THE RESEARCH WHITE PAPER

LUMUNIR

*Investment Intelligence*

# From company evidence to research decisions

Purpose, method and complete portal operating guide

A connected workflow for Indian equity research.

Every module, field, control and saving boundary.

Practical journeys, source interpretation and review discipline.

**First edition | 11 October 2026**

lumunir.com

# Read this guide

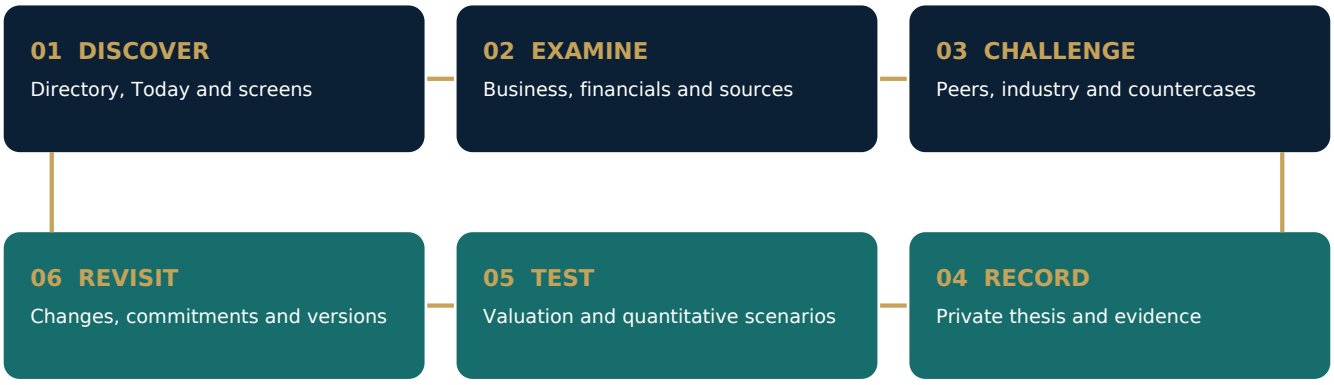
This is both a product white paper and an operating manual. Read the opening chapters for the purpose and research method; use the linked contents and module chapters for a specific task; use the field and control reference for precise input choices.

The guide was compiled by inspecting the application pages, interaction scripts and permission boundaries. It covers 76 detailed module/workflow entries and an exact static control reference, with additional dynamic owner-form field catalogues. A field listed in the reference is not a claim that every visitor may save it.

| If you are... | Start with... |
|---|---|
| A new customer | The first complete research journey, then customer My Research, Financials and Demo & Help. |
| An experienced researcher | Company research, peer selection, valuation assumptions, quantitative interpretation and review versions. |
| The platform owner | The permission chapter, owner evidence/rating/foundation tools, data import and operational status. |
| Looking for one control | The contents page, feature title and exact field/control reference. |

### Edition scope

This edition records the 11 October 2026 release. Market observations, data availability and source classifications can change. AI, Google/SMS and calls remain dependent on configured services and actual device or provider acceptance. Future concepts are identified rather than promised as current customer features.




Each saved review returns to evidence. Missing inputs create a research question.

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# Why LUMUNIR exists

## From information to a defensible research record

A company can look attractive in a price table and still be poorly understood. Revenue definitions can differ, reported earnings can contain one-off items, historical figures can be restated, a management promise can remain untested, and a persuasive research note can omit its strongest counterargument. LUMUNIR is designed to connect these separate questions in one research workspace.

The portal combines published Indian company data, financial statements, original source links, industry learning, peer analysis, private research notes, explicit valuation assumptions, review prompts and communication. Its central output is an explainable research process: what you believed, which evidence supported it, what might contradict it, which assumptions mattered and what you will check next.

The portal serves curious investors, analysts, students and a platform owner maintaining a shared research dataset. A visitor uses the company directory to find an idea, studies the published evidence and develops a private notebook. The owner also has legacy administrative and research-building tools. Those roles have different permissions; this guide states the boundary for each feature.

## The questions a disciplined user should answer

01. What does the business actually sell, and which activity creates its economics?

02. Which financial period, reporting basis, unit and source support each important number?

03. Why are the selected peers economically comparable?

04. What must happen for the thesis to succeed, and what would prove it wrong?

05. What assumptions does the valuation require, and how sensitive is the conclusion to them?

06. What changed after the last saved review, and when should the thesis be revisited?

07. Can another reviewer follow the evidence without relying on your memory?

## A practical promise with clear boundaries

LUMUNIR supplies research tools and sourced observations. A company appearing in the directory does not establish complete history or accuracy for every figure. A saved source link does not mean that a document has been downloaded or every table parsed. A high analytical rating does not establish that the current price is attractive. A saved portfolio list is not a broker position or executed trade.

The meaningful difference is the connection between the research steps. The current release makes that connection through public company evidence, private dated work, explicit assumptions and source-aware interpretation. Advanced owner tools and later-release concepts are described without presenting them as unrestricted customer functionality.

# What makes the portal different

## A connected research workflow

| Research need | LUMUNIR workflow | What the user should verify |
|---|---|---|
| Find a business | Search by company, exchange symbol or ISIN; use industry learning and screens to form questions. | Business identity, rename history and source industry. |
| Read a number | Open Financials with the original link, period, accounting basis, unit and extraction anchor. | Original filing and economic meaning; do not mix annual and quarterly windows. |
| Compare competitors | Choose peers and a reporting basis; compare dates and sourced annual values. | Revenue definitions, group structure and matched periods. |
| Form a view | Write a private notebook with assumptions, catalysts, risks, countercases and management commitments. | Whether each assertion is evidence, an inference or an unanswered question. |
| Value an idea | Enter scenarios and assumptions; inspect sensitivity and the saved calculation record. | Currency, units, share count, debt, cash and the model's period. |
| Challenge an argument | Use evidence-bounded company questions or consent-based private draft critique when AI service is available. | Actual citations and unsupported claims; draft AI output requires judgment. |
| Revisit the thesis | Use saved-version history and the review inbox to inspect changed metrics, new sources and due commitments. | Whether the evidence actually changed the thesis, rather than merely adding information. |
| Discuss the work | Use account Chat, attachments and compatible-device calls to exchange ideas. | Recipient, permissions, confidential material and call availability. |

## Separate business quality from price attractiveness

A sound business can be expensive, and an inexpensive security can have weak economics. The portal's methodology and valuation work encourage separate judgments about durable business quality, risk and governance, and the expectations embedded in price. The user should record the reason for each judgment and the evidence that could change it.

Ratings in illustrative or legacy demo cards must not be interpreted as automatically researched recommendations. The owner evidence-backed factor engine needs complete factor assessments and linked reviewed evidence before a verified rating can be formed. Customer notebooks and valuation

scenarios provide a practical place to develop an independent view without treating the header's demo stars as a trading signal.

## Learning is embedded in analysis

Industry books, investor principles, paper summaries and examples are intended to help users ask better questions. An industry guide should lead to a company-specific evidence checklist. A research paper should lead to stated assumptions and a reproducible experiment. A framework such as competitive strategy should guide a comparison, not replace the company's actual filings.

LUMUNIR's identity is an Indian equity research workspace with macro and global context. This paper does not make an audited superiority claim over another product or imply a commercial market-data licence, universal real-time feed, guaranteed returns or unrestricted research redistribution.

# The first complete research journey

## Beginner walkthrough

01. Open lumunir.com. Create an account or log in using the contact method shown. Save the account recovery code privately; do not put it in a research note or support request.

02. Open the Company Directory or Find Company. Search a company name, symbol or ISIN, then select the intended exchange identity. Confirm the active company before entering any note or comparison.

03. Read Overview for the latest saved market date, business profile, annual headline numbers and suggested business peers. Open linked sources before using a summary in a conclusion.

04. Open Financials. Choose a filing or dated snapshot, check Consolidated versus Standalone, and identify the reporting window and unit. Compare income, balance sheet and cash flow together. A point-in-time balance sheet is different from a period cash-flow statement.

05. Open Documents or the company research view. Follow original filings; inspect available extracted pages, disclosures and search matches. Some source links will have no saved parsed document.

06. Open the industry book. Turn its economic drivers, risks and countercases into a short company-specific checklist.

07. Open Peer comparison. Add appropriate directory companies, choose a basis and decide whether to require the selected company's annual period. A blank cell means missing matching evidence, not zero performance.

08. Open My Research for the same company. Write the thesis, assumptions, catalysts, risks and countercases; add evidence captures, dated management commitments and a review date. Save explicitly.

09. Use the private valuation workspace to enter justified assumptions. Compare scenarios and sensitivity, and save only the model you intend to preserve. Distinguish a model value from a current market observation.

10. If the AI service is funded and available, ask a bounded company question or submit a private draft for critique after consent. Read the citations and gaps; incorporate only statements you have assessed.

11. Return to the review inbox after later filings or a due date. Open the saved version, inspect changed metrics and new source entries, then record a new version with your reason.

12. Export the selected saved version as a brief or JSON copy. Reopen it to check the company, version and source context. Keep your own copy of important work.

## A hypothetical research example

Suppose you are studying a manufacturer. Its reported annual revenue grows, but working capital grows faster and operating cash flow falls. You would first check that revenue, receivables and cash flow use the same reporting basis and period. Then you would compare economically similar manufacturers, read the working-capital note and management explanation, and record a falsifiable hypothesis: cash conversion should recover after a particular inventory or receivables event.

In My Research, save the hypothesis, its source, the risk that the deterioration is structural, the date you will review it and a specific countercase. In valuation, model a cautious cash-conversion scenario rather than assuming every reported profit converts into free cash. A later review should preserve the original expectation and explain the new observation. This example is educational and contains no real-company

recommendation or invented financial result.

## Daily, quarterly and annual habits

| Cadence | Useful work | Saved output |
|---|---|---|
| Daily | Read Today and collection dates; inspect changes affecting followed companies; avoid treating a retained old observation as fresh. | A question or evidence note when the change is relevant. |
| Quarterly | Compare the latest reporting period, management commitments and cash conversion; inspect the thesis countercase. | A new notebook version and a revised next-review date. |
| Annual | Read the annual report, governance disclosures, capital allocation and structural industry economics. | An updated long-term thesis, valuation assumptions and evidence set. |
| After a major event | Read the original announcement or order, separate reported facts from implications and review the relevant risks. | A dated change note and explicit decision rationale. |

# Data, dates, classifications and evidence

## The data hierarchy

| Material | How it is used | Reading rule |
|---|---|---|
| Official exchange/company source | Original filings, reported financial tables, annual-report links and saved end-of-day price observations. | Read the source date, period, unit, identity and original URL. |
| Secondary company profile or financial history | Business classification, standardized historical tables and provider headline summaries. | Provider rounding, regrouping or restatement may differ from an original filing. A source profile classification is not an analyst opinion. |
| Analyst-entered research | Private thesis, countercases, assumptions, commitments and valuation inputs. | The entered assertion is yours; attach evidence and distinguish inference from fact. |
| AI draft | A bounded explanation or critique when the configured service is available and consent requirements are met. | Verify citations and preserve stated gaps. AI output is a draft, not a verified rating. |
| Illustrative setup | Legacy demo scores, placeholder analytical frames and worked examples. | Do not interpret a demo value as a current sourced observation. |

## Five dates that mean different things

Market date is the trading session represented by a saved quote. Reporting-period end is the closing date of the financial period. Publication date is when a report or announcement was issued. Collection time is when LUMUNIR acquired or checked material. Discovery time is when a source-file link entered the catalogue. These dates must not be substituted for one another.

Collection runs are scheduled for 3 AM IST every day. A run may complete later and may contain gaps. A weekend may legitimately retain the previous trading session's quote date. A successfully completed request does not prove that every company or source was refreshed. Provider-denied requests are recorded and the affected host pauses until the next update window; other permitted hosts can continue.

## Financial periods, bases and units

Consolidated statements include the reporting group; Standalone statements cover the legal reporting entity. Do not combine one basis's revenue with another basis's assets or earnings. An annual financial window, a quarterly window, a fiscal transition period and a point-in-time balance sheet also have different meanings. The portal preserves the period labels and source context.

Monetary metrics may be presented in INR crore after an explicit conversion from an original scale such as INR lakh; per-share metrics remain INR per share. Percentage, count, days and provider-defined units must be read as displayed. A face value is a per-share nominal amount, not a market price or a crore amount. Missing, stale or suppressed inputs are not zero.

Reported annual P/E uses the saved close divided by positive annual EPS when eligible recent annual data is available. Earnings yield is 100 divided by that P/E. PAT margin uses PAT divided by positive reported revenue. Cash conversion uses operating cash flow divided by positive PAT. Annual revenue and profit growth require comparable annual dates, matching basis and positive denominators. Sector-specific revenue definitions still need economic review.

## Classification provenance

Demo & Help's Industry / sector column uses collected company source profiles and documented supplemental classifications matched to the company's identity. Open the classification source link to see where the label came from. A saved registry label can also be available. Provider categories can change and are not a substitute for analysing the company's actual revenue mix.

NSE Indices describes a four-level taxonomy: macro-economic sector, sector, industry and basic industry. LUMUNIR can display a source profile's most specific available business classification together with its sector, while retaining the provider and collection context. The guide does not claim that every secondary label has been independently approved by the exchange.

The release fills 238 source-profile gaps with documented supplemental labels: 171 dated secondary reference classifications from 8 November 2025, 54 secondary issuer classifications and 13 analyst classifications grounded in company business descriptions. The dated labels show their reference date; analyst labels identify their basis. Seventeen sources supply only an industry, so the portal displays that industry without inventing a sector. Conflicting source categories are disclosed on the relevant entry. This provides a classification for every one of the 5,465 companies in the current coverage directory; it does not assert current exchange verification of every label.

## Coverage is not completeness

The 11 October reference release contains 5,465 active published companies. The live coverage audit found available financial records for 5,255 companies and none for 210. Those observations can change after collection. Counts of records or extracted periods include overlapping source material; they are not independently verified unique financial facts or a promise of ten-year coverage.

The reference collection-status observation showed 60,136 registered official NSE source files: 54,303 waiting, 92 failed and 5,741 saved. These counts span available years. A saved file may still lack parsed financial statements. The oldest waiting discovery timestamp is not a promised completion date. Use current in-portal status rather than this dated snapshot for an operational decision.

# Permissions, saving and confidentiality

## Understand the three working boundaries

| Boundary | Examples | What saving means |
|---|---|---|
| Published company data | Overview, Financials, source links, industry learning, current published peer data and public research material after account access. | Read-only for ordinary customers; viewing does not edit the publisher dataset. |
| Private account data | My Research notebooks, saved versions, evidence captures, valuation scenarios, private reports, account lists, Chat and submitted feedback. | Explicit server save belongs to the signed-in account. Another account cannot read it through customer APIs. |
| Owner workspace and browser state | Legacy administrative/research forms and browser-only scenario or assessment controls. | Owner APIs require the platform owner's authorization. Browser drafts or device-local state are not automatically private cloud records. |

## Save deliberately

Switching a tab or calculating a sensitivity does not necessarily save anything. Use the feature's explicit save control and read its confirmation. In My Research, version history is part of the record. If another device has created a newer saved version, inspect it before combining changes. Reopening an old version should produce a draft or selected-version view rather than silently erase newer work.

Exports use the selected saved notebook version. A JSON export preserves a structured personal copy; a research brief presents the saved analysis for reading. Attachments and reports have their own save or upload action and file limits. A report critique requires separate consent before the private draft is sent to the configured AI service.

## Protect account and communication data

Keep passwords and recovery codes outside notebooks, uploaded reports, Chat attachments and support messages. Review the exact contact before opening a conversation. Chat attachments are shared with the intended conversation participants, not the public company catalogue. A moderation report is an explicit disclosure to the moderation workflow, distinct from an ordinary private message.

A source-code archive is useful for preserving the application, but it is not a production database or private-object backup. Real production recovery needs an isolated rehearsal using supported database and object backups. This white paper documents that requirement and does not certify an infrastructure recovery pass.

# Availability and responsible interpretation

## Read feature availability accurately

The current portal contains customer research tools, owner-only research tools and some later-release concepts. The detailed feature chapters below identify which group each belongs to. The appearance of a button in a legacy workspace does not grant an ordinary account the right to write the owner's records.

AI answer and private report-critique interfaces are implemented, but use depends on a configured provider, funded credits and current service availability. At this edition's release checkpoint, live AI credit/provider acceptance remains deferred; no claim of fresh real-provider answer testing is made. Google sign-in, SMS verification, camera, microphone and screen sharing also depend on configuration, compatible devices, browser permissions and, for calls, an accepted second participant.

## What has been checked and what has not

A complete authenticated API audit checked Overview and Financials access for all 5,465 companies: 10,930 checks passed in the complete repeat run. A later coverage consistency check verified all 110 pages and customer status totals. A ten-company sampled audit rechecked 100 principal figures against an earlier original-source reconciliation, checked annual ratio inputs and both peer reporting bases. These are bounded software and HTTP observations, not blanket financial accuracy certificates.

HDFC Bank revenue growth and L&T profit growth were unavailable in that sampled audit. They remain unverified; alternative overlapping snapshots cannot certify a missing result when the selected cached prior input is not exposed. No growth figure should be invented to fill the gap.

Real-browser speed, physical-device calls, unfamiliar-user completion, production backup restore and the remaining scheduled collection opportunities still need their own observations. Controlled test data and stubbed AI outputs cannot replace those checks. This distinction is part of the portal's evidence discipline.

## Interpret analytical outputs as questions to investigate

A screen narrows a research list; it does not establish quality or suitability. A ratio compresses an accounting relationship; it does not explain why that relationship exists. A scenario turns assumptions into an output; it does not establish that the assumptions will occur. A cited AI paragraph can still require a careful source reading. Record the next evidence check before making a conclusion.

# Company research: the complete feature guide

The following chapters cover company-specific source reading and the original research workspace. Each entry states its saving boundary. Customer work should use My Research; owner-only legacy forms cannot be used to write the publisher dataset from an ordinary account.

## 01. Company identity and active-company context

Where to open: Portal > Company Directory / Active company / Company profile

Keep company identity attached to all research and prevent another company’s data from becoming the current context.

### Controls and fields

Find company by name or symbol

Active-company dropdown

Company name, NSE/BSE symbol, ISIN, sector or business classification

Watchlist star

Compare

Add note

Add to Portfolio

Research note

### How to use it

01. Find the company in the directory.

02. Open its workspace and check symbol, exchange and ISIN.

03. Confirm the header when switching before reading or saving conclusions.

04. Use Company profile for the business and evidence checklist.

### How to read the result

A listed identity establishes a research workspace, not full financial history, data accuracy or a recommendation.

### Saving and access

Public published source data; viewing does not create a personal research record.

### Availability and limits

Private owner registry entries can have no sources or ratings. The legacy Reliance sample must not be applied to newly added companies.

Classification can be an exchange/secondary metadata classification; use original company reports for segment conclusions.

## 02. Overview and financial picture

Where to open: Portal > Overview; Company profile > Reported financial picture

Turn dated annual inputs into an interpretable company research starting point.

### Controls and fields

Revenue from operations

Profit after tax

Operating cash flow

Total assets

Total equity

Basic EPS

Saved closing price and date

Latest annual period and reporting basis

Growth versus prior annual period

Original input sources

### How to use it

01. Check company, annual period and Consolidated/Standalone basis.

02. Read profitability and cash-conversion explanations.

03. Expand all reported inputs and sources.

04. Open Financials for the actual statement rows and reports.

### How to read the result

Annual P/E uses reported annual EPS, not TTM or forecast. Operating cash flow is not free cash flow. Annual data older than about 18 months is flagged as stale.

### Saving and access

Public published source data; viewing does not create a personal research record.

### Availability and limits

Missing inputs remain unavailable. Group totals do not establish operating-segment KPIs.

Comparable annual growth needs a matching prior annual period on the same basis; no figure should be invented when the prior denominator is missing or nonpositive.

## 03. Company-specific research checklist

Where to open: Company profile > Research checklist

Show which evidence areas have connected inputs and which investigation questions remain open.

### Controls and fields

Business and segment economics

Annual financial coverage

Growth and profit quality

Cash conversion

Funding and maturities

Capital allocation

Leadership, governance and audit

Contingencies and accounting notes

Valuation assumptions

Counter-case and monitoring

Review action for each area

Count of connected research areas

### How to use it

01. Read the evidence status for every area.

02. Expand What to check and why.

03. Open the relevant Financials, Notes, Documents, Governance or Valuation section.

04. Record the evidence and counter-case in My Research.

### How to read the result

These statuses measure available inputs/extracts. They are not a company-quality score. The counter-case requires analyst judgment and cannot be inferred from data coverage.

### Saving and access

Public published source data; viewing does not create a personal research record.

### Availability and limits

A director list is not a governance assessment; cash/debt totals do not complete a maturity review; allocation words in a report do not establish completed investments.

Partial or unavailable report extraction limits the checklist.

## 04. Financial statement workbench

Where to open: Portal > Financials

Inspect extracted statement line items across reporting periods with traceable sources.

### Controls and fields

Statement tabs: Income statement, Balance sheet, Cash flow statement, Segment disclosures, Other statutory statements, Notes to accounts

Period: Annual / Quarterly / All reporting periods

Basis: Consolidated / Standalone

History columns: 10 years / 5 years / All available

Search line items

Export statement CSV

Source documents

Clickable source value

Coverage status and missing annual period-end years

### How to use it

01. Choose a statement, period frequency and basis.

02. Choose the history-column count.

03. Search for a line-item label.

04. Click a value to inspect its source, unit and anchor.

05. Export the displayed statement CSV and retain the source links.

### How to read the result

A dash means the item was not extracted for that period, not zero. ₹ crore applies unless the row specifies another unit; EPS is ₹/share. Secondary historical-table figures are labelled separately from official NSE filing figures.

