

# Collibra Data Intelligence Platform for Financial Services

## Overcoming data challenges

Financial institutions operate in a highly complex data landscape with petabyte-scale data residing across thousands of disparate data sources in an on-premises, hybrid and multi-cloud environment.

Across lines-of-businesses — from risk, finance, compliance, marketing, and more — data citizens are struggling to easily discover and understand the data they have. They are unable to ascertain who owns the data, where it originated from, whether it is trustworthy and fully governed for use, if it is of high quality and whether it contains sensitive information.

For any financial institution, a lack of data literacy (understanding of data) and visibility into their data ecosystem, coupled with poor quality data, elevates the potential for operational and regulatory compliance risks. Moreover, it is an impediment to deriving value from data in a timely manner.

**Collibra Data Intelligence Platform is an intelligent data platform that leverages the power of machine learning and provides a holistic and integrated approach to cataloging, governing, protecting, managing and collaborating with data at scale across on-premises, hybrid and multi-cloud environments.**

## Speed innovation with trusted data

With Collibra Data Intelligence Platform, financial institutions can build a common foundation for data. This enables them to mitigate operational risks and ensure compliance with regulatory stipulations while democratizing the use of trustworthy data to speed innovation.

Financial institutions of all types and sizes — including investment and retail banks, asset managers, stock exchanges, fintech and insurers — rely on Collibra Data Intelligence Platform to support mission-critical applications and enable strategic business imperatives such as:



**Risk and regulatory compliance**



**AI governance and data preparation**



**Financial reporting**



**Cloud data migration and modernization**



**Self-service analytics**



**Digital banking transformation**

# Enable strategic use cases



## Fortify risk and regulatory compliance

- Speed the automation of complex regulatory rules and standards and enable adherence to **CCAR, FRTB, BCBS 239, BSA/AML, IFRS-17, Solvency II, PSD2, MiFID, GDPR, and more.**
- Enact rigorous data management, governance, data quality and privacy guidelines as required by regulators.
- Obtain end-to-end data lineage and trace datasets from source to target to better understand how risk models were computed with detailed information at a granular level.
- Meet stringent requirements for back-testing and risk analysis while providing comprehensive audit trails for reporting purposes.



## Improve financial reporting and transparency

- Streamline and speed the process of financial reporting and adherence to various accounting standards.
- Empower cross-functional teams — finance, risk, compliance and governance — to easily find and understand the data and reports they need regardless of where it resides.
- Enable finance teams to gain a better understanding of how financial disclosures were calculated and trace lineage of datasets.
- Ensure classified and sensitive financial data is easily identified and fully protected with role-based access controls.

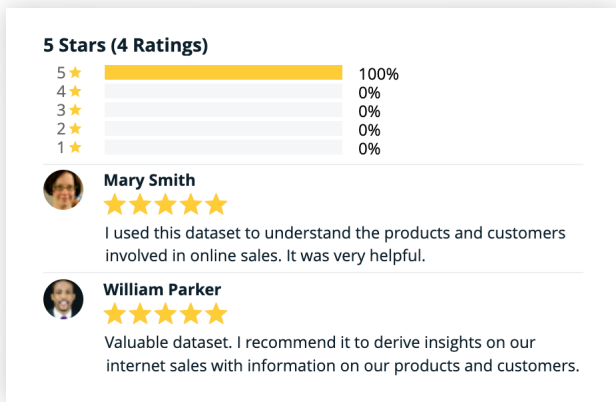


Figure 1: Easily collaborate with data leveraging crowdsourcing capabilities



## Accelerate data democratization and self-service analytics

- Empower data citizens to easily discover and shop for trusted data assets, reports and models.
- Leverage popular and widely-used business intelligence (BI) tools such as Tableau in conjunction with Collibra Data Catalog to obtain a more complete view and understanding of data.
- Enable quant experts and asset managers to rapidly discover and understand the data they need with rich technical and business context and trace lineage when modeling and analyzing credit, liquidity and market risks.
- Allow marketing and customer experience teams to shop for fully governed data for customer analysis and segmentation.