### Saving and access

Public published source data; viewing does not create a personal research record.

### Availability and limits

The current All available control selects at most 15 history columns. Annual periods are classified by 330-380 days; quarterly periods by 70-100 days.

The public endpoint reads up to 250 eligible stored financial records, expanding individual/history/annual periods. Some records overlap. Available record counts do not mean independently verified complete history.

Restatements, corporate actions, entity-scope changes and differing definitions require original-source checks.

## 05. Financial source inspector and source review

Where to open: Financials > Inspect a source and all reported rows

Read every extracted row and the original source behind a chosen statement figure.

### Controls and fields

Source/reporting-period selector

Headline reported metrics

All rows: line item, value, unit, reference

Original source link

Reviewer

Source checks

Confirmation checkbox: document, reporting period, units and values

### How to use it

01. Click a statement value or open the inspector.

02. Select the exact source and period.

03. Compare all rows and references against the original filing.

04. Owner: complete reviewer, checks and checkbox to record source review.

### How to read the result

Extraction and source confirmation are distinct. A saved reviewed record documents a human check; it is not blanket verification of every company or investment conclusion.

### Saving and access

Reading is public; the source-confirmation PATCH is workspace-owner-only.

### Availability and limits

Ordinary customers cannot modify publisher source-review records.

A parsed row without the required metric may remain absent; inspect notes/original reports rather than infer zero.

## 06. Notes to accounts and statutory narratives

Where to open: Financials > Notes to accounts / Other statutory statements

Read accounting disclosures, policies, contingencies and auditor/statutory report material with original PDF-page anchors.

### Controls and fields

Annual-report selector

Search the annual report

Extract selected report

Read supporting report text

Read full report page

Original report/page link

Show 35 more notes

### How to use it

01. Choose the annual report.

02. Search a relevant topic such as leases, related parties or contingencies.

03. Read the extract and its page anchor.

04. Open the full page/original report to confirm its context.

05. Show more note matches when available.

### How to read the result

An extract is a source-reading aid. An empty result may reflect a scan, unparsed content or partial extraction; it does not establish absence of disclosure.

### Saving and access

Public extracts and original report links; requesting new extraction is workspace-owner-only.

### Availability and limits

Search covers extracted text rather than all PDF/image content. Notes initially show 35 matching items, with batches of 35.

Generic shareholder instructions and AGM resolutions are filtered when they would misrepresent business outlook or a management roster.

# 07. Documents and primary-source library

Where to open: Portal > Documents > Official annual reports / Primary Document Library

Keep company evidence accessible and distinguish primary filings from interpretation.

### Controls and fields

Filters: All records / Annual reports / Concalls / Analyst reports / Legal & governance

Source title/date/type

Official annual reports (PDF or ZIP)

Open original

Data Connections & Review

Add source

### How to use it

01. Open the selected company’s Documents.

02. Use category filters.

03. Open the official report or archive.

04. Use report evidence in Financials/Notes and cite an exact page in personal research.

### How to read the result

A source listing shows an available link; a saved file, extracted report and human-reviewed figure are different states. Licensed analyst reports must be used only with the necessary rights.

### Saving and access

Public published source data; viewing does not create a personal research record.

### Availability and limits

Public customer documents are mapped from published PDF/ZIP annual-report source entries; conceptual categories do not imply every category is populated.

ZIP originals may require download and extraction outside the portal. Private uploaded documents are not redistributed to visitors.

# 08. Owner private source upload and extraction

Where to open: Documents > Add source / Upload source document

Prepare authorised source files and text/table anchors for private review.

### Controls and fields

PDF/DOC/DOCX file (25 MB owner uploader limit)

Document type: filing, shareholding, credit rating, annual report, quarterly result, concall transcript, investor presentation, legal/regulatory, AGM/EGM, authorised analyst research, internal intelligence reference

Document date

Jurisdiction: domestic/international/cross-border

Title

Source

Relevant page/section

Your notes

Upload and extract privately

### How to use it

01. Select an authorised file and document type.

02. Set title, source, dates and jurisdiction.

03. Upload; read extraction status and warnings.

04. Compare extracted pages and tables to the original.

05. Complete human source review before verified evidence use.

### How to read the result

File-signature validation and text extraction are preparation steps, not factual verification.

### Saving and access

Workspace owner research only, via platform-authenticated identity. Ordinary customer login is a separate identity; use My Research for customer-owned records. Legacy public adapter returns empty private models and rejects these private writes.

### Availability and limits

The legacy owner uploader is distinct from the working customer My Research report uploader, whose file limit is 10 MB.

Malware scanning is not connected in the private prototype; scanned/unreadable text may require manual review.

## 09. Live reported peer comparison

Where to open: Portal > Peer comparison > Reported financial comparison

Compare selected companies on visible annual periods, bases and source-linked inputs.

### Controls and fields

Additional company dropdowns from the directory

Add another company (up to 10 additional companies)

Remove peer

Basis: Consolidated / Standalone

Compare

Matching selected-company annual period versus Latest available annual periods

Revenue / total income

PAT

Total assets

Total equity

Operating cash flow

Basic EPS

Reported debt

### How to use it

01. Start with a company and review suggested peers.

02. Add/remove companies rather than assume one sector constitutes a comparable business.

03. Choose basis and period-matching mode.

04. Compare dates and source links before interpreting numeric differences.

### How to read the result

Latest available annual periods may differ. The same metric label can conceal different business economics, especially banks, insurers and diversified groups.

### Saving and access

Public published source data; viewing does not create a personal research record.

### Availability and limits

Missing values remain explicit. Sources may include labelled secondary financial tables.

Audit found the public peers response omitted period while the matching UI needs data.period; root has been notified to repair this before documenting a successful matching-mode workflow.

The matching-period view uses the selected company's declared annual period; the public response includes it. Different reporting periods remain explicit when matching is disabled.

## 10. Peer-set definitions and custom comparison metrics

Where to open: Peer comparison > Peer-set setup beneath reported comparison

Save analyst-defined comparison lenses and the metrics a later comparison should use.

### Controls and fields

Industry / peer set

Peer companies, comma-separated

Add peer group

Group switches

Metric chips: price, 52-week high/low, EV/EBITDA, market cap/sales, sales/profit growth, operating margin, cash conversion, interest coverage, net debt/EBITDA, promoter/institutional holdings

Custom metric label

Add metric

### How to use it

01. Define the business lens.

02. Enter peers and any custom metrics.

03. For real numeric comparison use Reported financial comparison above.

### How to read the result

The setup table is a definition scaffold; it deliberately contains no sourced live values until evidence/calculation definitions are attached.

### Saving and access

Workspace owner research only, via platform-authenticated identity. Ordinary customer login is a separate identity; use My Research for customer-owned records. Legacy public adapter returns empty private models and rejects these private writes.

### Availability and limits

Custom metric selection is not a market-data feed or automatically calculated financial statistic.

Do not represent the owner definition workflow as ordinary-account saved research.

The matching-period view uses the selected company's declared annual period; the public response includes it. Different reporting periods remain explicit when matching is disabled.

## 11. Thesis & analysis: management, drivers and governance

Where to open: Portal > Thesis & analysis

Relate company operating questions, management statements, leadership and governance disclosures to reported evidence.

### Controls and fields

Technical & quantitative analysis

Management outlook & next-results checks

Add expectation

Your research thesis / Write note

Management background / Open dossier

Corporate governance calendar & voting / Open governance log

Source extracts, report/page links and next checks

### How to use it

01. Load the selected company/report.

02. Read business expectations in the source.

03. Compare management’s stated objectives with later financial results.

04. Inspect leadership roles and governance text.

05. Record a counter-case and measurable next-result test in My Research.

### How to read the result

The driver map supplies company-specific research questions paired with annual evidence; operational KPIs need the relevant disclosure. Leadership extracts are not automatically a full board roster or integrity judgment.

### Saving and access

Public company extracts; legacy edit/add controls require workspace-owner saved research. The customer notebook supports evidence and commitment records.

### Availability and limits

A missing parsed outlook passage is not proof management gave no guidance.

No uncited legal, governance or management allegation should be inferred from extraction gaps.

## 12. Original thesis note and Intelligence counter-review scaffold

Where to open: Thesis & analysis > Research note > Intelligence

Structure a claim, independent analysis, supporting references and counter-review questions.

### Controls and fields

Thesis title

Working thesis

Your independent analysis

Evidence references

Send to Intelligence

Critical analysis: claim, evidence to verify, counter-thesis, validation tests

### How to use it

01. Write the claim and your reasoning.

02. Add precise source references.

03. Send to Intelligence.

04. Review the generated challenge prompts and validate them against actual disclosures.

### How to read the result

This legacy review creates a deterministic framework around the entered note: company/sector KPI tests, counter-case and next-result/management tests. It is not a provider-backed factual analysis merely because the view is called Intelligence.

### Saving and access

Workspace owner research only, via platform-authenticated identity. Ordinary customer login is a separate identity; use My Research for customer-owned records. Legacy public adapter returns empty private models and rejects these private writes.

### Availability and limits

Ordinary customer note persistence is rejected by the public adapter; use My Research instead.

A UI toast that calls this a queue is not evidence that a connected AI processor analysed the note.

## 13. Business drivers and capital-allocation research

Where to open: Overview / Thesis & analysis > Business-driver map; My Research > Management & capital allocation

Understand where reported growth, cash needs and returns come from.

### Controls and fields

Company/sector operating driver questions

Revenue/PAT/cash/asset/equity inputs

Capex, acquisitions, buybacks and dividends in report text

My Research capital-allocation reasoning

Evidence references and page anchors

### How to use it

01. Explain the revenue engine and the capital required to support it.

02. Read relevant segment and capex disclosures.

03. Compare announced commitments with completed investments and cash generation.

04. Document incremental-return assumptions and the strongest alternative interpretation.

### How to read the result

The map is a research lens. Company-group revenue does not substitute for subscriber ARPU, same-store growth, port utilization, order conversion or other actual operating KPIs.

### Saving and access

Public driver map and source-reading; customer reasoning is saved in the private account notebook.

### Availability and limits

Operational metrics are only available when the relevant disclosure has been connected. No universal autonomous capital-allocation grade is established.

## 14. Methodology and explainable ratings

Where to open: Portal > Methodology

Keep factor judgments, weighting and source status visible rather than hide them in a single unexplained star.

### Controls and fields

Eight factors: business quality/competitive advantage; financial strength; earnings growth/durability; valuation/expectations; management; governance; capital allocation; technical/quant strength

Score 1-5 in 0.1 steps

As-of date

Linked evidence entry

Named analyst/reviewer

Rationale

Factor weight editor

Whole-percent total must equal 100

Restore standard weights

Dated factor assessment/snapshot history

Quality, risk/governance and attractiveness lenses

### How to use it

01. Read the factor rationale and evidence needed.

02. Owner: complete the evidence ledger before marking an assessment supported by reviewed evidence.

03. Enter score, date, reviewer and rationale.

04. Edit weights only with an explicit documented method.

05. Review dated rating snapshots and separate lenses.

### How to read the result

Illustrative demo stars are not verified ratings. Good business quality and investment attractiveness are different judgments; price and risk may make them diverge.

### Saving and access

Workspace owner research only, via platform-authenticated identity. Ordinary customer login is a separate identity; use My Research for customer-owned records. Legacy public adapter returns empty private models and rejects these private writes.

### Availability and limits

Legacy UI contains Methodology v1.0 labels while the factor engine is v2.0; distinguish rating-method versions rather than imply uniform provenance.

Uploading a document alone never verifies a factor. The public customer adapter returns no personal factor assessments or computed owner ratings.

## 15. Owner evidence ledger and verification lifecycle

Where to open: Portal > Evidence ledger / Research Foundation > Evidence & lineage

Attach a specific source, citation, dates and reviewer to facts, values, charts, AI statements and valuation assumptions.

### Controls and fields

Evidence type: fact/number/AI statement/rating input/chart/valuation assumption/other

Title

Statement

Source document

Draft source name

Page/table/section

Source date

As-of date

Confidence: under review/low/moderate/high

Reviewer

Review state: draft/source-linked/human reviewed/verified

Edit evidence entry

Source-extraction review

### How to use it

01. Upload and extract the authorised source.

02. Compare anchors with the original.

03. Complete source review.

04. Save the exact citation as Human reviewed.

05. Only then mark that same source/citation Verified.

### How to read the result

Verification is a controlled workflow record and human assertion about specific evidence, not automation’s guarantee of factual truth. Confidence and review state are separate.

### Saving and access

Workspace owner research only, via platform-authenticated identity. Ordinary customer login is a separate identity; use My Research for customer-owned records. Legacy public adapter returns empty private models and rejects these private writes.

### Availability and limits

Verified requires a prior matching human-reviewed entry and completed extraction review when applicable. A different company’s document cannot be linked.

Public customer My Research has a simpler personal evidence-reference ledger without publisher verification state.

## 16. Private customer My Research notebook

Where to open: /my-research

Save an evidence snapshot and how your company investment reasoning changes over time.

### Controls and fields

Find company and published directory

Reporting basis

Coverage & changes

Thesis

Counter-case

Assumptions

Risks

Invalidation conditions

Next review

Sector template: General/Bank/IT services/Manufacturer/Retailer

Business resilience

Management & capital allocation

Balance-sheet strength

Valuation & implied expectations

Bear/base/bull text

Research learning

Check for changes

Save private review

Saved version picker (latest 100)

Inspect saved review

Use this version as draft

Export saved brief

Download version data

### How to use it

01. Log in and open My Research.

02. Choose company and basis.

03. Review annual coverage and changes against the saved baseline.

04. Write thesis, counter-case, assumptions, risks and falsifiers.

05. Add evidence, commitments and optional model.

06. Save explicitly to create a new version.

07. Inspect/export the chosen saved version.

### How to read the result

Coverage describes the selected basis’s available annual records; a report link does not prove full history. Exports contain the selected saved review, its dated evidence baseline and included attachments, not unsaved form edits.

### Saving and access

Private to the logged-in LUMUNIR account; server-stored, company-scoped review revisions. Sharing a company URL does not share the notebook.

### Availability and limits

Closing the page can lose an unsaved draft. Conflicting concurrent saves preserve the current draft and require inspecting/comparing the newer version.

Up to 100 saved versions are presented, and up to 500 reviewed companies/attachment-company summaries are returned by the index.

## 17. Customer evidence references and commitment tracker

Where to open: My Research > Your evidence ledger / Commitment tracker

Record precise source references and distinguish confirmed management statements from later results.

### Controls and fields

Evidence (up to 12 entries): source title, HTTPS link, page/table/section, assumption supported/challenged

Confirmed statement

Metric/objective

HTTPS source

Statement date

Intended deadline

Page/table/section

Assessment: Not yet due / Achieved / Missed / Revised / Not measurable

Outcome and supporting evidence

### How to use it

01. Confirm the source and statement yourself.

02. Record statement date and intended deadline.

03. State the measurable metric/objective.

04. Revisit when the deadline/results arrive.

05. Enter outcome evidence before achieved/missed/revised status.

06. Save the private review.

### How to read the result

Statuses and interpretations are your assessments; links are your references. Saving does not independently verify their contents.

### Saving and access

Private to the logged-in LUMUNIR account; server-stored, company-scoped review revisions. Sharing a company URL does not share the notebook.

### Availability and limits

A nonmeasurable statement should not be converted into a fabricated success/failure.

The public company extract and the customer’s manually confirmed statement are distinct records.

## 18. Attach platform content to My Research

Where to open: Portal header > Attach to My Research; notebook > Attach content

Preserve what was on the screen, including source links, tables or charts, alongside personal reasoning.

### Controls and fields

Attach selected text

Click a card/table/chart/paragraph/report

Attach this research view

Title

Destination-company search/dropdown

Why are you saving this?

Snapshot preview

Save private attachment

Open My Research

### How to use it

01. Select text or enter pick mode.

02. Choose the displayed card/table/chart/view.

03. Verify destination company and preview.

04. Explain the assumption supported or challenged.

05. Save; then save a review revision to include current attachments in that version/export.

### How to read the result

The attachment is a dated snapshot of displayed content, not an independently verified figure or AI claim. External reports remain source links.

### Saving and access

Private account attachment saved immediately; review versions retain the attachment manifest current at save time.

### Availability and limits

Text is limited to 30,000 characters; up to 3 tables, 100 rows/table and 20 cells/row; up to 20 source links; the first supported chart is rasterized as PNG. Truncated captures are flagged.

Captured content may belong to a different source company; the destination remains a deliberate analyst choice.

## 19. Reported valuation ratios

Where to open: Company profile / Valuation studio > Reported valuation ratios & company calculations

Expose inputs and formulas for profitability, cash quality, funding and dated-price valuation.

### Controls and fields

Annual P/E = price / positive annual basic EPS

Annual earnings yield = EPS / positive price × 100

PAT margin = PAT / positive revenue × 100

Cash conversion = CFO / positive PAT

Debt/equity = borrowings / positive equity

Current ratio = current assets / positive current liabilities

Cash/assets × 100

PAT/closing assets × 100

Owner profit/closing equity × 100

Source links for each required input

### How to use it

01. Check annual date/basis and price date.

02. Read the formula and input sources.

03. Compare only with suitable peers/periods.

04. Open original statements when the ratio is unavailable or surprising.

### How to read the result

The two return ratios use closing balances and are labelled proxies; standard ROA/ROE generally require average balances and suitable profit/equity scope. Earnings yield is not dividend yield.

### Saving and access

Public published source data; viewing does not create a personal research record.

### Availability and limits

Market cap, P/B, EV/EBITDA, EV/sales and dividend yield require additional verified inputs and are not inferred from paid-up capital or PAT/EPS.

Current ratio and generic operating cash-flow interpretations can be unsuitable for banks. Corporate-action mismatch between price and EPS can distort P/E.

## 20. EPS × multiple sensitivity

Where to open: Valuation studio > EPS × multiple sensitivity

Explore how a chosen growth rate and P/E multiple change an implied per-share value.

### Controls and fields

Read-only reported annual EPS

EPS growth assumption (%)

Selected P/E multiple

Calculate sensitivity

Lower/selected/higher multiple cases (0.8× / 1× / 1.2× chosen multiple)

Assumed EPS, implied value/share and difference from saved price

### How to use it

01. Check reported annual EPS and saved price.

02. Enter growth assumption and a justified multiple.

03. Calculate.

04. Compare lower/base/higher multiples and write why each is justified.

### How to read the result

Forward EPS = reported EPS × (1+growth/100); assumed per-share value = forward EPS × multiple; difference = (value/price−1)×100. It is a conditional sensitivity, not a target recommendation.

### Saving and access

Browser calculation only; does not save a private valuation case.

### Availability and limits

Requires positive reported EPS and valid dated price. Forecast growth/multiple are analyst assumptions.

Sensitivity is not a full cash-flow model or a claim that the market will re-rate the stock.

## 21. Customer reverse valuation and scenario model

Where to open: My Research > Reverse valuation & scenarios

Ask what growth or profitability assumptions would justify a reference price and save them with an investment review.

### Controls and fields

Include a model checkbox

Method: operating-business FCFF / bank-equity payout

Use available annual evidence

Input/price date

Source link

Sources and adjustments

Annual revenue or book equity (₹ crore)

Diluted shares (crore)

Reference price (₹/share)

Net debt and other claims

Forecast years

Tax rate

Discount rate (WACC/cost of equity)

Terminal growth

Terminal ROC/ROE

Incremental sales/capital or payout ratio

Bear/base/bull revenue growth and operating margin, or ROE

Calculate scenarios & implied expectations

Per-share/equity values, terminal-value share, implied growth/ROE roots, sensitivity and year-by-year cash-flow rows

### How to use it

01. Enable model and choose the business-appropriate method.

02. Import only supported revenue/book equity; independently confirm all other inputs.

03. Set dated inputs, shares and price.

04. Enter explicit scenario and terminal assumptions.

05. Calculate and inspect implied roots, sensitivity and terminal-value dependence.

06. Save the private review to retain inputs/results.

### How to read the result

Operating: after-tax operating earnings less reinvestment discounted at WACC; subtract net debt/claims. Bank: equity-supported distributions discounted at cost of equity. Terminal reinvestment relates growth to return on capital/equity.

### Saving and access

Private to the logged-in LUMUNIR account; server-stored, company-scoped review revisions. Sharing a company URL does not share the notebook.

### Availability and limits

Annual-import helper refuses identity warnings or unsupported currency/units and imports only revenue/book equity.

Negative growth assumes capital release; shares remain fixed. Regulatory capital, dilution, acquisitions, corporate actions and lease adjustments need separate review.

A reverse-model function may have no root or multiple roots; multiple matches are shown without inventing a unique implied forecast.

## 22. Owner full valuation scenario builder and metric catalogue

Where to open: Valuation studio > Scenario builder / industry metric template

Save formula-versioned intrinsic, relative, SOTP or asset-value cases.

### Controls and fields

Scenario title

Bear/base/bull/custom

Model: FCFF DCF, FCFE DCF, dividend discount, enterprise multiple, equity multiple, SOTP, asset-based

As-of date

Industry/sub-industry

Metric label

Net debt and shares in crore

Base cash flow/dividend

Growth/forecast years

Discount/terminal growth

Relative metric/target multiple

Combined segment EV

Asset values/liabilities

Optional reviewed data version

Optional market price

Supporting document/page citation

Calculate & save case

Custom metric template: industry/subindustry, label, key, enterprise/equity/cash-flow/asset side, relative/intrinsic/asset/special family, usefulness, reference kind and URL

### How to use it

01. Choose the suitable model.

02. Enter only model-relevant sourced inputs and documented assumptions.

03. Link exact reviewed data/source where available.

04. Calculate/save cases separately.

05. Compare saved bear/base/bull outcomes and formula limitations.

### How to read the result

Enterprise and equity value are different; net debt bridges enterprise value to equity value. SOTP here accepts analyst-combined segment enterprise value rather than automatically valuing each subsidiary.

### Saving and access

Workspace owner research only, via platform-authenticated identity. Ordinary customer login is a separate identity; use My Research for customer-owned records. Legacy public adapter returns empty private models and rejects these private writes.

### Availability and limits

Reviewed data selection records version provenance but does not populate valuation inputs.

A displayed expected-return range is scenario difference from entered price, not predicted investor return.

Metric templates are vocabulary/scaffolding, not automatically populated market statistics.

## 23. Saved watchlist and research portfolio

Where to open: Header watchlist star / Add to Portfolio; Portfolio

Retain companies and their research theses for later review.

### Controls and fields

Watchlist/Portfolio list

Add/remove company

Optional thesis

Saved date

Company symbol/name

Saved-company navigation

### How to use it

01. Choose company and list.

02. Write the monitoring thesis.

03. Save and return to the list later.

04. Remove when no longer relevant.

### How to read the result

A research list is not a broker position, trade, recommendation or holdings feed.

### Saving and access

Anonymous visitors: browser local storage, up to 500 saved-company rows; ordinary logged-in users: private account list via /api/account; workspace owner: separate legacy private portfolio context.

### Availability and limits

Clearing browser data loses anonymous lists; another device does not see that device-only list.

Saved owner-demo methodology score may remain illustrative. Do not infer actual holdings or execution.

## 24. Owner portfolio risk: manually entered research positions

Where to open: Portal > Portfolio risk

Make concentration and weight assumptions visible in a manual research portfolio.

### Controls and fields

Company

Research weight (%)

Optional cost basis (₹)

Your thesis

Risk flag: monitor/low/elevated/high

Save research position

Total weight and largest weight

### How to use it

01. Select the company.

02. Enter intended research weight and reasoning.

03. Save the manual research position.

04. Review total/largest concentration and risk flags.

### How to read the result

Weights are scenario inputs. This is separate from the saved company list and does not read brokerage holdings.

### Saving and access

Workspace owner research only, via platform-authenticated identity. Ordinary customer login is a separate identity; use My Research for customer-owned records. Legacy public adapter returns empty private models and rejects these private writes.

### Availability and limits

No automatic current-position feed or real portfolio risk estimate should be claimed from manually entered weights alone.

Ordinary customers use their private saved lists; legacy research-position saving is owner-only.

## 25. Owner thesis lifecycle and change-to-thesis records

Where to open: Research Foundation > workflow / Governance & audit > research workflow

Version the reasoning and link new events to existing theses.

### Controls and fields

Thesis title/stance/body

Assumptions/catalysts/risks/falsifiers

Valuation context and review date

Source/citation

Change title/type/date

Linked thesis

Impact

Why the thesis is affected

Outcome title/metric/expected result/target date

Actual outcome/reflection/verdict

Rating checkpoint: overall, business quality, risk/governance and attractiveness

Committee memo title/thesis/horizon/posture/reviewer/body/conflict disclosure

Related entity name/type/relationship/details

Quant protocol run/formula version/frequency/as-of/actions/benchmark/manifest/bias/validation

### How to use it

01. Record a falsifiable thesis.

02. Link source-backed changes to the affected thesis.

03. Schedule measurable outcome checks.

04. Record actual outcome and reflection only when evidence arrives.

05. Preserve a dated rating checkpoint and committee memo.

06. Link reproducibility metadata to an existing quantitative run.

### How to read the result

A lifecycle state, memo or source-linked event records an analyst workflow. It is not external investment-committee approval or automated investment action.

### Saving and access

Workspace owner research only, via platform-authenticated identity. Ordinary customer login is a separate identity; use My Research for customer-owned records. Legacy public adapter returns empty private models and rejects these private writes.

### Availability and limits

Outcome verdict remains awaiting outcome without actual evidence.

Legacy workflow is owner-only; ordinary customer notebook provides its own versioned thesis, evidence, commitments and review date.

## 26. Research Foundation and Paper-to-Model

Where to open: Portal > Research Foundation > Evidence, Paper-to-Model, Principles

Separate source preparation, assumptions, claims, model drafts and results.

### Controls and fields

Foundation coverage counts

Queue paper review: authorised document/date/objective

Data manifest: type/frequency/as-of/source/reference/start/end

Paper assumption: name/source value/unit/effective value/use source/modify/exclude/pending/citation

Claim type: hypothesis/forecast/assumption/finding/methodology; metric/target date/text/target value/citation

Outcome scheduling: claim/as-of/data manifest/source/citation

Simulation draft: title/scenario/as-of/manifest/claim/question-inputs/limitations

Evidence and lineage navigation

### How to use it

01. Upload an authorised paper in the owner source library.

02. Queue source-aware review.

03. Record assumptions/claims with exact paper citations.

04. Distinguish original values from modified analyst choices.

05. Create dated manifests and simulation drafts.

06. Do not report outputs until a supported processor executes on reviewed data.

### How to read the result

Saving a paper request queues an extraction dependency. A data manifest is provenance metadata, not ingested financial/price bytes. A simulation draft is an unexecuted specification.

### Saving and access

Workspace owner research only, via platform-authenticated identity. Ordinary customer login is a separate identity; use My Research for customer-owned records. Legacy public adapter returns empty private models and rejects these private writes.

### Availability and limits

No automatic paper-to-arbitrary-model replication is available. Draft Monte Carlo/factor/PCA/optimization labels do not mean the processor supports them.

Public Foundation can expose method descriptions but no private owner records; counts visible to customers are not their account’s paper-review history.

## 27. Investor principle review map

Where to open: Research Foundation > Investor principles

Apply research questions and safeguards to a selected company without automatic ratings.

### Controls and fields

Method lens filter

Next research gap

Review coverage and open gaps

Company selector

Investor principle

Assessment: not assessed/supported/needs more work/concern/not applicable

Company-specific observation

Optional supporting document

Precise citation

Save assessment

### How to use it

01. Choose the method lens and company.

02. Read the analyst question and platform use.

03. Write a company-specific observation.

04. Attach relevant source evidence.

05. Save and inspect coverage gaps.

### How to read the result

These are internal method-derived questions, not copied source material or proof of company facts. Complete checklist coverage is not a verified conclusion.

### Saving and access

Workspace owner research only, via platform-authenticated identity. Ordinary customer login is a separate identity; use My Research for customer-owned records. Legacy public adapter returns empty private models and rejects these private writes.

### Availability and limits

Assessment saving does not change star ratings or weights.

Confidential underlying investor-method materials are not exposed as public source evidence.

## 28. Governance and audit

Where to open: Portal > Governance & audit; Thesis & analysis > corporate governance disclosures

Review decision history, source state and governance evidence rather than infer quality from names.

### Controls and fields

Management/board disclosure extracts

AGM/EGM notices, resolutions and voting outcomes where connected

Source date and report page

Private workflow audit records

Rating checkpoints, memos and entities

Review governance / Review financial notes links

### How to use it

01. Read the actual report and meeting disclosures.

02. Check independence, related parties, pledges, auditor opinion and key audit matters.

03. Separate announcement, vote and implemented outcome.

04. Record decision and supporting evidence in the private notebook or owner workflow.

### How to read the result

A roster, meeting date or source existence is not a governance-quality score. Audit events establish saved workflow actions and dates.

### Saving and access

Published disclosures are public; owner workflow audit trail and governance records remain private; customer narrative assessments live in My Research.

### Availability and limits

Scanned/partial report content may omit relevant details.

No uncited misconduct claim or professional audit assurance is generated.

## 29. Legal Intelligence: materiality and case register

Where to open: Portal > Legal intelligence

Keep factual legal matters, procedural status, analyst impact judgments and cited evidence distinct.

### Controls and fields

Case title/category

Court and stage

Status

Filing/hearing dates

Disclosed/estimated exposure

Operational impact 1-5

Reputational impact 1-5

Analyst adverse-scenario assessment 1-5

Case facts/issues/arguments/court observations/business implications

Source document and citation

Regulatory action: regulator/status/title/event date/deadline/impact/source/citation

Timeline and area summary

### How to use it

01. Enter a confirmed company-linked matter from an order, filing or disclosure.

02. State neutral facts and the procedural stage.

03. Separate what the court states from conditional analyst business implications.

04. Set impact assessments and source citation.

05. Review hearings/deadlines and update with new evidence.

### How to read the result

Materiality weights: financial exposure 35%, operational impact 25%, reputation 20%, adverse-scenario assessment 20%. Low <2.4, Medium 2.4-3.6, High 3.7-5. The scenario dimension is not a prediction of court outcome.

### Saving and access

Workspace owner research only, via platform-authenticated identity. Ordinary customer login is a separate identity; use My Research for customer-owned records. Legacy public adapter returns empty private models and rejects these private writes.

### Availability and limits

Missing or estimated exposure is not disclosed liability. No label is a legal conclusion or advice.

Ordinary accounts cannot save legacy case/regulatory register records through the owner API.

## 30. Legal disclosure candidates and general precedents

Where to open: Legal intelligence > Litigation evidence & precedents

Prevent generic case law from being misrepresented as a company’s litigation.

### Controls and fields

Company annual-report litigation/contingency/tax-dispute candidates

Original report and page

Corporate Supreme Court precedent cards

Case-reference relationship: general precedent/similar case/company-disclosed case-unreviewed

Case title/court/date/original court or Indian Kanoon URL/notes

External search: company cases, similar cases, Supreme Court

### How to use it

01. Review annual-report candidate text.

02. Confirm actual parties, case identity, jurisdiction and stage.

03. Read general precedent separately.

04. Owner: save the relationship and factual differences explicitly.

### How to read the result

A general judgment or similar case does not establish litigation against the selected company. An extract candidate needs legal and factual review.

### Saving and access

Published disclosure candidates and general reference links are readable; owner case-reference writes are private.

### Availability and limits

Indian Kanoon bulk/API requires licensed token/attribution. SCC Online integration is awaiting supported licensed access; passwords are not entered into the page.

Links/search are not a complete legal docket feed.

# Discovery, private research and communication

This part covers the everyday customer journey and the wider portal modules. Availability labels identify account features, read-only published material, browser state and owner workflows.

## 01. Entry, accounts and workspace navigation

**ACCESS | Customer account**

Where to open: /login, /signup, /account; portal top bar and left navigation

Give each researcher a separate identity, private saved work and a clear path between market discovery, company work and review.

### Controls and fields

Log in / Create account tabs; Continue with Google when configured; full name; optional company name; Email/Phone signup choice; password; confirm password; account-storage consent; account-details panel

Email or phone + password login; Show/Hide password; Forgot your password; SMS OTP login; Back to login

Top links: My Research, Chat, Demo & help, My account; profile username, company, email, phone, verification, saved-company count

### How to use it

01. Open the domain; use Create account and fill the name and email fields. Supply a unique 12-128-character password twice and acknowledge the account terms.

02. After registration, copy the recovery code and store it privately before choosing I have saved it and opening the research workspace.

03. Navigate with the left-hand module buttons; the active company remains the research context. Use the top My Research link for the customer notebook.

### How to read the result

A self-entered company name is a label, not proof of company membership. Email/password signup accepts personal and company email addresses but does not verify email ownership. Customer accounts do not grant access to the publisher’s private owner records.

### Saving and access

Account details, credentials as hashes, saved lists and private research are held per customer account. Existing visitor device lists are not automatically imported into the new account.

### Availability and limits

Phone signup/login requires the SMS provider to be configured and an OTP; Google requires configured OAuth. Presence of buttons is not successful live acceptance.

Known temporary email services and common passwords are rejected. The portal requires a customer account; static public-source APIs are not a claim of anonymous portal access.

# 02. OTP, Google connection and account recovery

**ACCESS | Customer account**

Where to open: My account / account access screens

Support alternate authentication and a recoverable private account while making verification scope visible.

### Controls and fields

Send OTP / Resend OTP with countdown; phone with country code; numeric OTP; Verify OTP and log in

Continue with Google for signup or login; Connect Google account after password login for an existing account

Recovery: email/phone, recovery code, new password, confirmation; Copy code; I have saved it; Log out; Log out on all devices

### How to use it

01. If phone authentication is available, send an OTP to the account phone, wait for delivery and enter it before expiry. Changing the phone invalidates the displayed challenge.
02. For an existing email account, log in with the password first and use Connect Google account with the same Google email.
03. To recover, enter the original account contact and saved recovery code, choose a new password and save the newly issued replacement code.
04. Use Log out on all devices if sessions should be revoked everywhere.

### How to read the result

Google verifies the Google email; SMS OTP verifies current access to the phone. Neither verifies employer affiliation. A recovery code is a powerful account reset credential, not a reference number to share in support messages.

### Saving and access

Recovery replaces the saved recovery-code hash and revokes other sessions. Only the code displayed during signup/recovery can be copied; it is not later retrievable in plaintext.

### Availability and limits

OTP UI describes a ten-minute validity and enforces server-provided resend/expiry timing. No password-reset email/SMS is sent by recovery-code flow.

Google-only accounts depend on Google recovery if no LUMUNIR password is present. Live Google/phone journeys need provider configuration and real-user acceptance evidence.

# 03. Today: markets, economy and sourced context

**ACCESS | Customer account**

Where to open: Portal > Today

Start research from dated news, exchange observations, institutional flows and useful historical context.

### Controls and fields

Latest available / Today only / Last 7 days headline tabs

Refresh saved disclosures / Open screener / Investor & fund activity links

EOD company prices, qualifying screens, source-linked news, FII/DII flow table, Economy watch, History worth reading, source status

### How to use it

01. Begin with Today and inspect the observation/session dates before reading the values.
02. Choose a headline range; open the original publisher link and use the displayed research question to identify affected operating or valuation assumptions.
03. Read aggregate institutional buying/selling and the official-source date, then cross-check company fundamentals before treating a market movement as evidence.
04. Use Open full screener or a company link to move from the daily briefing to detailed research.

### How to read the result

Today is a research briefing, not a live tick terminal. News dates, market session dates, annual fundamentals and economic release periods differ. A headline can suggest a question but cannot establish causation for a stock or sector movement.

### Saving and access

Published market/source records are shared. View filters are browser state. Saving selected criteria or preferences is an owner workflow; private account lists and notebooks are separate.

### Availability and limits

Headline views show up to 15 accepted dated items. No headlines today means none were collected for that date, not that no news exists.

Latest source observations can remain from the last successful collection on weekends, holidays or failure. Collection starts at 03:00 IST; a start time is not a guaranteed completion time.

## 04. Screen styles, results and data coverage

**ACCESS | Customer account**

Where to open: Portal > Screener setup

Find companies meeting explicit accepted numeric criteria or relevant theme membership.

### Controls and fields

All styles, Value, Growth, Themes, Technical, Quality & cash flow, Saved criteria

Preset selector; Matches / Data coverage / Missing inputs / Price date counters

Search company, symbol or industry; company overview; Open Financials; Show 50 more; Export qualifying companies; Edit a copy of these criteria

### How to use it

01. Select a style and a preset. Inspect the rule explanation and count of companies with required inputs.
02. Filter results by company or industry; open Financials to inspect source periods, accounting basis and unit.
03. Review a few matches and rejected/missing-input cases before interpreting the full screen.
04. Export the qualifying universe as CSV if further analysis is needed.

### How to read the result

Every numeric rule requires a finite numeric input. Missing values are excluded instead of replaced with zero. Screened results describe collected inputs, not recommendations. Thematic membership is research relevance, not a measured revenue-exposure percentage.

### Saving and access

Preset selection/search/results are browser state. CSV is a downloaded copy. Owner saved strategy definitions are persisted privately; a customer does not inherit the owner’s saved criteria.

### Availability and limits

Initial rows are limited to 50 with Show 50 more. Export contains all matches for the selected screen and is not restricted by the visible text search or the first 50 rows.

Export columns are symbol, company name, exchange, date, close, annual P/E, revenue/profit growth, prior annual period and growth basis; it is not an export of every displayed/source metric.

No point-in-time fundamental backtest is implied; current collected annual data may be revised and is not a release-date history.

## 05. Every built-in screen: value, growth, technical and quality

**ACCESS | Customer account**

Where to open: Screener preset list

Make the built-in discovery rules reproducible and interpretable.

### Controls and fields

Value: positive annual P/E ≤20; Value cash-backed: positive P/E ≤25, PAT >0 and CFO/PAT ≥1

Growth: annual revenue and PAT each ≥15%; Profitable expansion: revenue/PAT growth each ≥10% and PAT margin ≥10%

Daily gainers ≥3%; Daily decliners ≤−3%; Unusual volume ≥2× prior 20 sessions; Above 20-session average >0%; 20-session breakout >0%; Actively traded ≥1 million shares

Profitable PAT >0; High reported PAT margin ≥15%; Positive CFO >0; Cash-backed earnings PAT >0 and CFO/PAT ≥1; Profit + price momentum PAT >0 and daily gain ≥3%

### How to use it

01. For value screens, inspect the exact EPS period and consider exceptional earnings or corporate actions.
02. For growth, confirm the current and previous annual periods have matching basis and both revenue/PAT bases are positive.
03. For technical screens, inspect the exchange, saved session and available history before interpreting the signal.
04. For quality/cash screens, use an industry-appropriate cash/earnings measure; bank balance sheets and cash flows differ from industrial companies.

### How to read the result

P/E is close ÷ positive historical annual basic EPS; earnings yield is 100 ÷ P/E. Growth is (current/prior−1)×100 over matching-basis annual dates 330-400 days apart. PAT margin is PAT/revenue×100 when revenue is positive. Cash conversion requires positive PAT. Technical prices are unadjusted and same-exchange.

### Saving and access

Rules are shared code definitions; observed values are published collected records. Every comparison retains session and financial-period context.

### Availability and limits

P/E is neither TTM nor forward. Non-positive EPS produces an unavailable multiple, not a misleading negative valuation screen.

Negative/zero growth bases, non-comparable periods, stale fundamentals and missing data are excluded. Staleness threshold is about 18 months / 548 days.

Unusual volume requires 20 prior same-exchange sessions; SMA includes the latest 20; breakout uses highs in the prior 20. Gaps/short windows can leave rules unavailable.

## 06. Thematic research universe

**ACCESS | Customer account**

Where to open: Screener > Themes

Explore business exposure using a curated business watchlist and connected source classifications.

### Controls and fields

Defence & aerospace; Energy transition; Digital infrastructure & IT; Financial inclusion

Healthcare & life sciences; Consumption & premiumisation; Mobility & electrification; Infrastructure & capital spending

Per-company theme membership basis; Open Financials and company links

### How to use it

01. Choose a theme and read the stated research question.

02. Inspect membership basis to distinguish an explicit reviewed-symbol watchlist entry from a source industry match.

03. Verify material operating segments and economics in the company’s original disclosures.

04. Add differentiated peers or an idea only after checking exposure, funding and valuation.

### How to read the result

Theme inclusion marks a broad research factor. Defence orders are not automatically revenue; EV adoption does not automatically create shareholder value; AI expenditure does not automatically mean profitable revenue.

### Saving and access

Theme definitions are shared. Viewing a theme changes only browser screen state; a saved notebook assessment remains per customer.

### Availability and limits

No measured percentage exposure, thematic performance index or identical-company substitutability is supplied.

Symbol watchlists and text classifications can require review after corporate actions or changes in business.

## 07. Save a custom screen or strategy definition

**ACCESS | Owner workspace write; customer read-only preset research**

Where to open: Screener > Save my strategy

Record explicit numeric rules and the research assumptions behind them.

### Controls and fields

Strategy name up to 180 characters; Research type Technical + fundamental / Technical / Fundamental

Research notes, entry/exit/risk assumptions up to 4,000 characters

Add criterion / remove criterion; metric; ≥ / ≤ / > / <; numeric threshold; Save strategy

Available metrics include daily change, shares volume, volume ratio, SMA distance, breakout distance, PAT, revenue, margin, CFO/PAT, CFO, EPS, close, annual P/E, earnings yield and annual revenue/PAT growth

### How to use it

01. Choose Edit a copy of these criteria to prefill a numeric preset or create a new definition.

02. Name the strategy, choose the research type and add finite thresholds using supported metrics.

03. Explain entry/exit/risk assumptions in notes and save.

04. Rerun the definition against current collected observations; inspect eligibility and missing-input counts.

### How to read the result

A saved rule definition is a screen, not executed trading logic or proof of historical profitability. Free-text entry/exit notes are recorded; they do not execute an arbitrary strategy.

### Saving and access

Owner private strategy records are persisted and can be rerun in owner workspaces. Customer public adaptation blocks writes that change private owner research.

### Availability and limits

Requires owner workspace access and supports 1-12 validated rules.

Customer accounts can use built-in public screens but should record their own thesis in My Research rather than expecting this owner save control to work.

## 08. Investor and fund activity: Indian disclosed trades

**ACCESS | Customer account**

Where to open: Portal > Investor & fund activity > Indian investor & trader activity

Turn disclosed bulk/block transactions into source-based research questions.

### Controls and fields

Global / Indian scope tabs; Refresh saved disclosures; search investor, company or security

All transactions / Buys / Sells; Show 30 more

Investor, company, BUY/SELL, shares, weighted price, disclosure kind/date; Research this transaction details; Copy research questions; Explore related theme

### How to use it

01. Select Indian scope and filter the latest accepted exchange transactions.

02. Open the original exchange disclosure and check investor names, both buy/sell sides, net disclosed quantity and comparison with normal volume.

03. Expand the research question and identify the operating/valuation thesis to test.

04. Copy questions with the original source and use the notebook to record the countercase.

### How to read the result

Disclosed transaction quantity is not a portfolio holding and not proof of a long-term view. Trading may represent arbitrage, execution or liquidity provision. The displayed possible thesis is LUMUNIR’s question, not the participant’s disclosed rationale.

### Saving and access

Shared disclosure archive and metadata; local filters and clipboard output. No brokerage feed or order execution.

### Availability and limits

Initial display 30 entries, then more. Source gaps can leave the latest accepted date older than today.

Themes show related research factors, not substitute trades or instructions to copy an investor.

## 09. Investor and fund activity: global reported holdings

**ACCESS | Customer account**

Where to open: Investor & fund activity > Global investors & funds

Compare accepted public manager filings while respecting filing scope, delays and amendments.

### Controls and fields

Manager cards with style, holdings period and filing date

Search issuer, security class or instrument; Reported changes / All positions / New disclosures / Increased / Reduced / No longer reported

Previous 30 / Next 30; current filing and prior filing links; quantities, quantity type, previous quantity, change, reported USD value; possible thesis details

### How to use it

01. Select a manager and inspect period-end, filing date and comparison status before looking at holdings.

02. Choose All reported positions if reporting scopes differ; only use change labels where a comparable prior report is accepted.

03. Read current/prior filings and security classes to distinguish shares from other instruments.

04. Use possible-thesis questions to investigate your own hypothesis and countercase.

### How to read the result

Changes in reported positions are not a live trade feed. Current holdings can differ by the time a filing appears. No longer reported is a filing comparison label, not automatic proof of a completed market sale.

### Saving and access

Shared published filings and accepted snapshots; manager/filter/page state in the browser; clipboard questions are downloaded/copied outputs.

### Availability and limits

Quarterly SEC filings can arrive up to 45 days after quarter end; shorts and much non-US exposure are absent.

Initial selected snapshots may be partial. Amendments or scope differences require reconciliation and suppress directional inference. Missing source snapshots remain unavailable rather than invented.

## 10. Idea funnel: six kinds of research opportunity

**ACCESS | Customer account**

Where to open: Portal > Idea funnel

Translate observations into a testable thesis, countercase, next research checks and a concrete request for a senior analyst.

### Controls and fields

All / Company / Valuation / Macro / Papers / Institutional category tabs and counts

Find a research question text search; Refresh saved research / Try again

Cards: observation date, metrics, observation, thesis to test, 30-second meeting pitch; Countercase, next checks & sources details

Decision to ask your senior, formulas, financial period/basis, limitations, original source links; Add to meeting shortlist; Open company analysis; Open Quantitative Analysis

### How to use it

01. Start with a category and find a question relevant to your current research.
02. Read the observation separately from the proposed thesis and inspect the source date and metric formula.
03. Expand countercase and next checks; identify what evidence could invalidate the idea.
04. Open the company or quantitative workspace to test it, then shortlist a dated snapshot for your meeting.

### How to read the result

Cards are research proposals; adding one does not prove the thesis. Paper cards infer reproduction questions from titles/topics and do not claim the authors' findings have been reproduced.

### Saving and access

Public idea cards are prepared from shared accepted data. Meeting shortlist is saved only in localStorage on this browser/device; it is distinct from owner saved opportunities and account notebooks.

### Availability and limits

Source publications retain actual dates; annual macro observations are not daily GDP data.

Company cards require collected close, usable positive annual EPS and non-stale fundamentals; eligibility counts describe available inputs rather than whole-universe completeness.

## 11. Meeting shortlist, assessment and downloadable brief

**ACCESS | Customer account**

Where to open: Idea funnel > Ideas worth discussing sidebar

Preserve a dated research proposal and add personal judgment before a meeting.

### Controls and fields

Up to 10 shortlist ideas; Research stage: Needs research / Investigating / Ready to discuss

Your assessment/evidence still needed up to 4,000 characters; Copy pitch; Remove

Source-brief changed notice; Use latest brief; Download meeting brief

### How to use it

01. Add two or three ideas, assign the research stage and record which source/assumption remains unchecked.
02. When a card changes, choose whether to keep the dated snapshot or use the latest brief; personal note/stage are retained when updating.
03. Copy the concise pitch and request, or download the text meeting brief.
04. Use the brief to request a defined next step and transfer durable conclusions into your saved notebook.

### How to read the result

The shortlist stores snapshots, not live-updating truth. Stage is your assessment. Ready to discuss does not mean independently verified.

### Saving and access

Shortlist is device/browser localStorage. Download is a plain-text file with title, dates, stage, metrics, observations, thesis/countercase, next checks, senior request, pitch, assessment, calculation and sources.

### Availability and limits

Maximum 10 entries. Browser storage can fail or be cleared; download before leaving if an error appears.

It is not automatically synced to another device or imported into account saved research. Clipboard availability depends on the browser.

## 12. Idea research desk: country/sector valuation and institutional data

**ACCESS | Customer account**

Where to open: Idea funnel > Research data desk details

Keep macro context and valuation comparisons transparent next to the idea-generation workflow.

### Controls and fields

Country market cap/GDP: annual year, ratio, prior available year, data check/revision note

Official NSE sector index valuations: session, P/E, P/B, dividend yield, daily move

Company industry subset: positive annual P/E median, count, price session, annual-period sample

Institutional flow tables with buy/sell/net; recent available observations; How ideas are selected & when data was checked

### How to use it

01. Expand the desk, match country observation years and read revision warnings.
02. Compare official sector index multiples separately from the collected-company subset median.

03. Check FII/DII and mutual-fund report dates; use available reporting dates rather than assuming a complete daily series.

04. Read coverage, collection attempts, source failures and idea rules before relying on a card.

### How to read the result

The company industry median is an equal-weight subset median of positive P/Es, not the official index P/E. FII/DII flows are aggregate provisional cash-market flows; mutual funds overlap with DII and must not be added again.

### Saving and access

Shared published datasets. The desk does not transmit the customer’s local shortlist or notes to source providers.

### Availability and limits

Annual World Bank market-cap/GDP is year-end domestic market cap divided by annual GDP; daily checks cannot create a daily ratio.

Subset periods and undated secondary industry definitions differ; check economic comparability and original definitions. Missing index ratios remain blank.

## 13. Watchlist and portfolio research lists

**ACCESS | Customer account**

Where to open: Portal > Watchlist / Portfolio; company star and Add to Portfolio

Separate companies to monitor from a separately saved portfolio research list.

### Controls and fields

/ header star toggles watchlist; + Watchlist / + Portfolio actions in screens/company pages

Add active company; Company overview; thesis/next research question textarea up to 6,000 characters; Save note; Remove; add to opposite list

Per-company saved date and storage message

### How to use it

01. Select a company and add it to the relevant list. A company can appear in both independently.

02. Open the list, write a short thesis or next question and select Save note.

03. Use Company overview to resume analysis, then remove entries no longer relevant.

04. Use these followed lists to filter the company event calendar.

### How to read the result

Portfolio here is a research list. It does not create a weighted position, prove a real holding or submit an order. The separate Portfolio risk module manages manual research weights.

### Saving and access

Logged-in customer lists are persisted to that customer account. Earlier anonymous visitor lists remain on the device and are not automatically imported. Owner lists persist in owner records.

### Availability and limits

Device-mode adapter caps saved records at 500. Account restrictions follow server policy.

Do not confuse this portfolio list with weighted Portfolio risk, account notebook reviews, or the device-only idea shortlist.

## 14. Global macro: select economies and compare dated benchmark proxies

**ACCESS | Customer account**

Where to open: Portal > Macro intelligence; Idea funnel > Macro

Compare economies, benchmark valuation and released economic conditions without mixing dates or instruments.

### Controls and fields

Economy buttons: India, USA, Singapore, Japan, UK, Germany, China, Brazil, South Africa, Canada, Australia

Comparison base; Same valuation date only; Reload latest collected data

USD close, daily NAV move, issuer P/E/P/B, earnings yield, trailing distribution yield, P/E versus base

Annual market cap/GDP detail; Same reporting-year group only

### How to use it

01. Choose relevant economies and a base. Keep the date-match controls on for the closest available comparison.

02. Read the benchmark proxy, currency and each observation date; open issuer/official sources.

03. Compare P/E versus base only when dates match and both positive multiples exist.

04. Inspect annual market-cap/GDP separately and check excluded older reporting years.

### How to read the result

US-listed iShares ETFs are country benchmark proxies priced in USD, not local index levels or whole-country valuation ratios. Portfolio composition, FX, fees and issuer treatment of negative earnings affect comparisons. Earnings yield is 100/P/E, not forecast return.

### Saving and access

Selected economy identifiers persist only in browser localStorage. Base/date-match and scenario settings are browser state; published macro data is shared.

### Availability and limits

Keep at least one economy selected. Matched valuation-date mode chooses the most populated available date group, not a guarantee all markets are present.

Annual matching excludes older-year observations and can reduce coverage. An annual collection check is not a same-day GDP observation.

## 15. Global valuation sensitivity: one-year scenario

**ACCESS | Customer account**

Where to open: Macro > Valuation sensitivity

Expose the dependence of a price scenario on earnings growth and exit multiple.

### Controls and fields

Benchmark; Earnings growth %; Exit P/E ×; calculated price-only scenario with formula and issuer P/E observation date

### How to use it

01. Select a benchmark and inspect its current issuer P/E date.

02. Enter your earnings-growth and exit-multiple assumptions.

03. Observe the instantaneous calculation and stress both inputs; record supported assumptions in your own notebook.

### How to read the result

Price-only scenario = [(1+growth/100)×exit P/E/current P/E−1]×100. This decomposes assumptions; it is not an expected return or price forecast.

### Saving and access

Inputs are browser working state; no model save is implied by changing them. Capture the view or record assumptions in My Research to preserve them.

### Availability and limits

Requires positive current/exit P/E and growth above −100%. The scenario excludes distributions, currency, fees and constituent changes.

Displayed input ranges are growth −99% to 500% and exit P/E 0.1 to 200×. No independent forecast validation.

## 16. Macro releases: economic readings, rates and FX

**ACCESS | Customer account**

Where to open: Macro > Economic comparison / Rates, currency & macro conditions

Connect released economic facts to research questions while preserving series definitions and actual periods.

### Controls and fields

Annual real GDP growth, annual CPI inflation, modelled ILO unemployment with prior dates and percentage-point change

Policy-rate, effective overnight-rate and sovereign-yield cards; matched-date US 10y−2y spread

ECB local-currency-per-USD reference-rate table with date and prior-date percentage change

India CPI/GDP/industry/reserves/liquidity official tables; expandable original-source status

### How to use it

01. Read economic indicator and year before comparing changes; avoid ranking readings from different years.

02. Compare like rate instruments and note that policy, overnight and sovereign yields have different meanings.

03. Read FX direction: more local currency per USD generally means local depreciation relative to the dollar.

04. Open India release tables and retain observation period/provisional labels in your company transmission analysis.

### How to read the result

US matched-date yield spread is (10-year−2-year yield)×100 bps. FX converts ECB currency-per-EUR ÷ USD-per-EUR; reference prices are not executable quotes. Annual macro comparisons and monthly event releases answer different questions.

### Saving and access

Shared published data. Reading/exploring filters changes browser state; analyst transmission observations are separate owner records or personal notebook entries.

### Availability and limits

Same-day rate matches required for the displayed US spread. Official source business/publication calendars differ.

UI limits each macro release to first 5 tables and first 35 rows per table; use original source for complete releases.

## 17. Institutional net-flow changes and available-report sums

**ACCESS | Customer account**

Where to open: Macro > India institutional flows

Track the level and change in reported aggregate institutional buying without double counting.

### Controls and fields

Institution, report date, gross buy/sell/net, change in net vs prior report, last 5/20 available report sums

Available daily reports & source checks details

### How to use it

01. Inspect the latest and previous dates and compare net buying with the prior available reading.

02. Check the report count beside the 5/20 sums before treating them as a continuous-session measure.

03. Relate flows to company/sector data as a hypothesis, then examine contrary evidence.

### How to read the result

Change in net = latest net−prior available net. Five/twenty sums are sums of available reports, not guaranteed consecutive sessions. Indian NSE FII/FPI/DII and SEBI mutual-fund reports are distinct series with overlapping DII/MF scope.

### Saving and access

Shared official-source observations; no person-level or customer holdings are read.

### Availability and limits

Do not add DII and MF totals. Flows do not disclose specific stocks or explain a confirmed motive.

Indian institutional flows are not a global FII/DII aggregate. Sources can report different dates.

## 18. Earnings and event calendar: followed companies first

**ACCESS | Customer account**

Where to open: Portal > Event calendar

Prioritise announced events for followed companies, then official macro schedules and broader announcements.

### Controls and fields

Followed companies: Watchlist + portfolio / Watchlist / Portfolio

Horizon: Next 30 / 90 / 180 days; Include previous 14 days; Reload latest collected data

Economy: All connected calendars / India RBI / USA Fed-BLS-BEA / Singapore MAS / Japan BoJ / UK BoE / Euro area ECB

Find company/announcement search; official notice/source links; issuer local time and IST where convertible; source availability details

### How to use it

01. Save companies in the watchlist or portfolio first, then open the calendar and choose list scope/horizon.
02. Read official announced event dates and the research preparation question on each card.
03. Filter connected macro calendars and verify local/IST times and notices before planning a meeting.
04. Search broader announcements separately; publication dates in recent announcements are not future appointment dates.

### How to read the result

A board-meeting notice is not proof of a scheduled earnings call or forecast results. No matching collected event does not establish no event is scheduled. Local time is converted to IST only when an actual date/time/timezone is supplied.

### Saving and access

Followed lists are matched locally in the browser and are not sent to the public calendar API. Event observations are shared. Manual owner events are a separate research workflow.

### Availability and limits

First 100 matched followed-company events, 80 macro events, 40 other-company notices and 18 recent announcements are displayed.

NSE board-meeting/corporate-action coverage is explicitly partial. Official schedules may change; these are not personal calendar reminders or calendar-sync confirmations.

## 19. Company transmission map and saved macro interpretation

**ACCESS | Owner company-scoped write; published macro available to customers**

Where to open: Macro > Company transmission map & saved analyst observations

Separate observed macro facts from a company-specific causal interpretation.

### Controls and fields

Factor/title; category (commodity, rates, inflation, currency, liquidity/credit, demand/growth, fiscal, regulation, global cycle, other)

Observed date; source fact/condition; direction Rising/Falling/Stable/Mixed; outlook/current impact Under review/Supportive/Neutral/Adverse/Mixed

Impact strength 1-5; near/medium/long horizon; transmission mechanism; company implication/KPI; linked thesis risk

Official source name/URL; private document and page/section; Save macro observation

### How to use it

01. Choose the company, state the source fact and date, then write the chain from macro factor to operating/financial driver and valuation/thesis input.

02. Record impact/outlook separately and identify the metric that will test the interpretation.

03. Attach a public official URL or owner supporting document with precise citation; save the observation.

### How to read the result

External citation and source linkage describe provenance. They do not automatically verify a causal interpretation or establish a legal/financial outcome.

### Saving and access

Owner private company-scoped macro records. Customer accounts can read public macro data and save their own interpretation in My Research; legacy macro writes are owner-only.

### Availability and limits

A saved reading is analyst-controlled, not a provider-generated forecast.

No automatic personal alert/reminder or implemented predictive transmission model is implied.

## 20. Industry and sub-industry book: all eleven chapters

**ACCESS | Customer account**

Where to open: Company Overview / Company profile / Industry book

Teach industry economics next to company evidence and turn general frameworks into specific research tests.

### Controls and fields

Industry guide selector; Sub-industry focus / All sub-industries; Company accounts Consolidated/Standalone

Chapters: Industry overview; Value chain & economics; Demand & costs; Competition & advantages; Metrics & company evidence; Cycles, risks & regulation; Valuation framework; Articles & essays; Research checklist; Industry glossary; AI gist & sources

Find in this industry book; recommended-guide buttons; sub-industry cards; guide tags linking chapters, metrics, sub-industries and reading sources

Company overview / Financials / Business disclosures / Peer comparison / My Research / Attach research toolbar

### How to use it

01. Select a company and open Industry book. Read the company classification source and recommendation basis; choose separate guides for material operating segments.

02. Work through value chain, demand/cost, competitive advantages, sector metrics, cycle/regulatory risks and valuation questions.

03. Use Company accounts to inspect a basis-matched annual evidence snapshot, then open full Financials for complete statements.

04. Search a term to navigate matching passages, read original linked reports/articles and attach relevant analysis to the customer notebook.

### How to read the result

Selecting a guide is a reading focus; it does not edit company classification. The lessons include evidence tests, countercases and labelled hypothetical examples. Sector metric definitions are guides, not current reported company values. Multi-segment businesses need separate economic analyses.

### Saving and access

Guide choice/search/accounting basis are page state per company. Guides are shared editorial content. Private captures are saved to the chosen customer notebook. AI publisher-read gists, if generated, are shared cached summaries.

### Availability and limits

Eleven chapters; book search displays first 40 matches, with up to 350-character passage previews.

Company evidence table shows first 24 inputs; stale evidence is labelled; identity warnings withhold figures. Source/guide recommendation may require review.

AI gist generation requires configured/available AI and is deferred with API-credit work; complete reading guides remain usable without AI. Shared gists cache for up to 30 days.

## 21. Industry strategy, source reading and research checklist

**ACCESS | Customer account**

Where to open: Industry book > Competition / Articles / Research checklist

Make general industry frameworks actionable and keep source tests alongside every claim.

### Controls and fields

Expandable Porter-framework competitive factors; qualitative evidence indicators; Challenge the claim; Apply in Peer comparison

Original LUMUNIR educational essays with evidence checklist, countercase and hypothetical worked example

Publisher reports/articles with title, publisher, kind and note; reviewed-link date; glossary

Industry/company checklist and original-report links; Reliance segment-specific guides where applicable

### How to use it

01. Read a framework and convert its general lesson into a measurable company question.

02. Check customers, suppliers, competitors, entrants and substitutes using sourced company/peer evidence.

03. Choose peers by economic model and open Peer comparison to inspect periods/basis before comparing numbers.

04. Retain URL, title, observation period, page/table, definition, unit, assumption, countercase and next review trigger with the conclusion.

### How to read the result

A potential advantage is not proof of a moat. Framework essays and illustrative examples are educational material; they do not become company evidence unless a company source supports them.

### Saving and access

Educational guides and external source links are shared. The research checklist itself is a reading aid; saved decisions belong in account My Research.

### Availability and limits

Publisher links can change; reviewed-link date is not the source’s business-effective date.

The bank/financial business analysis must use funding, credit losses, capital and liquidity rather than an unchanged industrial cash-flow model.

## 22. Valuation reading room and investor-principle methods

**ACCESS | Shared educational references; owner saved assessments/editing**

Where to open: Portal > Valuation studio; Research Foundation > Investor principles

Use investor writing and internal reusable questions to challenge company research, while preserving evidence and individual judgment.

### Controls and fields

Reading search by title/author/year; Check sources now; original Buffett letters, Howard Marks memos, Damodaran links; video lessons where linked

What can we learn / Analysis workspace; your analysis text up to 20,000 characters; Save edited analysis; Copy source & analysis

Principles: company chooser independent of active company; method lens; next gap / Review next gap; coverage map; principle selector

Assessment Not assessed / Supported / Needs more work / Concern / Not applicable; observation; supporting document; page/table/section; Save company assessment

### How to use it

01. Read the original reference and separate the author’s message from your company-specific application.
02. For owner principle assessment, choose the intended company and method lens; use Review next gap to work through an untested question.
03. Write an observation, state contrary evidence and attach company-specific source/page rather than treating a book as proof of a company fact.
04. Copy a source/application or capture it into My Research; inspect research-coverage counts separately from source-linked counts.

### How to read the result

General methods improve the questions and safeguards; they do not change stars or prove company facts. An assessed checklist can still have missing source evidence. A linked document/page is provenance, not automatic factual verification.

### Saving and access

Shared learning references are viewable. Legacy edited analyses and company-principle assessments persist in the owner workspace and are not customer-account notebook records.

### Availability and limits

Customer adaptation can read the published foundation/references but blocks owner assessment/edit writes. Use customer My Research for your own saved application.

Underlying confidential principle source materials are not exposed as company evidence. Link/source collection controls require owner access; presence of a control is not a public save entitlement.

## 23. Quantitative analysis: observed price returns and risk

**ACCESS | Customer account**

Where to open: Portal > Quantitative analysis > Observed returns & risk

Describe the selected company’s accepted exchange history with transparent dates, sources and sample limitations.

### Controls and fields

Exchange; sessions; from/to window; window return; daily sample volatility; annualised volatility; maximum drawdown

Latest 60 observation rows with date, close ₹, return %, traded-share volume and original exchange source

Company charts and technical window/indicator controls in company analysis

### How to use it

01. Choose a company and open quantitative analysis.

02. Inspect exchange and sample length first; read the date window, calculation methodology and data limitations.

03. Open source links for suspicious dates/values and separate historical sample description from a forecast.

04. Attach a chart or table to the private notebook if it supports a research question.

### How to read the result

Adjacent simple returns and sample standard deviation describe observed unadjusted prices. Annualised volatility uses 252-session scaling for exchange daily observations; maximum drawdown is within the supplied window, not a lifetime company risk measure.

### Saving and access

Shared stored quote history. Viewing/statistics are read-only published calculations; chart/table capture creates a dated private account attachment.

### Availability and limits

No history means no stored exchange observations, not zero return or risk.

Unadjusted prices exclude dividends/corporate-action corrections and can show artificial moves around corporate actions. Only latest 60 observation rows are shown in this panel.

## 24. Private data register: import an exact CSV and review it

**ACCESS | Owner workspace**

Where to open: Quantitative analysis > Private data register

Prepare reproducible owner calculations from an authorised dated input version.

### Controls and fields

Data type: Company price / Benchmark price / Financial statement / Factor-macro / Corporate action / Custom series

Frequency: Daily / Weekly / Monthly / Quarterly / Annual / Event; Data as of; Corporate-action treatment Adjusted/Unadjusted/Separate actions/Not applicable/Unknown

Source name; Source reference/file version; Dated CSV file; Import private data

Imported dataset chooser; Human reviewer; Review note; Mark source reviewed; original-private-CSV download and saved dataset list

### How to use it

01. For an owner workspace, obtain an authorised CSV with date or period and close/price/value/amount header; use YYYY-MM-DD dates.
02. Declare source, reference, frequency and corporate-action treatment, then import.
03. Download the exact stored CSV, compare it with the original and record a named reviewer and review note.
04. Mark that exact version reviewed before using it in a controlled calculation.

### How to read the result

Importing a dataset does not call it verified or live. Named source review is a gate for the exact imported version, not proof that every economic assumption is sound.

### Saving and access

Owner-scoped private object storage and dataset manifests/content hashes; source files are not shared in public/customer research.

### Availability and limits

Customer public adaptation blocks private-data imports/reviews.

Event-frequency data is available as a register type but is not an eligible controlled returns/risk frequency. Dates, malformed values, duplicate periods and source treatment need review.

## 25. Controlled returns and risk calculation

**ACCESS | Owner workspace controlled processor**

Where to open: Quantitative analysis > Run controlled returns & risk

Run a narrow server calculation from the exact reviewed owner source version.

### Controls and fields

Run title; Reviewed company price data; optional reviewed benchmark; start date; end date; annual risk-free rate

Run & save calculation; Controlled calculation results; Saved quantitative runs

Total return, CAGR, mean/sample variance/annualised volatility, drawdown, Sharpe, Sortino, downside deviation, historical VaR/CVaR; matched-date benchmark beta/alpha/correlation/$R^2$

### How to use it

01. Import and name-review the company price dataset; optionally import a same-frequency benchmark dataset.

02. Choose dataset versions and a date range with at least three readable observations; supply the risk-free assumption.

03. Run and save; inspect source/version, frequency, sample warnings and formula version with the results.

04. Open a saved run to inspect its exact original inputs and methodology before comparing later calculations.

### How to read the result

The server rejects unreviewed/versionless data and browser-submitted calculation results. Annualisation follows saved frequency: daily252, weekly52, monthly12, quarterly4, annual1. Benchmark comparisons use common dates and matching frequency.

### Saving and access

Owner private runs store input manifests/version, series, results, formula version, methodology, assumptions and warnings. Public quote-statistics are a separate read-only path.

### Availability and limits

At least three observations after date filtering; recent saved-run list is bounded to 50.

No causation, future persistence or expected return is established by beta/correlation/regression. Advanced factor/PCA/optimisation/XIRR/smoothing/predictive controlled processors remain gated.

## 26. Strategy Lab: supplied-series backtest

**ACCESS | Owner workspace research backtest**

Where to open: Quantitative analysis > Strategy Lab

Test an explicit implementable historical rule rather than an arbitrary verbal trading idea.

### Controls and fields

Idea title/text; industry metric model; executable signal Buy and hold / Price above moving average / Positive momentum

Input frequency Daily/Weekly/Monthly; start/end date; lookback2-250; stored additional entry/exit/invalidation text

Maximum allocation1-100%; optional stop loss/take profit; transaction cost bps; optional risk-free rate

Source name/reference; chronological positive company prices; optional aligned benchmark and existing-portfolio index series; optional uploaded source and page/section; Run & save backtest

Results with return/risk/implementation and optional portfolio blend; saved backtests

### How to use it

01. State a documented thesis and select the supported signal matching what can actually be executed.

02. Enter at least six positive chronological observations, dates/frequency and exact source declaration; align optional benchmark/portfolio series.

03. Specify allocation, lookback, costs and optional stops/targets, then run.

04. Review the implementation assumptions and saved result; challenge corporate-action treatment, sample selection and transaction costs.

### How to read the result

A signal formed at the end of a period applies to the next; the next price is not used to form that signal. Additional free-text rules are stored, not automatically converted into executable logic. Stops/targets use end-of-period values.

### Saving and access

Owner private backtest stores exact supplied series, rule, source declaration, assumption/result and dated source linkage. It never reads a live customer portfolio or sends an order.

### Availability and limits

Owner-only writes. End-of-period execution excludes intraday fill order, liquidity, slippage beyond entered costs, taxes, dividends and real brokerage execution.

Evidence/source-linked labels are not performance verification. A linked document requires precise citation. No verified outcome without underlying source review.

## 27. Analyst experiments: lagged SMA and return bootstrap

**ACCESS | Owner workspace exploratory experiments**

Where to open: Quantitative analysis > Run an analyst experiment

Provide a limited exploratory experiment on stored exchange EOD data, optionally linked to a paper question.

### Controls and fields

Run name; Method Technical backtest long/cash / Return bootstrap simulation

SMA lookback3-200 sessions; Cost per trading side0-500bps; Simulation horizon1-252 sessions; Random seed; Related paper/source URL

Run & save privately; saved result cards

### How to use it

01. For owner access, select an experiment method and inspect the selected company’s EOD window.
02. For the SMA test, choose lookback with at least two later observations and set per-side cost.
03. For bootstrap, choose horizon and seed; inspect p5, median, p95 and loss frequency, including sample limitations.
04. Link a source paper to explain the hypothesis; do not label a generic experiment as reproduction of that paper.

### How to read the result

SMA is long/cash, uses prior known closes, charges change/final-liquidation costs and compares buy/hold over the same window. Bootstrap creates 500 independent resampled-return paths with replacement and a reproducible seeded PRNG.

### Saving and access

Owner private saved experiments; last 30 returned by API and first10 rendered in the panel. Related paper URL is provenance/hypothesis linkage only.

### Availability and limits

At least10 same-exchange observations required; SMA additionally needs lookback+later data.

Bootstrap percentiles are model outcomes, not forecasts/confidence intervals; serial dependence, future regime changes and fundamental point-in-time strategies are not modelled.

This separate exploratory bootstrap should not be confused with the disabled advanced controlled Monte Carlo processor.

# 28. Industry metric model and custom metric definitions

**ACCESS | Owner workspace**

Where to open: Quantitative analysis > Industry & company metric model

Select business-appropriate research questions and add metrics that a general template misses.

### Controls and fields

Industry models: Integrated energy-retail-digital, Banking-financials, Automobile, IT services, Pharma-healthcare, Capital goods-infrastructure, Ports-logistics, Consumer, Telecom, Metals-mining

Save metric model; template definitions; company-specific metric name/category/unit/desired direction/why it matters

Optional linked source/page-section; Add company metric

### How to use it

01. Choose the model most relevant to the selected economic business.
02. Read the template definitions and add a company-specific KPI with explicit unit, direction and rationale.
03. Attach a source/page when available; later record actual dated observations separately.

### How to read the result

Selecting a model chooses default research questions; it does not classify/score a company automatically. A metric definition is not a reported observation.

### Saving and access

Owner private company metric profile and custom definitions; shared templates remain unchanged.

### Availability and limits

Customer private-owner writes are blocked.

A desired direction needs contextual reasoning: growth/volume higher is not automatically better if capital, risk or cash quality worsens.

# 29. Quant research library and source summary

**ACCESS | Customer account**

Where to open: Quantitative analysis > Quant research library; /research papers view

Browse dated papers/commentary and request a bounded source-reading explanation when AI is available.

### Controls and fields

Search title/author/topic; topic dropdown; Show more papers; source title/author/provider/topic/publication/first-seen date

Open original source; Source collection status; Check sources now owner control

AI summary & investor implications; optional authorised full paper text up to60,000 characters; summary modal Close/Try again/Generate again

Source coverage, generated date, saved/edited learning text and Link to experiment owner control

### How to use it

01. Find a paper by topic or author and open the original. Distinguish paper/preprint/commentary metadata.

02. Read what source content is available before requesting AI; optionally provide authorised full text if only an abstract or publisher excerpt is readable.

03. Inspect summary coverage and date; check assertions against the original, record limitations and a reproduction question.

04. Connect a testable method to an owner experiment or record it in the customer notebook.

### How to read the result

Reading a title/link does not mean full-paper content was read. Summaries explicitly label abstract/excerpt/full supplied-text coverage. A linked generic experiment does not reproduce the paper's exact method or results.

### Saving and access

Shared library metadata/links; owner analyses saved privately. Public paper summaries from publisher-readable sources are cached separately for30 days. Supplied text is not public-summary cached. Customer notes require capture/My Research for persistence.

### Availability and limits

AI/API credits are deferred; original papers and non-AI research remain accessible. No live-provider success is claimed.

Public source summary allows up to12 new summaries/day shared; already cached results can be reused. Initial library displays30 with Show more; source collection has publication-dependent gaps.

Customer adapted Check sources now, edited-analysis save and Link to experiment writes are owner-only.

## 30. Paper-to-Model, claims, outcome checks and simulation drafts

**ACCESS | Owner research architecture; gated processors**

Where to open: Research Foundation > Paper-to-Model workspace

Record source-linked methods, assumptions, claims and dated data manifests before a processor is authorised.

### Controls and fields

Authorised paper review queue and selected paper; extraction/review lifecycle

Assumption add/edit/include/exclude with original/effective value and page-linked evidence

Claim kind Hypothesis/Forecast/Assumption/Finding/Methodology; citation and source-linked claim record; schedule claim outcome check

Point-in-time dataset manifest; source/reference/as-of and ingestion state; draft title/scenario type/date/dataset/claim/scenario inputs/limitations; Save simulation draft

Draft types Historical replay / Sensitivity / Monte Carlo / Downside-drawdown / Backtest / Paper claim outcome

### How to use it

01. With owner access, choose an authorised uploaded paper and retain original page/section citations.
02. Add assumptions, edit effective values while preserving the source value, and mark inclusion/exclusion explicitly.
03. Register a dated dataset manifest and record the claim to test; schedule a separate outcome-evidence check.
04. Save scenario inputs and limitations as a simulation draft; only a separately authorised processor can later create actual calculation outputs.

### How to read the result

Paper review, a manifest, an outcome request and a simulation draft are distinct records. Saving one does not execute a model, verify the claim or prove a paper’s result.

### Saving and access

Owner private foundation records are company/source/date scoped. Customer adapter exposes published foundation status without private owner records and blocks draft/claim/assumption writes.

### Availability and limits

Automatic paper interpretation/extraction and advanced simulations remain disabled unless their exact reviewed processor and inputs are authorised.

No fabricated simulation result should be inferred from a saved draft or pending lifecycle.

## 31. Customer My Research: choose a company and build the thesis

**ACCESS | Customer account**

Where to open: /my-research

Preserve private analytical reasoning with a dated snapshot of the evidence available when it was saved.

### Controls and fields

Find company; Published directory selector; Saved research sidebar; company context; Private to your account tag

Reporting basis Consolidated/Standalone; Next review; Save private review; Check for changes

Investment thesis; strongest opposing argument; important assumptions; risks/uncertainties; invalidation conditions

Business resilience; management/capital allocation; balance-sheet strength; valuation/implied expectations; written bear/base/bull assumptions; learning

Research templates General/Bank/IT services/Manufacturer/Retailer; sector/accounting investigation prompts

### How to use it

01. Open My Research and find the company by name/symbol. Choose the reporting basis before reading the evidence.
02. Write a falsifiable thesis, a strong opposing case, explicit assumptions and observable invalidation conditions.

03. Choose a relevant sector template; consider cash, working capital, exceptional items, related parties and audit questions in the original sources.

04. Set the next-review date, separate business quality from price and save the private review.

### How to read the result

The notebook separates evidence, individual judgment, uncertainty and scenarios. A completed review is not a combined unexplained score or a trade recommendation. Missing data can remain an open question while analysis is saved.

### Saving and access

Saved review payloads and evidence baselines are customer-account private and versioned. Unsaved text remains only in the open page; changing company/leaving triggers a warning.

### Availability and limits

Text fields up to9,000 characters each. Company-picker list displays first100 matches and retains the current selected company; narrow the search when more match.

A shared company URL does not share the notebook. Server customer ownership is checked per request.

## 32. Notebook coverage, source evidence and change baseline

**ACCESS | Customer account**

Where to open: My Research > Coverage & changes

Make exactly which evidence supports a saved review visible and detect changes without silently replacing the analyst’s reasoning.

### Controls and fields

Available annual periods by basis; listed source-entry count; latest annual end/staleness

Annual period-end years missing from ten-year window; new source-entry count; Check for changes

Inspect available financial figures and their source; Published source links

Metric comparison table: saved evidence, current evidence, period/unit and review prompt

### How to use it

01. Read the selected basis and latest available period, then inspect original source anchors and extraction limitations.

02. Save a review to establish a baseline; later select Check for changes.

03. Distinguish a new period from same-period revised evidence, earlier-period coverage regression and newly connected source records.

04. Check the original statement for restatement/parser/rounding changes before interpreting a changed number as a business change; save your new assessment as another version.

### How to read the result

Changes compare current available annual evidence with a saved review. They do not monitor every announcement, management guidance, intraday price or complete report. Different units/periods are labelled rather than treated as directly comparable.

### Saving and access

Baseline is captured at review save and remains with that version; refreshing evidence preserves unsaved draft text. Source lists and snapshot are bounded concise views.

### Availability and limits

Source entries capped at250; one selected annual snapshot, first60 suitable non-dimensional unique-key metrics, with omitted count.

About18-month old annual evidence is labelled stale. Identity warnings and missing years remain visible. Listing/source-link availability is not a complete parsed/verified ten-year history.

## 33. Evidence ledger and management commitment tracker in My Research

**ACCESS | Customer account**

Where to open: My Research > Your evidence ledger / Commitment tracker

Attach a precise source and follow a confirmed promise through its deadline and evidenced outcome.

### Controls and fields

Add evidence: title, HTTPS source link, page/table/section, assumption supported/challenged, remove

Add confirmed statement: confirmed source text, metric/objective, HTTPS URL, stated date, optional deadline, page/table/section

Assessment: Not yet due / Achieved / Missed / Revised / Not measurable; outcome/supporting evidence; remove

### How to use it

01. Add each material evidence reference, identify the exact page/table and explain whether it supports or challenges an assumption.
02. Read the original management statement and record it as stated, with date, metric and deadline.
03. When due, investigate the outcome and choose your assessment; include supporting outcome evidence for achieved/missed/revised.
04. Save the review to version both ledgers with the thesis.

### How to read the result

Link entries are your references; saving a URL does not verify its contents. Management statements are confirmed by the researcher, not inferred from a generic growth expectation. Statuses are individual assessments.

### Saving and access

Customer-private review payload, preserved per saved version. Earlier versions retain their original ledgers.

### Availability and limits

Maximum12 evidence entries and10 commitments per review. Evidence note/commitment/outcome text2,000 chars; URL2,000; title/page anchor200.

HTTPS without embedded username/password required. No automatic finding that a commitment was achieved or a company failed.

# 34. Attach a selection, card, table, chart or source to private research

**ACCESS | Customer account**

Where to open: Portal Attach to My Research; My Research Attach content

Capture dated platform content into the correct company notebook with source references and an explanation of relevance.

### Controls and fields

Attach to My Research; pick highlighted item or Attach this research view; Escape/Cancel

Attachment title; Find destination company; company notebook selector; Why are you saving this? note

Source context/preview; Save private attachment; Open My Research

Notebook attachment details and Remove from current notebook

### How to use it

01. Highlight text or start the attachment picker and choose a card/table/chart/source.
02. Verify attachment title, source-company context and destination company; cross-company filing is explicit.
03. Read the preview, add why this supports/challenges an assumption and save.
04. Open the notebook; attachments save immediately, but save a review afterward to include them in that version and exports.

### How to read the result

A capture is displayed content and source references at that moment. It does not independently verify an extracted figure or AI answer; external reports remain links rather than copied full documents.

### Saving and access

Customer-private account attachment; removal affects current notebook only. Earlier saved-review versions preserve their attachment snapshot. Chart images can be embedded in saved-brief exports.

### Availability and limits

Text up to30,000 characters; first3 tables,100 rows/table,20 cells/row,2,000 chars/cell with40,000 table-character budget; up to20 source links. Truncation is labelled.

Password/hidden controls and scripts are excluded. Chart/image availability depends on capture support and original resource access.

# 35. Saved review versions, conflict handling and exports

**ACCESS | Customer account**

Where to open: My Research > Research memory / Saved version

Preserve evolving judgment, prevent blind overwrite and export the exact dated saved work.

### Controls and fields

Saved version selector latest100; Inspect saved review; Use this version as a draft

Conflict notice; Inspect latest saved review; I have compared it, keep my draft for next version

Export saved brief; Download this version’s data; What did you learn since last review?

### How to use it

01. Save the review before exporting; choose the required historical version and inspect its evidence/text/attachments.

02. To reuse an old view, choose Use this version as a draft; saving creates a new version and preserves all earlier versions.

03. If another device saved a newer version, inspect it and compare before rebasing your current draft for the next save.

04. Export an HTML research brief or JSON dataset; open the brief in a browser and print to PDF if needed.

### How to read the result

Exports use the selected saved version, not unsaved form text or latest unrelated portal data. Historical baseline, assumptions and attachments remain dated. Conflict comparison/rebase is explicit to avoid silent overwrite.

### Saving and access

Customer-private immutable review versions; expected-version conflict check and retry identifier on save. HTML/JSON downloads are independent copies outside the account after download.

### Availability and limits

Version picker shows latest100. Original attachment image exports can fail if a saved chart cannot be fetched; retry before assuming complete export.

Source references require verification; local exports containing private notes should be stored accordingly. Exports are HTML/JSON, with user print-to-PDF; not an automatic server PDF report.

## 36. Reverse valuation within the customer notebook

**ACCESS | Customer account**

Where to open: My Research > Reverse valuation & scenarios

Connect current price assumptions to explicit operating or bank valuation models and preserve them with the research review.

### Controls and fields

Include a model in this review; Operating business FCFF / Bank equity payout model; Use available annual evidence

Input/price date; source URL; input source/adjustment note; revenue or book equity ₹crore; diluted shares crore; reference price ₹/share; net debt/claims ₹crore

Forecast years; tax; discount/WACC-cost of equity; terminal growth; terminal ROC/ROE; incremental sales/capital or payout ratio

Bear/base/bull revenue growth/operating margin or ROE; Calculate scenarios & implied expectations; Method/limitations

### How to use it

01. Enable the model and choose an industry-appropriate method.

02. Use annual evidence only as a starting point: supported-unit revenue/book equity with no identity warning can import; independently confirm price, shares, adjustments and all remaining inputs.

03. Fill dated source notes and explicit scenario assumptions, calculate and inspect implied expectations.

04. Save the notebook review so that both inputs and calculated result are retained in its version/export.

### How to read the result

Amounts are ₹crore, shares crore and per-share prices ₹. Operating value discounts after-tax operating earnings less reinvestment at WACC and subtracts net debt/claims. Bank model discounts equity distributions at cost of equity with retained equity/ROE. Terminal growth ties to reinvestment/terminal return.

### Saving and access

Customer-private model input/result in review payload. Working calculation before saving is not durable. Different reporting bases should not be mixed.

### Availability and limits

Starting percentages are editable examples, not forecasts. Shares are fixed; dilution, acquisitions, regulatory capital, leases and corporate-action adjustments require separate checks.

Negative operating growth assumes capital release. Model result/sensitivity is assumption-driven and not a recommendation.

## 37. Review inbox and collection status

**ACCESS | Customer account**

Where to open: My Research > Review inbox & collection status

Find private reviews needing assessment and make source collection failures/backlogs visible.

### Controls and fields

Check my saved reviews; Check next saved companies; Open private review

Due review date; changed metrics; new source entries; stale evidence; management commitments due for assessment

Check collection status; price session, latest completed run, latest full-pipeline error-free run

Available financial companies / total; without financial records; NSE files waiting/failed; oldest waiting-file discovery

Recent runs started/finished/scope/state/errors; source latest attempt/success/state/data date; provider pause and retry-after time

### How to use it

01. Run the private review check and inspect the listed due/change/commitment prompts; open the notebook to investigate and save the assessment.

02. Paginate to check additional saved companies.

03. Run collection status and compare latest completed versus full-success dates; inspect source failures and queue age.

04. Treat waiting/failed files as uncompleted source work; use retained observation dates rather than assuming newly collected values.

### How to read the result

A completed collection can include gaps. Review inbox is a bounded evidence/deadline comparison, not complete news monitoring. Oldest waiting discovery is discovery time, not publication time. Saved source files are not automatically parsed statements.

### Saving and access

Inbox reads customer-private saved reviews; collection status exposes safe shared publisher dataset counters and run/source state. Provider pauses are recorded per publisher/exact source host until the next update window.

### Availability and limits

NSE queue counters cover registered permitted host files; exclude rejected and archived/foreign/unsupported-host records; other providers and undiscovered records are not included.

No complete company history or delivery-time promise from queue counters. Provider denial/rate limit may persist until next03:00IST window; no bypass is implied.

## 38. Research assistant: company question, source answer and private history

**ACCESS | Customer account**

Where to open: Company Overview > Research assistant

Ask bounded questions about selected published company evidence and retain the explanation with source context.

### Controls and fields

Question input max2,000chars; Ask; inline answer/history; cited numbered source links

Reported figures with period/basis; evidence source title/anchor/coverage/excerpt; Company source documents

AI configured/diagnostic messages and owner Test AI connection in legacy Today/reports

### How to use it

01. Select the company and confirm reporting basis where available.
02. Ask a precise question about revenue, profit, cash, valuation assumptions or a disclosure, rather than treating unprovided facts as established.
03. Read answer mode and evidence coverage; open numbered citations and check original statements.
04. Capture a useful dated answer to the notebook and record your own judgment/countercase separately.

### How to read the result

Customer assistant uses question plus bounded published evidence and separates reported figures from inference. No readable evidence returns an explicit evidence-unavailable answer without an AI call. A source title/URL alone is not read content.

### Saving and access

Successful assistant turns/history and report processing are customer-account private. Customer requests go to account AI; owner legacy assistant has separate owner history and diagnostics.

### Availability and limits

AI credit/provider acceptance is deferred: do not describe live AI as operational merely because a key/config flag exists. No test AI call should be initiated as part of guide production.

Customer API advertises up to8 daily account attempts and50 shared attempts; limits and provider failure can prevent completion. Data is sent to configured OpenAI with store:false, which is not equivalent to a guarantee of no provider-side retention under every policy.

# 39. Customer private research reports and optional draft critique

**ACCESS | Customer account**

Where to open: My Research > Private research reports

Save a PDF/Word draft or readable text and request a separately consented AI critique when available.

### Controls and fields

Title max220; type Company/Sector/Macro/Portfolio/Quantitative/Other; company from notebook directory

PDF/Word file up to10MB; readable text up to60,000chars; Save private report

Submission title/type/date/extraction/readable-character count; Download original; AI-processing checkbox; Request AI critique; returned critique/source excerpt details

### How to use it

01. Choose the company for a company report, enter title/type and upload a permitted PDF/DOC/DOCX or paste text.
02. Save the report privately and inspect extraction status/readable-character count. Provide text if a scan or format yields no readable content.
03. Only when AI is available and desired, confirm processing consent for that saved report and request critique.
04. Read strengths, unsupported claims, calculation/source checks, counterarguments and concrete revision questions; revise your draft using original sources.

### How to read the result

Report critique examines the supplied draft and is not external fact verification, investment-quality grading or an investment recommendation. Saving a report is separate from consenting to AI processing.

### Saving and access

Original report/text and evaluation are private per customer account; original download is account-authorised. Report save does not send readable content for AI until the explicit critique consent/request.

### Availability and limits

PDF/DOC/DOCX up to10MB; minimum300 readable characters for critique; scans may need OCR/readable text; supplied/extracted text capped60,000. Critique uses bounded excerpts (up to8×6,000characters).

No paid-service billing or charges configured. AI/provider credit acceptance deferred, so new critique may be unavailable.

# 40. Owner report submission and structural pre-review

**ACCESS | Owner workflow; customer reports use My Research**

Where to open: Portal > Reports owner workspace

Retain owner report submissions and run a provisional structure review when an AI explanation is unavailable.

### Controls and fields

Title; report type; PDF/Word up to10MB; Google Drive/Docs HTTPS link; optional readable text up to60,000; optional review after upload

Save submission; Download original report; Open Drive link; Request draft critique; draft rubric table

### How to use it

01. Owner users select report type/scope, upload a permitted original or paste text and save.

02. Drive links store a reference; supply authorised readable text when private content cannot be fetched.

03. Request the draft pre-review and inspect each detected mention/revision question; check claims yourself.

### How to read the result

Structural rubric uses keyword mentions for scope/thesis, sources, methodology, numerical support, counterargument/invalidation, risk/sensitivity and report-specific depth. Mention detection is not correctness, originality or depth verification.

### Saving and access

Owner private report files/text/evaluations, separate from customer report storage. Customer adapter routes private report work to My Research instead of enabling these owner actions.

### Availability and limits

Private Drive link is not a connected Drive integration or evidence the linked file was read.

Proprietary Intelligence is a draft paid-service concept; pricing/payment integration is not active, no charge or investment grade.

## 41. Chat: direct messages, groups and conversation navigation

**ACCESS | Customer account**

Where to open: /chat; portal Chat link

Support account-to-account private research discussion with controlled membership and durable message history.

### Controls and fields

New private message exact username; New research group name/member usernames; All/Direct/Groups filters; conversation search; Refresh

Conversation title/subtitle; message search; older-message control; Inbox on compact screen; Conversation details

Composer text; Send; Ctrl/+Enter; smile emoji; Attach file; Share research; upload/remove/retry status

Group details: members; Add member; Remove member; Rename group; Leave group; shared documents

### How to use it

01. Copy the intended person’s exact LUMUNIR username from their account and start a private conversation, or create a named research group with exact usernames.

02. Choose a thread and review members before posting; type a message or attach permitted files, then send.

03. Search the current thread or load older messages; use Refresh if automatic synchronisation fails.

04. Group creator manages members/name; leave explicitly when access should end.

### How to read the result

Private means access-controlled to account members, not an end-to-end encryption claim. Group members added later can read history and shared documents; membership is a consequential sharing boundary.

### Saving and access

Messages, membership and shared files persist server-side per conversation. Drafts/attachments are retained in current-page memory per thread during send/retry failures; an unsent draft is not promised durable across reload.

### Availability and limits

Groups up to20 members; user names are exact account identifiers, not fuzzy recipient resolution.

Initial message loading is bounded with older pagination; polling every8seconds only while page visible and no active send. Membership loss removes future document/thread access.

Messages up to4,000 characters; initial60 messages with older pagination; conversation list up to200; saved research-version picker up to200.

The group creator cannot leave or remove themselves; end an active call before membership or group-name changes.

## 42. Chat files and sharing a saved research version

**ACCESS | Customer account**

Where to open: Chat composer > Attach file / Share research

Share only the intended document or dated saved review with conversation members.

### Controls and fields

File chooser PDF/DOC/DOCX/XLS/XLSX/PPT/PPTX/TXT/CSV/MD/PNG/JPG; up to3 files/message,10MB each

Upload retry/remove; shared-document download; saved research version picker; sharing consent checkbox

### How to use it

01. Confirm conversation/members and choose attachments; wait until upload identifiers are present before sending.

02. To share research, select a previously saved review version and explicitly confirm dated-copy sharing.

03. Send the message; use Shared documents/details to retrieve the exact shared file or review copy.

### How to read the result

Shared review includes selected saved assumptions and listed sources as a dated copy; subsequent private edits and notebook attachments are excluded. New group members can read the shared copy. Downloads are independent copies and cannot be revoked once downloaded.

### Saving and access

Uploaded files initially remain private to uploader until attached to a sent conversation message. Shared files are authorised by current membership. Saved-review sharing creates a snapshot rather than giving notebook-wide access.

### Availability and limits

Up to3 attachments and10MB per file. File extension/signature or UTF-8 content is validated; PDFs/Office/images/text supported as described.

Source URLs in a shared review still require independent checking. Membership removal cannot erase copies already downloaded by the recipient.

## 43. Chat safety: block, unblock and report

**ACCESS | Customer account**

Where to open: Chat > Conversation details > Safety; Manage blocked accounts

Give participants a bounded contact-control and owner-review reporting path.

### Controls and fields

Block/Unblock contact; Manage blocked accounts; report selected message or conversation

Reason Spam/Harassment/Misleading research/Other; note max2,000; owner-review consent; report reference

### How to use it

01. Open conversation details; block an unwanted direct contact after ending an active direct call.

02. Use blocked-accounts manager to inspect your blocks and remove one if appropriate.

03. Report a selected message or conversation with a reason/note and explicit review consent; retain the report reference.

### How to read the result

Blocking stops direct messages/calls and new invitations, but shared-group messages and earlier history remain visible. Reporting does not automatically remove content or block the person.

### Saving and access

Block settings persist per account. Reports include selected message or conversation name and supplied note for owner review; other messages/files/private notebook work are excluded from that report payload.

### Availability and limits

Shared group discussion remains visible; leave/report the group as needed.

Reports are a moderation queue, not a guaranteed immediate resolution. A group report does not authorise broad private notebook access.

## 44. Audio, video, camera preview and screen sharing

**ACCESS | Customer account**

Where to open: Chat camera button / Join active call

Provide permission-controlled meetings within a direct conversation or group when the media service is configured.

### Controls and fields

Video call / group call button; active-call banner Join call; prejoin Start with microphone on / Start with camera on

Test camera / Stop camera test; Start/Join call; Mute microphone; Camera on/off; Share screen/Stop sharing

Leave call; host/group creator End for everyone; Close; reconnect/disconnection status

### How to use it

01. Choose the intended conversation and open the call dialog; availability is checked first.

02. Keep mic/camera off or explicitly select prejoin choices. Use Test camera for local preview and grant only the needed browser permission.

03. Start/join when service configured, control mic/camera/screen permission and observe reconnect status.

04. Leave to disconnect only yourself; host/group creator uses End for everyone to terminate the room.

### How to read the result

Camera preview is local and not proof of an actual two-device meeting. Short-lived room tokens are membership-specific; server rechecks current membership before issuance. End-for-everyone differs from leaving/closing.

### Saving and access

Call state/room membership is server-side; media through configured LiveKit. No recording, call archive or end-to-end encryption guarantee is implemented in this UI.

### Availability and limits

Requires LIVEKIT_URL/API credentials and browser permissions; unconfigured service reports awaiting activation. Actual device/camera/audio/screenshare/reconnect acceptance remains unverified unless tested physically.

Screen share support varies by browser/device. Blocking/removing members requires care around active room state; no secret modification or service activation is part of guide generation.

## 45. Demo & help: coverage, instructions and feedback

**ACCESS | Customer account**

Where to open: /demo

Provide a bounded coverage map, support workflow and user-recorded acceptance evidence in one place.

### Controls and fields

Coverage company search submit; Previous / Next50; company notebook links

Coverage columns company/exchange/symbol, industry/sector, source links, available financial records, last collection date

Support category Bug/Data/Feedback/Access; message up to4,000; team-read consent; Save/send feedback; own submission history/reference/status

Owner feedback review statuses Received/Investigating/Resolved

### How to use it

01. Read the guide/white paper, then search a company in the coverage map and open its notebook or source work.

02. Treat source-link and financial-record counts separately; inspect periods/basis/units in Financials.

03. For a gap/bug, state company, exact module, reproduction steps, expected/observed result and date; explicitly consent to team review before sending.

04. Retain the feedback reference and check submitted status; owner can update the bounded queue.

### How to read the result

Available financial records count only eligible accepted NSE filing/historical-table records actually customer-readable. Counts are not independently reconciled figures or guaranteed ten-year completeness. Submitted feedback is consented sharing with the platform team.

### Saving and access

Coverage is shared publisher dataset; feedback stores customer-private submissions visible to that customer and authorised owner review. User devices/tests are not implicitly uploaded.

### Availability and limits

Coverage pages50 companies; a blank or classification label must remain accurate rather than be guessed.

Support history latest30 per customer; owner review latest100. Submission does not establish resolution or a response SLA.

## 46. Device and loading checks with reviewable feedback drafts

**ACCESS | Customer account**

Where to open: Demo & help > Device/research journey and loading checks

Record device and browser observations and draft feedback.

### Controls and fields

Device and connection labels; Start loading check; Show results; Stop & clear; Add results to feedback.

Journey results: Not tested, Passed unaided, Needed help or Failed. Cover signup/Google, original source, save/reopen, exports, second device, recovery and two-device calls.

Observation notes; draft journey feedback; consent and Send feedback.

### How to use it

01. Enter the actual device/network and start a check; return to portal and open/refresh comparable companies and Financials.
02. Return to Demo & help, review measurements and create a draft before stopping/expiry.
03. Record the genuine journey result for each step; do not mark passed when simulated through API or assisted by the builder.
04. Review draft text and explicitly consent/send via support form if sharing is intended.

### How to read the result

Measures company refresh to paint, excluding initial HTML and sign-in. Records visibility, outcome and elapsed time. P95 requires at least 20 comparable visible ready/no-evidence results per phase. Journey results are self-reported.

### Saving and access

Opt-in measurements stay in sessionStorage in this tab for one hour, up to 100 samples. No automatic network writes or private content are recorded. A feedback draft includes up to 30 latest measurements and leaves consent unchecked.

### Availability and limits

Stop clears the record. Draft desired results before stopping or expiry. Keep failed, interrupted, background and timeout results separate; this tool does not certify physical-device acceptance.

# Troubleshooting and task checklists

## When a screen or result is missing

| Symptom | Check | Next action |
|---|---|---|
| No financial result | Company identity, basis, reporting date and actual connected records. | Read original sources. Report the exact source/data issue; do not replace missing values with zero. |
| No matching peer value | Selected-company annual period and reporting basis. | Use a legitimate matching period or explicitly compare different dated periods. |
| Save denied in a legacy form | Whether the module is owner-only. | Use the customer My Research notebook for your own work. |
| Newer version conflict | Another device or earlier pending request may have saved a new version. | Open the current saved version, reconcile and save deliberately. |
| AI unavailable or quota error | Provider credits, service configuration and account limits. | Continue source reading and private drafting; retry only when service availability is resolved. |
| OTP or Google unavailable | Delivery/OAuth setup and the selected account. | Use an available login method or the private recovery code workflow. |
| Call or screen-share failure | Accepted second participant, secure browser, permissions and device/service support. | Check the preview and permissions, then test with another device. Presence of controls is not call acceptance. |
| Old quote on a weekend | Market date rather than request time. | Inspect collection status and original trading session. |
| Source backlog | Waiting/failed source counts and recorded provider pauses. | Report the source and current state. The oldest discovery date is not a completion promise. |
| Slow loading | Comparable visible device/network/cache samples. | Use the opt-in Demo & Help loading check; retain failures separately. |

## Before saving a company review

01. Confirm company, exchange identity, basis and review date.

02. Open each material source and record its period and unit.

03. Write at least one serious countercase and a falsification condition.

04. Record the assumptions that drive the valuation.

05. Set a review date and assess due management commitments.

06. Save, verify the new version, then export the intended saved version.

## How to report a useful issue

Use Demo & Help feedback. Choose a category and describe the company, screen, action, expected outcome and observed outcome. Include the original source URL for a data issue when appropriate. Give the required consent before sending. Do not include passwords, recovery codes, private report text or confidential attachments merely to explain a bug. The submitted feedback record shows its reference and status.

# Exact field and control reference

This reference lists the static controls found in the inspected portal pages, including navigation, submit actions, toggles and input choices. Repeated controls are retained in their page/form context. Many controls begin disabled or hidden until a company, account or saved record is selected. Dynamic controls are described in the module chapters and the owner-form reference that follows.

## Original company and owner workspace

### Market Data Import Form

| Field / action | Type, choices and conditions |
|---|---|
| Data type | select \| Choices: Company price; Benchmark price; Financial statement; Factor / macro; Corporate action; Custom series |
| Frequency | select \| Choices: Daily; Weekly; Monthly; Quarterly; Annual; Event |
| Data as of | input / date |
| Corporate-action treatment | select \| Choices: Adjusted; Unadjusted; Separate actions supplied; Not applicable; Unknown / needs review |
| Source name | input \| Required \| Maximum characters: 200 \| Example: e.g. authorised EOD provider or company filing |
| Source reference / file version | input \| Required \| Maximum characters: 1000 \| Example: e.g. provider export dated 30 Sep 2026 · adjusted close |
| Dated CSV file | input / file \| Required \| Accepted file types: .csv,text/csv |
| Import private data | button / submit |

### Market Data Review Form

| Field / action | Type, choices and conditions |
|---|---|
| Imported data set | select \| Required \| Choices: No imported data set |
| Human reviewer | input \| Required \| Maximum characters: 160 \| Example: Name of reviewer |
| Review note optional | input \| Maximum characters: 4000 \| Example: Checked date range, field, source and corporate-action treatment |
| Mark source reviewed | button / submit |

## Quant Run Form

| Field / action | Type, choices and conditions |
|---|---|
| Run title | input \| Required \| Maximum characters: 160 \| Example: e.g. Reliance daily returns & risk - FY25 |
| Reviewed company price data | select \| Required \| Choices: Import and review a company price data set first |
| Reviewed benchmark data optional | select \| Choices: No benchmark |
| Start date | input / date |
| End date | input / date |
| Annual risk-free rate (%) | input / number \| Minimum: -100 \| Maximum: 100 \| Step: 0.01 \| Example: Optional |
| Run & save calculation | button / submit |

## Strategy Backtest Form

| Field / action | Type, choices and conditions |
|---|---|
| Idea title | input \| Required \| Maximum characters: 180 \| Example: e.g. company momentum with downside controls |
| Your investment / trading idea | textarea \| Required \| Example: State the thesis, what should create the return, and what would make the idea fail. |
| Industry metric model | select \| Choices: Integrated energy, retail & digital; Banking & financials; Automobile; IT services; Pharma & healthcare; Capital goods & infrastructure; Ports & logistics; Consumer; Telecom; Metals & mining |
| Executable signal | select \| Choices: Buy and hold; Price above moving average; Positive momentum |
| Input frequency | select \| Choices: Daily (252 / year); Weekly (52 / year); Monthly (12 / year) |
| Start date | input / date \| Required |
| End date | input / date \| Required |
| Lookback periods | input / number \| Minimum: 2 \| Maximum: 250 |
| Additional entry rule / specification (stored with the run) | textarea \| Example: Optional: write the research condition behind the selected executable signal. |
| Additional exit / invalidation rule (stored with the run) | textarea \| Example: Optional: record the condition that should exit or invalidate the idea. |
| Maximum allocation (%) | input / number \| Minimum: 1 \| Maximum: 100 \| Step: 0.1 |
| Stop loss (%) optional | input / number \| Minimum: 0.1 \| Maximum: 99 \| Step: 0.1 \| Example: e.g. 12 |
| Take profit (%) optional | input / number \| Minimum: 0.1 \| Maximum: 500 \| Step: 0.1 \| Example: e.g. 30 |
| Cost per position change (bps) | input / number \| Minimum: 0 \| Maximum: 1000 \| Step: 0.1 |
| Annual risk-free rate (%) | input / number \| Minimum: -100 \| Maximum: 100 \| Step: 0.01 \| Example: Optional |
| Historical source name | input \| Required \| Maximum characters: 200 \| Example: e.g. NSE EOD export |
| Source reference / file version | input \| Required \| Maximum characters: 1000 \| Example: e.g. downloaded 30 Sep 2026 · adjusted close · file/version reference |
| Company price series | textarea \| Required \| Example: Positive values in chronological order, comma-separated. At least six observations. |
| Benchmark series optional | textarea \| Example: Aligned benchmark values with the same number of observations. Enables active return and information ratio. |

| Field / action | Type, choices and conditions |
|---|---|
| Existing portfolio series optional | textarea \| Example: Aligned portfolio-index values. Enables a what-if blended return, risk and correlation view; it never reads a live portfolio. |
| Linked uploaded source optional | select \| Choices: No source document attached |
| Page / section | input \| Maximum characters: 220 \| Example: Required when a document is linked |
| Run & save backtest | button / submit |

### Industry Profile Form

| Field / action | Type, choices and conditions |
|---|---|
| Active industry model | select \| Choices: Integrated energy, retail & digital; Banking & financials; Automobile; IT services; Pharma & healthcare; Capital goods & infrastructure; Ports & logistics; Consumer; Telecom; Metals & mining |
| Save metric model | button / submit |

### Custom Metric Form

| Field / action | Type, choices and conditions |
|---|---|
| Metric name | input \| Required \| Maximum characters: 160 \| Example: e.g. Digital ARPU by subscriber cohort |
| Category | input \| Required \| Maximum characters: 80 \| Example: e.g. Operating KPI |
| Unit | input \| Required \| Maximum characters: 80 \| Example: e.g. ₹ / month |
| Desired direction | input \| Required \| Maximum characters: 80 \| Example: e.g. Higher, with quality |
| Why this matters | textarea \| Required \| Example: How should this metric inform the thesis, valuation, risk or strategy test? |
| Linked source optional | select \| Choices: No source document attached |
| Page / section | input \| Maximum characters: 220 \| Example: Required when a document is linked |
| Add company metric | button / submit |

## Macro Intelligence Form

| Field / action | Type, choices and conditions |
|---|---|
| Macro factor / indicator | input \| Required \| Maximum characters: 180 \| Example: e.g. Crude oil price movement and refining-margin sensitivity |
| Category | select \| Required \| Choices: Commodity / energy; Interest rates; Inflation; Currency; Liquidity / credit; Growth / demand; Fiscal policy; Regulation / policy; Global cycle; Other |
| Observed date optional | input / date |
| Source fact / observed condition | input \| Maximum characters: 1000 \| Example: e.g. condition, threshold or change observed |
| Macro direction | select \| Choices: Rising; Falling; Stable; Mixed / unclear |
| Company impact outlook | select \| Choices: Under review; Supportive; Neutral; Adverse; Mixed |
| Current impact assessment | select \| Choices: Under review; Supportive; Neutral; Adverse; Mixed |
| Impact strength | select \| Choices: 1 · limited; 2 · modest; 3 · material; 4 · high; 5 · critical |
| Time horizon | select \| Choices: Near term; Medium term; Long term |
| Analyst interpretation: transmission mechanism | textarea \| Required \| Example: Explain the causal path: macro factor > operating / financial driver > business segment or valuation input. |
| Company implication / metric to monitor | textarea \| Required \| Example: State the company implication and the KPI, filing, result, legal event or assumption that should be monitored. |
| Linked thesis assumption or risk optional | input \| Maximum characters: 1000 \| Example: e.g. O2C margin resilience assumption · monitor segment EBITDA and working capital |
| Official / public source name optional | input \| Maximum characters: 180 \| Example: e.g. RBI, MOSPI, IEA |
| Official / public source URL optional | input / url \| Maximum characters: 1200 \| Example: https://… |
| Private supporting document optional | select \| Choices: No source document attached |
| Document page / section | input \| Maximum characters: 220 \| Example: Required when a document is linked |
| Save macro observation | button / submit |

### Rating Engine Form

| Field / action | Type, choices and conditions |
|---|---|
| Factor | select \| Required \| Choices: Business quality & competitive advantage; Financial strength & balance sheet; Earnings growth & durability; Valuation & market expectations; Management quality & integrity; Corporate governance; Capital allocation; Technical & quantitative strength |
| Score (1-5) | input / number \| Required \| Minimum: 1 \| Maximum: 5 \| Step: 0.1 |
| As-of date | input / date \| Required |
| Linked evidence entry | select \| Choices: Illustrative only - no ledger evidence linked |
| Analyst / reviewer | input \| Required \| Maximum characters: 160 \| Example: Named analyst or reviewer |
| Factor explanation | textarea \| Required \| Maximum characters: 8000 \| Example: Explain the score, the evidence considered and what could change it. |
| Save server-calculated factor | button / submit |

## Workflow Thesis Form

| Field / action | Type, choices and conditions |
|---|---|
| Thesis title | input \| Required \| Maximum characters: 180 \| Example: e.g. Long-term operating thesis |
| Current stance | select \| Choices: Under review; Constructive; Neutral; Cautious |
| Core thesis | textarea \| Required \| Maximum characters: 12000 \| Example: What do you believe, why, and over what time horizon? |
| Key assumptions | textarea \| Maximum characters: 8000 \| Example: Operating, financial or market assumptions. |
| Catalysts / milestones | textarea \| Maximum characters: 8000 \| Example: What could validate the view and when? |
| Risks and counter-case | textarea \| Maximum characters: 8000 \| Example: What could undermine the thesis? |
| What would prove me wrong? | textarea \| Maximum characters: 8000 \| Example: Observable triggers, thresholds or events. |
| Valuation frame | input \| Maximum characters: 8000 \| Example: Range / assumptions, not a target call |
| Next review | input / date |
| Source document | select \| Choices: Analyst note only |
| Page / section citation | input \| Maximum characters: 180 \| Example: Required before source-linked evidence can be claimed |
| Save thesis | button / submit |

### Workflow Change Form

| Field / action | Type, choices and conditions |
|---|---|
| Change title | input \| Required \| Maximum characters: 220 \| Example: e.g. Result / filing / legal event |
| Type | select \| Choices: Result; Filing; Legal; Regulatory; Management; Competitive; Macro; Other |
| Observed on | input / date |
| Related thesis | select \| Choices: No thesis linked |
| Impact on thesis | select \| Choices: Monitor; Supports; Contradicts |
| Why it matters | textarea \| Required \| Maximum characters: 12000 \| Example: Which assumption, risk, catalyst or conclusion is affected? |
| Source document | select \| Choices: Analyst note only |
| Page / section citation | input \| Maximum characters: 180 \| Example: e.g. Q2 result · page 5 |
| Save change | button / submit |

### Workflow Outcome Form

| Field / action | Type, choices and conditions |
|---|---|
| Check title | input \| Required \| Maximum characters: 180 \| Example: e.g. Margin expansion test |
| Related thesis | select \| Choices: No thesis linked |
| Metric / question | input \| Required \| Maximum characters: 160 \| Example: e.g. EBITDA margin |
| Expected outcome | input \| Required \| Maximum characters: 5000 \| Example: What must happen? |
| Target date | input / date |
| Actual outcome (when known) | textarea \| Maximum characters: 5000 \| Example: Leave empty until evidence arrives. |
| Reflection | textarea \| Maximum characters: 8000 \| Example: What did the original reasoning get right or wrong? |
| Verdict | select \| Choices: Inconclusive; Met; Partly met; Not met |
| Source document | select \| Choices: Analyst note only |
| Page / section | input \| Maximum characters: 180 \| Example: Evidence location |
| Save outcome check | button / submit |

### Workflow Rating Form

| Field / action | Type, choices and conditions |
|---|---|
| As of date | input / date |
| Overall stars | input / number \| Required \| Minimum: 1 \| Maximum: 5 \| Step: 0.1 |
| Business quality | input / number \| Required \| Minimum: 1 \| Maximum: 5 \| Step: 0.1 |
| Risk & governance | input / number \| Required \| Minimum: 1 \| Maximum: 5 \| Step: 0.1 |
| Attractiveness | input / number \| Required \| Minimum: 1 \| Maximum: 5 \| Step: 0.1 |
| Why did these scores change? | textarea \| Maximum characters: 8000 \| Example: Explain the evidence and any change from the last checkpoint. |
| Source document | select \| Choices: Analyst note only |
| Page / section citation | input \| Maximum characters: 180 \| Example: Required for source-linked status |
| Save checkpoint | button / submit |

### Workflow Memo Form

| Field / action | Type, choices and conditions |
|---|---|
| Memo title | input \| Required \| Maximum characters: 180 \| Example: e.g. Q2 thesis review |
| Related thesis | select \| Choices: No thesis linked |
| Time horizon | select \| Choices: Short term; Medium term; Long term |
| Research posture | select \| Choices: Under review; Track; Research required; Risk watch |
| Reviewer | input \| Maximum characters: 120 \| Example: Analyst / reviewer name |
| Memo | textarea \| Required \| Maximum characters: 16000 \| Example: Question, evidence, counter-case, open items and review decision. |
| Conflict disclosure | input \| Maximum characters: 4000 \| Example: Record any relevant conflict, or state none known. |
| Save memo | button / submit |

### Workflow Entity Form

| Field / action | Type, choices and conditions |
|---|---|
| Entity name | input \| Required \| Maximum characters: 180 \| Example: Name of entity |
| Entity type | select \| Choices: Subsidiary; Promoter; Director; Auditor; Lender; Competitor; Regulator; Contract; Partner; Macro driver |
| Relationship / event | input \| Required \| Maximum characters: 180 \| Example: How it is connected to Reliance |
| Research relevance | textarea \| Maximum characters: 8000 \| Example: Why this entity or event matters to the thesis. |
| Source document | select \| Choices: Analyst note only |
| Page / section citation | input \| Maximum characters: 180 \| Example: Evidence location |
| Save entity link | button / submit |

### Workflow Protocol Form

| Field / action | Type, choices and conditions |
|---|---|
| Saved quantitative run | select \| Choices: No saved run available |
| Formula version | input \| Required \| Maximum characters: 120 \| Example: e.g. quant-v1.0 |
| Frequency | select \| Choices: Daily; Weekly; Monthly; Quarterly; Annual; Custom |
| Data as of | input / date |
| Corporate actions | input \| Maximum characters: 3000 \| Example: Adjusted / treatment |
| Benchmark definition | input \| Maximum characters: 6000 \| Example: Benchmark, index or peer-series definition |
| Input manifest | textarea \| Maximum characters: 8000 \| Example: Source, date range, frequency, corporate-action treatment and data quality. |
| Bias warnings | textarea \| Maximum characters: 8000 \| Example: Survivorship, look-ahead, selection or overfitting risks. |
| Validation plan | textarea \| Maximum characters: 8000 \| Example: Out-of-sample, stress or backtesting checks. |
| Save run protocol | button / submit |

### Financial Confirm

| Field / action | Type, choices and conditions |
|---|---|
| reviewer | input \| Required \| Maximum characters: 160 |
| notes | textarea \| Required \| Maximum characters: 4000 |
| confirmed | input / checkbox \| Required |
| Confirm source figures | button / submit |

### Company Universe Form

| Field / action | Type, choices and conditions |
|---|---|
| Company name | input \| Required \| Maximum characters: 220 \| Example: e.g. ICICI Bank Limited |
| Symbol | input \| Required \| Maximum characters: 32 \| Example: e.g. ICICIBANK |
| Exchange | select \| Choices: NSE; BSE; Other |
| ISIN optional | input \| Maximum characters: 32 \| Example: e.g. INE090A01021 |
| Sector / industry | input \| Maximum characters: 120 \| Example: e.g. Banking & financial services |
| Coverage | select \| Choices: Watchlist; Active research |
| Add company | button / submit |

### Message Connect Form

| Field / action | Type, choices and conditions |
|---|---|
| Recipient username | input \| Maximum characters: 33 \| Example: Exact username, e.g. @rohan \| Initially disabled until the needed context is available |
| Open | button / submit \| Initially disabled until the needed context is available |

### Message Compose Form

| Field / action | Type, choices and conditions |
|---|---|
| Message | textarea \| Maximum characters: 4000 \| Example: Write a private message \| Initially disabled until the needed context is available |
| Send | button / submit \| Initially disabled until the needed context is available |

### Note Form

| Field / action | Type, choices and conditions |
|---|---|
| Research area | input |
| Title | input \| Required \| Maximum characters: 160 \| Example: e.g. Question on Jio capex discipline |
| Tags | input \| Maximum characters: 300 \| Example: e.g. capex, Jio, next result |
| Your analysis | textarea \| Required \| Example: Record your observation, question, hypothesis or evidence gap. |
| Save note | button / submit |

### Document Upload Form

| Field / action | Type, choices and conditions |
|---|---|
| File | input / file \| Required \| Accepted file types: .pdf,.doc,.docx,application/pdf,application/msword,application/vnd.openxmlformats-officedocument.wordprocessingml.document |
| Document type | select \| Required \| Choices: Choose type; NSE / BSE filing; Shareholding disclosure; Credit-rating document; Annual report; Quarterly result; Concall transcript; Investor presentation; Legal / regulatory document; AGM / EGM document; Authorised analyst research; Internal intelligence reference |
| Document date | input / date |
| Document jurisdiction | select \| Choices: Domestic; International; Cross-border |
| Title | input \| Required \| Maximum characters: 220 \| Example: e.g. Reliance FY26 annual report |
| Source | input \| Required \| Maximum characters: 300 \| Example: e.g. Company investor-relations website |
| Relevant page / section (optional) | input \| Maximum characters: 180 \| Example: e.g. Page 122 · Capital allocation |
| Your notes (optional) | textarea \| Example: Why this source matters or what Intelligence should verify. |
| Upload and extract privately | button / submit |

### Portfolio Form

| Field / action | Type, choices and conditions |
|---|---|
| portfolio-company-display | input |
| portfolio-score-display | input |
| Your thesis (optional) | textarea \| Example: Why are you adding Reliance to this research watchlist? What evidence or result will test the view? |
| Save to portfolio | button / submit |

### Company Record Form

| Field / action | Type, choices and conditions |
|---|---|
| company-record-id | input / hidden |
| Company name | input \| Required \| Maximum characters: 220 |
| Symbol | input \| Required \| Maximum characters: 32 |
| Exchange | select \| Choices: NSE; BSE; Other |
| ISIN optional | input \| Maximum characters: 32 \| Example: e.g. INE090A01021 |
| Sector / industry | input \| Maximum characters: 120 \| Example: Optional sector |
| Coverage state | select \| Choices: Watchlist; Active research; Archived |
| Data state | input |
| Save changes | button / submit |

## Legal Case Form

| Field / action | Type, choices and conditions |
|---|---|
| Case title | input \| Required \| Maximum characters: 260 \| Example: e.g. Party v. Company |
| Category | select \| Required \| Choices: Choose category; Supreme Court; High Court; NCLT / NCLAT; SEBI / SAT; Competition / CCI; Consumer Commission; Tax Tribunal / tax matter; Labour / employment; Arbitration; IBC / insolvency; Intellectual property; ESG / environmental; Governance / related party; Other |
| Court / forum | input \| Required \| Maximum characters: 120 \| Example: e.g. NCLAT |
| Stage | input \| Required \| Maximum characters: 120 \| Example: e.g. Pending appeal |
| Current status | input \| Required \| Maximum characters: 120 \| Example: e.g. Awaiting hearing |
| Filing date | input / date |
| Next hearing | input / date |
| Financial exposure (₹ crore) | input / number \| Minimum: 0 \| Step: 0.01 \| Example: If disclosed / estimated |
| Operational impact | select \| Required \| Choices: 1 - minimal; 2 - low; 3 - moderate; 4 - high; 5 - severe |
| Reputational impact | select \| Required \| Choices: 1 - minimal; 2 - low; 3 - moderate; 4 - high; 5 - severe |
| Analyst adverse-scenario assessment | select \| Required \| Choices: 1 - remote scenario; 2 - low scenario; 3 - uncertain scenario; 4 - elevated scenario; 5 - high scenario |
| Facts | textarea \| Maximum characters: 12000 \| Example: Neutral factual background from the cited record. |
| Legal issues | textarea \| Maximum characters: 12000 \| Example: Questions the court or regulator must decide. |
| Arguments | textarea \| Maximum characters: 12000 \| Example: Principal disclosed arguments of the parties. |
| Court / regulator observations | textarea \| Maximum characters: 12000 \| Example: Only write what the order, judgment or notice actually states. |
| Possible business implications | textarea \| Maximum characters: 12000 \| Example: Explain the conditional commercial, cash-flow, operational or governance implication. |
| Source document | select \| Choices: No source document attached |
| Page / section citation | input \| Maximum characters: 180 \| Example: e.g. Order dated… · paragraph 18 |

| Field / action | Type, choices and conditions |
|---|---|
| Save legal matter | button / submit |

### Regulatory Event Form

| Field / action | Type, choices and conditions |
|---|---|
| Regulator | select \| Required \| Choices: Choose regulator; SEBI; RBI; IRDAI; PFRDA; CCI; MCA; NCLT / NCLAT; Stock exchange; Environment Ministry / NGT; DPIIT; Other |
| Status | input \| Required \| Maximum characters: 120 \| Example: e.g. Open compliance review |
| Action / event title | input \| Required \| Maximum characters: 260 \| Example: e.g. New disclosure requirement / notice / order |
| Event date | input / date |
| Compliance deadline | input / date |
| Likely company impact | textarea \| Maximum characters: 6000 \| Example: Explain the conditional compliance, operational, financial or governance impact. |
| Source document | select \| Choices: No source document attached |
| Page / section citation | input \| Maximum characters: 180 \| Example: e.g. Notice paragraph 4 |
| Save regulatory action | button / submit |

## Navigation controls

| Field / action | Type, choices and conditions |
|---|---|
| Today | button |
| Event calendar | button |
| Company Directory… | button |
| Company profile | button |
| Financials | button |
| Screener setup | button |
| My Research · private | button |
| Documents | button |
| Evidence ledger | button |
| Thesis & analysis | button |
| Research notes | button |
| Valuation studio | button |
| ≈Quantitative analysis | button |
| Macro intelligence | button |
| Legal intelligence | button |
| ⇄Peer comparison | button |
| Portfolio | button |
| Portfolio risk | button |
| Idea funnel | button |
| Reports | button |
| Methodology | button |
| Research Foundation | button |
| Governance & audit | button |
| Compliance & data | button |

| Field / action | Type, choices and conditions |
| --- | --- |
| Chat | button |

## Other page controls

| Field / action | Type, choices and conditions |
|---|---|
| Today | button |
| Event calendar | button |
| Company Directory… | button |
| Company profile | button |
| Financials | button |
| Screener setup | button |
| My Research · private | button |
| Documents | button |
| Evidence ledger | button |
| Thesis & analysis | button |
| Research notes | button |
| Valuation studio | button |
| ≈Quantitative analysis | button |
| Macro intelligence | button |
| Legal intelligence | button |
| ⇄Peer comparison | button |
| Portfolio | button |
| Portfolio risk | button |
| Idea funnel | button |
| Reports | button |
| Methodology | button |
| Research Foundation | button |
| Governance & audit | button |
| Compliance & data | button |

| Field / action | Type, choices and conditions |
|---|---|
| Chat | button |
| Find company | input \| Example: Find a company in your directory… |
| Show prototype note | button |
| Show notifications | button |
| Why this matters | button |
| Active company | select |
| Add to watchlist | button |
| ⇄ Compare | button |
|  Add note | button |
|  Add to Portfolio | button |
|  Research note | button |
| Overview | button |
| Financials | button |
| Documents | button |
| Thesis & analysis | button |
| Methodology | button |
| Add evidence | button / button |
|  Add note | button |
| < Company overview | button |
| O2C & refining | button |
| Telecom | button |
| Organised retail | button |
| Industry / peer set | input |
| Peer companies, comma-separated | input |
| Add | button |

| Field / action | Type, choices and conditions |
|---|---|
| Current price | button |
| 52-week high / low | button |
| EV / EBITDA | button |
| Market cap / sales | button |
| Sales growth | button |
| Profit growth | button |
| Operating profit margin | button |
| Free cash-flow conversion | button |
| Interest coverage | button |
| Net debt / EBITDA | button |
| Promoter holding | button |
| Institutional ownership change | button |
| Add your own metric, e.g. retail revenue per store | input |
| Add metric | button |
| □ Add note | button |
| < Company overview | button |
| Set indicators > | button |
| Add expectation > | button |
| Write note > | button |
| Open dossier > | button |
| □ Add note | button |
| Open governance log > | button |
| □ Add note | button |
| Open journal > | button |

| Field / action | Type, choices and conditions |
|---|---|
| □ Add note | button |
| < Company overview | button |
| Data Connections & Review | button / button |
| All records | button |
| Annual reports | button |
| Concalls | button |
| Analyst reports | button |
| Legal & governance | button |
| Add source > | button |
| □ Add note | button |
| < Thesis & analysis | button |
| Thesis title | input \| Example: e.g. Reliance's value will increasingly depend on... |
| Investment thesis | textarea \| Example: What do you believe? What will change? Why does the market not fully recognise it yet? |
| Your analysis | textarea \| Example: Write your reasoning: business drivers, valuation, management judgement, sector conditions, risks, technical or quantitative observations, and what could invalidate the view. |
| Evidence or source references (optional) | input \| Example: e.g. annual report, concall, result release, chart, peer comparison |
| Submit to Intelligence > | button |
| View Intelligence > | button |
| ⇧ Upload document | button |
| □ Add note | button |
| □ New research note | button |
| < Company overview | button |
| Write research note | button |
| □ Add note | button |

| Field / action | Type, choices and conditions |
|---|---|
| < Company overview | button |
| Add paper > | button |
|  Add note | button |
| < Company overview | button |
|  Add note | button |
| < Company overview | button |
|  Add case | button |
|  Add action | button |
|  Add note | button |
| Edit factor weights | button |
| < Company overview | button |
| Edit weights | button |
| Source rules | button |
|  Add note | button |
| < Company overview | button |
|  Add note | button |
| < Company overview | button |
|  Add Reliance | button |
| Company overview | button |
| Period | select \| Choices: Annual; Quarterly; All reporting periods |
| Reporting basis | select \| Choices: Consolidated; Standalone |
| History columns | select \| Choices: 10 years; 5 years; All available |
| Export statement CSV | button |
| Source documents | button |
| Income statement | button |

| Field / action | Type, choices and conditions |
|---|---|
| Balance sheet | button |
| Cash flow | button |
| Segments | button |
| Other statutory statements | button |
| Notes to accounts | button |
| Find statement line item | input / search \| Example: Search line items... |
| Search annual-report notes | input / search \| Example: Search the annual report... |
| Annual report for notes | select |
| Extract selected report | button |
| Source and reporting period | select |
| Company overview | button |
| Business & drivers | button |
| Management | button |
| Corporate governance | button |
| Past statements & outlook | button |
| Statutory reports | button |
| Annual report for disclosures | select |
| Search company disclosures | input / search \| Example: Search report text... |
| Extract selected report | button |
| Return to active company | button |
| Find company by name, symbol, ISIN or sector | input / search \| Example: Type to filter all companies... |
| Previous | button / button \| Initially disabled until the needed context is available |
| Next | button / button \| Initially disabled until the needed context is available |
| Reload latest saved data | button / button |

| Field / action | Type, choices and conditions |
|---|---|
| Refresh exchange universe / EOD | button |
| Import official Nifty 100 | button |
| Official constituent CSV | a \| Opens: https://www.niftyindices.com/IndexConstituent/ind_nifty100list.csv |
| Or upload the official CSV | input / file \| Accepted file types: .csv |
| □ Add note | button |
| < Company workspace | button |
| View timeline > | button |
| Open driver tree > | button |
| Full financials & history > | button |
| Product blueprint | button |
| Company template | button |
| Demo-data policy | button |
| Ask the research assistant | input |
| Ask | button |
| All risks > | button |
| View energy-cycle sensitivity | button |
| View capital-allocation discipline | button |
| View sector and policy changes | button |
| Open documents > | button |
| Open Chat | button |
| Close Chat | button |
| Add grinning face | button / button |
| Add thumbs up | button / button |
| Add check mark | button / button |

| Field / action | Type, choices and conditions |
|---|---|
| Add pin | button / button |
| Add magnifying glass | button / button |
| Add warning | button / button |
| Add upward chart | button / button |
| Add downward chart | button / button |
| Close note form | button |
| Close upload form | button |
| Close portfolio form | button |
| Close weight editor | button |
| Restore standard weights | button / button |
| Save weights | button / button |
| Close notes | button |
| Search notes | input \| Example: Search title, tags or note text |
| Search | button |
| Close company record | button |
| Close case form | button |
| Close regulatory action form | button |

# Customer My Research

## Research Form

| Field / action | Type, choices and conditions |
|---|---|
| Check for changes | button / button |
| Save private review | button / submit |
| basis | select \| Choices: Consolidated; Standalone |
| nextReview | input / date |
| Why might this business create value? What evidence supports that view? | textarea \| Maximum characters: 9000 |
| What would a well-informed critic say? | textarea \| Maximum characters: 9000 |
| Metric, expected value, time horizon and the evidence to review. | textarea \| Maximum characters: 9000 |
| risks | textarea \| Maximum characters: 9000 |
| What observable event or result would make you reconsider? | textarea \| Maximum characters: 9000 |
| Attach content | button / button |
| template | select \| Choices: General; Bank; IT services; Manufacturer; Retailer |
| quality | textarea \| Maximum characters: 9000 |
| capitalAllocation | textarea \| Maximum characters: 9000 |
| balanceSheet | textarea \| Maximum characters: 9000 |
| What must growth, margins and capital requirements look like to justify your price assumption? | textarea \| Maximum characters: 9000 |
| bear | textarea \| Maximum characters: 9000 |
| base | textarea \| Maximum characters: 9000 |
| bull | textarea \| Maximum characters: 9000 |
| vm-enabled | input / checkbox |
| vm-model | select \| Choices: Operating business · FCFF; Bank · equity payout model |

| Field / action | Type, choices and conditions |
|---|---|
| Use available annual evidence | button / button |
| vm-asOf | input / date \| Maximum characters: 2000 |
| vm-sourceUrl | input / url \| Maximum characters: 2000 |
| vm-sourceNote | input / text \| Maximum characters: 2000 |
| vm-revenue | input / number \| Step: any \| Maximum characters: 2000 |
| vm-bookEquity | input / number \| Step: any \| Maximum characters: 2000 |
| vm-shares | input / number \| Step: any \| Maximum characters: 2000 |
| vm-price | input / number \| Step: any \| Maximum characters: 2000 |
| vm-netDebt | input / number \| Step: any \| Maximum characters: 2000 |
| vm-years | input / number \| Step: any \| Maximum characters: 2000 |
| vm-tax | input / number \| Step: any \| Maximum characters: 2000 |
| vm-discount | input / number \| Step: any \| Maximum characters: 2000 |
| vm-terminalGrowth | input / number \| Step: any \| Maximum characters: 2000 |
| vm-terminalReturn | input / number \| Step: any \| Maximum characters: 2000 |
| vm-salesToCapital | input / number \| Step: any \| Maximum characters: 2000 |
| vm-payout | input / number \| Step: any \| Maximum characters: 2000 |
| vm-growth-bear | input / number \| Step: any |
| vm-margin-bear | input / number \| Step: any |
| vm-roe-bear | input / number \| Step: any |
| vm-growth-base | input / number \| Step: any |
| vm-margin-base | input / number \| Step: any |
| vm-roe-base | input / number \| Step: any |
| vm-growth-bull | input / number \| Step: any |
| vm-margin-bull | input / number \| Step: any |
| vm-roe-bull | input / number \| Step: any |

| Field / action | Type, choices and conditions |
|---|---|
| Calculate scenarios & implied expectations | button / button |
| DCF methodology | a \| Opens: https://pages.stern.nyu.edu/~adamodar/New_Home_Page/background/valintro.htm |
| Financial-service valuation | a \| Opens: https://pages.stern.nyu.edu/~adamodar/pdfiles/country/finsvce.pdf |
| Add evidence | button / button |
| Add confirmed statement | button / button |
| Which assumptions held? Which failed? What would you do differently? | textarea \| Maximum characters: 9000 |
| history-picker | select \| Choices: No saved versions |
| Inspect saved review | button / button |
| Export saved brief | button / button |
| Download this version’s data | button / button |

### Customer Report Form

| Field / action | Type, choices and conditions |
|---|---|
| title | input \| Required \| Maximum characters: 220 |
| reportType | select \| Choices: Company; Sector; Macro; Portfolio; Quantitative; Other |
| file | input / file \| Accepted file types: .pdf,.doc,.docx |
| reportText | textarea \| Maximum characters: 60000 |
| Save private report | button / submit |

### Other page controls

| Field / action | Type, choices and conditions |
|---|---|
| LUMUNIRInvestment intelligence | a \| Opens: / |
| Back to portal | a \| Opens: / |
| Demo & help | a \| Opens: /demo |
| My account | a \| Opens: /account |
| Find a company | input / search \| Example: Name or symbol... |
| Published directory | select \| Choices: Loading companies... |
| Check my saved reviews | button / button |
| Check collection status | button / button |
| Inspect latest saved review | button / button |
| I have compared it; keep my draft for the next version | button / button |
| Close saved review | button / button |
| Use this version as a draft | button / button |

## Demo & Help

### Coverage Search

| Field / action | Type, choices and conditions |
|---|---|
| Search the full directory | input / search \| Maximum characters: 120 |
| Search | button / submit |

### Support Form

| Field / action | Type, choices and conditions |
|---|---|
| category | select \| Choices: Something is broken; Source or data issue; Account access; Product feedback |
| Describe the company, screen and what happened. Do not include passwords, recovery codes or confidential documents. | textarea \| Required \| Maximum characters: 4000 |
| consent | input / checkbox \| Required |
| Send feedback | button / submit |

### Other page controls

| Field / action | Type, choices and conditions |
|---|---|
| LUMUNIRInvestment intelligence | a \| Opens: / |
| Portal | a \| Opens: / |
| My Research | a \| Opens: /my-research |
| Chat | a \| Opens: /chat |
| My account | a \| Opens: /account |
| Previous | button / button \| Initially disabled until the needed context is available |
| Next | button / button \| Initially disabled until the needed context is available |
| check-device | select \| Choices: Desktop / laptop; Phone; Tablet |
| check-network | select \| Choices: Wi-Fi; Mobile data; Wired; Unknown |
| Start loading check | button / button |
| Show results | button / button |
| Stop & clear | button / button |
| Add results to feedback | button / button \| Initially disabled until the needed context is available |
| Describe a failed step without private content. | textarea \| Maximum characters: 600 |
| Add checklist to feedback | button / button |

# Customer Chat

### Chat Compose

| Field / action | Type, choices and conditions |
|---|---|
| Write a message | textarea \| Maximum characters: 4000 \| Example: Choose a conversation to write a message \| Initially disabled until the needed context is available |
| Attach file | button / button \| Initially disabled until the needed context is available |
| Share research | button / button \| Initially disabled until the needed context is available |
| Insert a smile emoji | button / button \| Initially disabled until the needed context is available |
| Send | button / submit \| Initially disabled until the needed context is available |
| chat-file | input / file \| Accepted file types: .pdf,.doc,.docx,.xls,.xlsx,.ppt,.pptx,.txt,.csv,.md,.png,.jpg,.jpeg |

### Safety Form

| Field / action | Type, choices and conditions |
|---|---|
| Close | button / button |
| Continue | button / submit |

### Chat Dialog Form

| Field / action | Type, choices and conditions |
|---|---|
| Close | button / button |
| Cancel | button / button |
| Continue | button / submit |

## Other page controls

| Field / action | Type, choices and conditions |
|---|---|
| LUMUNIR research portal | a \| Opens: / |
| Research portal | a \| Opens: / |
| My Research | a \| Opens: /my-research |
| My account | a \| Opens: /account |
| New message | button |
| New group | button |
| Blocked accounts | button |
| Name, username or recent message | input / search |
| All | button |
| Direct | button |
| Groups | button |
| Unread | button |
| Refresh | button |
| Show conversations | button |
| Video call | button \| Initially disabled until the needed context is available |
| Details | button \| Initially disabled until the needed context is available |
| Search text and filenames | input / search |
| New message | button |
| Close details | button |
| Add member | button |
| Rename group | button |
| Leave group | button |
| Block contact | button |
| Report conversation | button |

| Field / action | Type, choices and conditions |
|---|---|
| Close | button |
| join-mic | input / checkbox |
| join-camera | input / checkbox |
| Test camera | button |
| Join meeting | button \| Initially disabled until the needed context is available |
| Microphone off | button |
| Camera off | button |
| Share screen | button |
| Leave call | button |
| End for everyone | button |

## Research directory view

### Other page controls

| Field / action | Type, choices and conditions |
|---|---|
| LUMUNIR home | a \| Opens: #companies |
| Find a company | input / search \| Example: Find a company by name or symbol |
| Companies | a \| Opens: #companies |
| Company overview | a \| Opens: #overview |
| Financials | a \| Opens: #financials |
| ⇄Peer comparison | a \| Opens: #peers |
| Research papers | a \| Opens: #papers |
| Sources & methodology | a \| Opens: #sources |

# Account and recovery

### Login Form

| Field / action | Type, choices and conditions |
|---|---|
| you@gmail.com or +91... | input \| Required \| Maximum characters: 254 |
| password | input / password \| Required \| Maximum characters: 128 |
| Show password | button / button |
| Log in | button / submit |

### Phone Login Form

| Field / action | Type, choices and conditions |
|---|---|
| +91 98765 43210 | input / tel \| Required \| Maximum characters: 40 |
| Send OTP | button / button |
| Enter SMS code | input \| Required \| Maximum characters: 10 \| Initially disabled until the needed context is available |
| Verify OTP and log in | button / submit \| Initially disabled until the needed context is available |

### Signup Form

| Field / action | Type, choices and conditions |
|---|---|
| Your full name | input \| Required \| Maximum characters: 120 |
| Your company | input \| Maximum characters: 160 |
| contactMethod | input / radio \| Initially selected |
| contactMethod | input / radio |
| you@gmail.com | input / email \| Required \| Maximum characters: 254 |
| +91 98765 43210 | input / tel \| Maximum characters: 40 \| Initially disabled until the needed context is available |
| Send OTP | button / button |
| Enter SMS code | input \| Maximum characters: 10 \| Initially disabled until the needed context is available |
| password | input / password \| Required \| Maximum characters: 128 |
| Show password | button / button |
| confirmPassword | input / password \| Required \| Maximum characters: 128 |
| Show password | button / button |
| acceptTerms | input / checkbox \| Required |
| Account details | a \| Opens: #account-details |
| Create account | button / submit |

### Recover Form

| Field / action | Type, choices and conditions |
|---|---|
| identity | input \| Required \| Maximum characters: 254 |
| recoveryCode | input \| Required \| Maximum characters: 80 |
| password | input / password \| Required \| Maximum characters: 128 |
| Show password | button / button |
| confirmPassword | input / password \| Required \| Maximum characters: 128 |
| Reset password | button / submit |

## Other page controls

| Field / action | Type, choices and conditions |
|---|---|
| LUMUNIRInvestment Intelligence | a \| Opens: / |
| LUMUNIR | a \| Opens: / |
| Log in | button / button |
| Create account | button / button |
| Continue with Google | button / button \| Initially disabled until the needed context is available |
| Log in with SMS OTP | button / button |
| Forgot your password? | button / button |
| Use password instead | button / button |
| Continue with Google | button / button \| Initially disabled until the needed context is available |
| Back to login | button / button |
| Open research workspace | a \| Opens: / |
| Connect Google account | button / button \| Initially disabled until the needed context is available |
| Log out | button / button |
| Log out on all devices | button / button |
| Copy code | button / button |
| I have saved it | button / button |
| Close details | button / button |

## New white-paper controls in Demo & Help

| Action | Behaviour |
|---|---|
| Read the white paper (PDF) | Opens the complete branded PDF in a new tab. |
| Download PDF | Downloads a personal reading copy of the same edition. |

# Dynamic owner-form field reference

These controls are created when the owner opens a research module. They are documented for completeness; their private owner APIs are not granted to ordinary customer accounts. User-facing workflow descriptions appear in the company and workspace chapters.

## Paper Review

| Field | Type, choices and conditions |
|---|---|
| Authorised research paper | select \| Required |
| Review as of date | input / date |
| Research objective | textarea \| Maximum characters: 2000 \| Example: What should this source-grounded review help you understand, test or model? |

## Data Manifest

| Field | Type, choices and conditions |
|---|---|
| Data type | select \| Choices: Price; Financial statement; Benchmark; Factor / macro; Corporate action; Custom |
| Frequency | select \| Choices: Daily; Weekly; Monthly; Quarterly; Annual; Event |
| Data as of | input / date |
| Source name | input \| Required \| Maximum characters: 200 \| Example: Licensed provider, exchange, filing or analyst-supplied source |
| Source reference | input \| Required \| Maximum characters: 1000 \| Example: Dataset name, URL or internal reference |
| Start date | input / date |
| End date | input / date |

## Paper Assumption

| Field | Type, choices and conditions |
|---|---|
| End date | input / hidden |
| End date | input / hidden |
| Assumption | input \| Required \| Maximum characters: 160 \| Example: e.g. Revenue growth |
| Source value | input \| Required \| Maximum characters: 3000 \| Example: Value stated in the paper |
| Unit | input \| Maximum characters: 80 \| Example: % / ₹ cr / text |
| Use or change | select \| Choices: Keep pending; Use source value; Use edited value; Exclude |
| Effective value | input \| Maximum characters: 3000 \| Example: Leave equal to source value unless you change it |
| Paper page / section citation | input \| Required \| Maximum characters: 220 \| Example: e.g. page 14 · valuation assumptions |

## Paper Claim

| Field | Type, choices and conditions |
|---|---|
| Paper page / section citation | input / hidden |
| Paper page / section citation | input / hidden |
| Claim type | select \| Choices: Hypothesis; Forecast; Assumption; Finding; Methodology |
| Metric / question | input \| Maximum characters: 160 \| Example: Optional metric name |
| Target date | input / date |
| Source-linked paper claim | textarea \| Required \| Maximum characters: 4000 \| Example: Record the claim in your own words, preserving its meaning. |
| Target value / comparison point | input \| Maximum characters: 3000 \| Example: Optional structured comparison point |
| Paper page / section citation | input \| Required \| Maximum characters: 220 \| Example: e.g. page 18 · conclusion |

## Paper Outcome

| Field | Type, choices and conditions |
|---|---|
| Paper claim | select \| Required |
| Outcome as of date | input / date |
| Data manifest | select |
| Actual-outcome source document | select |
| Page / section citation | input \| Maximum characters: 220 \| Example: Required when an actual outcome is entered later |

## Simulation Draft

| Field | Type, choices and conditions |
|---|---|
| Page / section citation | input / hidden |
| Page / section citation | input / hidden |
| Draft title | input \| Required \| Maximum characters: 180 \| Example: Paper-linked sensitivity test |
| Scenario type | select \| Choices: Historical replay; Sensitivity analysis; Monte Carlo; Downside / drawdown; Backtest; Paper claim vs outcome |
| As of date | input / date |
| Dated data manifest | select |
| Paper claim (only required for claim outcome) | select |
| Scenario question and inputs | textarea \| Maximum characters: 8000 \| Example: Describe the historical period, sensitivities, comparison or downside assumptions to be run later. |
| Limitations / validation needed | textarea \| Maximum characters: 6000 \| Example: Data gaps, corporate-action treatment, bias risks and validation requirements. |

## Assessment

| Field | Type, choices and conditions |
|---|---|
| Company | select \| Required |
| Investor principle | select \| Required |
| Assessment | select \| Choices: Not assessed; Supported; Needs more work; Concern; Not applicable |
| Company-specific observation | textarea \| Required \| Maximum characters: 8000 \| Example: Apply the principle in your own words. State what supports, contradicts or limits it for this company. |
| Supporting company document (optional) | select |
| Precise page / table / section | input \| Maximum characters: 260 \| Example: Required when a company document is selected |

## Evidence Ledger

| Field | Type, choices and conditions |
|---|---|
| Precise page / table / section | input / hidden |
| Evidence type | select \| Choices: Fact; Number; AI statement; Rating input; Chart; Valuation assumption; Other |
| Short title | input \| Required \| Maximum characters: 220 \| Example: e.g. Retail EBITDA margin |
| Confidence | select \| Choices: Under review; Low; Moderate; High |
| Fact, number or statement | textarea \| Required \| Maximum characters: 12000 \| Example: Record the source-grounded fact, number, AI statement, chart interpretation or valuation assumption in your own words. |
| Source document | select |
| Source name (for an uncited draft) | input \| Maximum characters: 220 \| Example: Publisher / source name |
| Page, table or section | input \| Maximum characters: 260 \| Example: e.g. p. 142 · note 12 |
| Source date | input / date |
| As-of date | input / date |
| Analyst / reviewer | input \| Maximum characters: 160 \| Example: Named analyst or reviewer |
| Review state | select \| Choices: Draft; Source linked; Human reviewed; Verified |

# Valuation

| Field | Type, choices and conditions |
|---|---|
| Scenario title | input \| Required \| Maximum characters: 180 \| Example: Base case · FCFF |
| Case | select \| Choices: Bear; Base; Bull; Custom |
| Model family | select \| Choices: FCFF / firm DCF; FCFE / equity DCF; Dividend discount; Enterprise multiple; Equity multiple; Sum of the parts; Asset-based value |
| As-of date | input / date |
| Industry / sub-industry | input \| Maximum characters: 160 \| Example: Industry |
| Industry / sub-industry | input \| Maximum characters: 160 \| Example: Sub-industry |
| Metric label | input \| Maximum characters: 120 \| Example: e.g. EV / EBITDA, P / BV, FCFF |
| Net debt / shares (₹ cr) | input / number \| Example: Net debt |
| Net debt / shares (₹ cr) | input / number \| Required \| Minimum: 0.000001 \| Example: Shares cr |
| Base FCF / FCFE / dividend (₹ cr) | input / number \| Minimum: 0 \| Example: Intrinsic-model base |
| Growth / forecast years | input / number \| Example: Growth % |
| Growth / forecast years | input / number \| Minimum: 1 \| Maximum: 20 \| Example: Years |
| Discount / terminal growth | input / number \| Example: Discount % |
| Discount / terminal growth | input / number \| Example: Terminal % |
| Relative metric / target multiple | input / number \| Minimum: 0 \| Example: Metric ₹ cr |
| Relative metric / target multiple | input / number \| Minimum: 0 \| Example: Multiple |
| SOTP enterprise value (₹ cr) | input / number \| Minimum: 0 \| Example: Combined segment EV |
| Asset value / liabilities (₹ cr) | input / number \| Minimum: 0 \| Example: Asset value |
| Asset value / liabilities (₹ cr) | input / number \| Minimum: 0 \| Example: Liabilities |
| Reviewed data snapshot optional | select |
| Current market price (₹) optional | input / number \| Minimum: 0.000001 \| Example: For implied upside / downside |
| Supporting document | select |
| Page / table / section | input \| Maximum characters: 220 \| Example: e.g. p. 142, note 12 |

## Valuation Metric

| Field | Type, choices and conditions |
|---|---|
| Industry | input \| Maximum characters: 160 \| Example: General, Banking, Telecom... |
| Sub-industry | input \| Maximum characters: 160 \| Example: optional |
| Metric label | input \| Required \| Maximum characters: 180 \| Example: EV / EBITDA |
| Metric key | input \| Required \| Maximum characters: 80 \| Example: ev_ebitda |
| Value side | select \| Choices: Enterprise value; Equity value; Cash flow; Asset value |
| Model family | select \| Choices: Relative; Intrinsic; Asset based; Special situation |
| When it is useful | input \| Maximum characters: 4000 \| Example: Why this metric is relevant for this industry |
| Reference kind | select \| Choices: Analyst custom; Public reference |
| Public reference URL (optional) | input / url \| Maximum characters: 1200 \| Example: https://... |

## Position

| Field | Type, choices and conditions |
|---|---|
| Company | input \| Initially disabled until the needed context is available |
| Research weight % | input / number \| Required \| Minimum: 0 \| Maximum: 100 |
| Cost basis (optional ₹) | input / number \| Minimum: 0 |
| Your thesis | textarea \| Maximum characters: 8000 \| Example: Why is this position in the research portfolio? |
| Risk flag | select \| Choices: Monitor; Low; Elevated; High |

# Glossary

| Term | Meaning |
|---|---|
| Anchor | A page, table, row or extraction reference that helps locate the origin of a displayed metric or passage. |
| Annual window | A reporting interval interpreted as a full financial year; fiscal transitions and quarterly intervals must be treated separately. |
| Basis | The financial consolidation scope, usually Consolidated or Standalone. |
| Countercase | A plausible explanation or future outcome that would weaken or disprove the thesis. |
| Catalyst | A specified event or change that could alter the business, evidence or market expectations; it is not a guaranteed price outcome. |
| Commitment | A dated management expectation or milestone with a source, due date and later assessment. |
| DCF | Discounted cash flow: a model translating assumed future cash flows and terminal value into present value. |
| SOTP | Sum of the parts: separately valuing business segments or assets, then reconciling corporate items, net debt and share count. |
| EPS | Earnings per share. Compare accounting definition, reporting basis, period and share-count effects. |
| PAT | Profit after tax. Group total PAT and profit attributable to owners may differ. |
| Evidence ledger | An owner-workspace record linking an assertion to reviewed material and a citation; customer evidence captures belong to the private notebook. |
| ISIN | An international security identifier useful for identity matching; an exchange symbol or company name may change. |
| Unadjusted price | A saved price series without a corporate-action adjustment guarantee. Splits, bonuses and dividends can distort direct return comparisons. |
| Volatility | Dispersion of observed returns over a defined sample; interpretation depends on frequency, adjustment and missing observations. |
| Drawdown | A decline from an earlier observed peak within the selected series; the sample window matters. |
| P95 | The 95th percentile of comparable timing observations. A provisional in-tab result needs enough visible completed samples and does not certify overall browser performance. |
| Review version | A saved dated notebook state. A newer review should preserve the explanation of what changed rather than silently rewrite the earlier expectation. |

| Term | Meaning |
| --- | --- |
| Source backlog | Registered files that are waiting or have failed; it does not equal a verified count of missing unique financial periods. |
| Illustrative | A demo or setup value that has not met the source and review requirements for a verified result. |
| Private account | The signed-in customer's research and communication scope, separate from the publisher's shared company dataset. |

# References and edition record

### LUMUNIR portal

https://lumunir.com

The live portal, user-facing controls and source-linked company material are the primary operating reference. This edition was audited against the current application source on 11 October 2026.

### NSE Industry Classification

https://www.nseindia.com/static/products-services/industry-classification

Reference for the macro-economic sector, sector, industry and basic-industry framework. It does not certify a secondary provider's individual labels.

### NSE Indices Industry Classification

https://www.niftyindices.com/resources/industry-classification

Official explanation of the taxonomy structure and revenue-based classification approach.

### Individual company source links

https://lumunir.com/demo

Open the exact original or provider source shown for the selected company; dates and source coverage can differ.

### Reference scope

The feature descriptions and control reference derive from the current LUMUNIR application, not a proposed feature list or an unverified marketing comparison. The public-source hierarchy, private saving boundaries and owner restrictions were inspected together. This paper is a reading guide and contains no passwords, cookies, API keys, private customer records or confidential reports.

Inventory: 76 module/workflow entries, 617 static control entries including the two white-paper links, and 95 additional dynamic owner-form fields. Control counts describe documentation scope, not independently tested end-to-end feature passes.

### Keep the guide current

Use the source date shown beside classification references and the in-portal dates for financials and market observations. When a feature, permission or field changes, the white-paper content should be reviewed and a new edition published in Demo & Help. The guide records the release it describes; it does not promise that source coverage remains fixed.