## Enable explainable AI and build models you can trust

- Create a trusted repository of metadata (data about data) that includes AI model techniques, data inputs, data features, expected outputs and more.
- Empower data scientists to easily discover trustworthy data with rich business and technical context so they can build data pipelines and train models.
- Trace lineage of datasets and models with detailed information to better understand data transformations.
- Leverage machine learning (ML)-enabled data quality and observability to help detect data drift, outliers and patterns to ensure accuracy and performance of AI and analytics models over time.

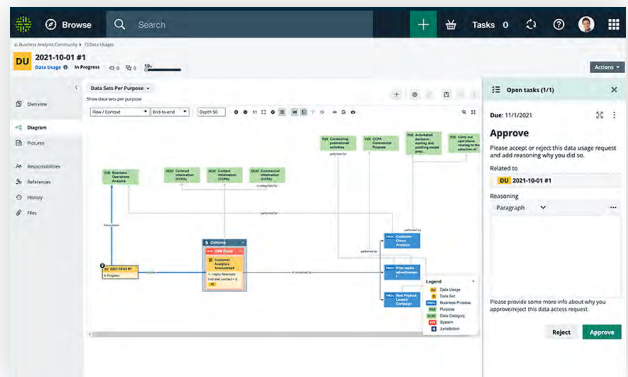


Figure 2: Visualize and understand data dependencies from source to target with end-to-end data lineage



# The Collibra Data Intelligence Platform Advantage



Financial institutions globally rely on Collibra Data Intelligence Platform to gain in-depth visibility into their data ecosystem across on-premises, hybrid and multi-cloud environments, without moving data, so that data assets stay protected.

## Govern. Trust. Access.

### Data Catalog

- Catalog
- ML Curation
- Ratings / Reviews
- Data Marketplace

### Data Lineage

- Business Lineage
- Technical Lineage
- Impact Analysis

### Data Governance

- Business Glossary
- Stewardship
- Data Dictionary
- Reference Data
- Data Helpdesk

### Data Quality

- Continuous Monitoring
- Adaptive Rules

### Data Privacy

- GDPR
- CCPA

## Active metadata graph

### Core Services



Flexible operating model



Native connectors



Reports and dashboards



Collibra everywhere



Workflow engine



Collaboration



APIs



Collibra Insights



**Collibra has helped us better manage metadata and end-to-end data governance. We have been able to deliver more value with quality data through automation for more than 10,000 users.**



— Major Investment Bank

# Core capabilities



## Rapid data discovery and self-service data access

- The intelligent data catalog is purpose-built to empower data citizens, so they can easily find and understand the data they need with rich business and technical context. With built-in crowdsourcing capabilities, users can easily collaborate on data. They can rate, comment on, and prioritize data sets for use as well as provide feedback.
- A powerful contextual search engine and easy-to-use, intuitive data shopping experience enables data citizens across the organization to easily locate and shop for fully-governed and trustworthy data they need.



## Comprehensive and adaptive data governance

- Collibra data governance is a one-stop-shop for data, regulatory compliance, AI and analytics governance. Built-in data governance enables users to develop a consistent data taxonomy that includes regulatory specific rules, physical and/or logical data dictionary, glossary of terms, out-of-the box data domains, and more.
- Pre-built templates, reference data management, stewardship management and intuitive workflows enable automation of governance processes and provide a framework for cross-functional teams to establish a common understanding of data to ensure consistency.



## Predictive data quality and data integrity at scale

- Machine learning (ML)-powered data quality and observability enables proactive detection of anomalies in data such as missing records, values as well as broken relationships across tables or systems resulting in rapid resolution.
- If data quality drops below a set threshold, Collibra automatically creates a data quality issue and notifies the right people to handle the issue according to the desired priority level.



## End-to-end data lineage and visibility

- Automated data lineage enables data citizens to dynamically visualize the flow of data from source to target as well as understand all the data dependencies at a granular level.
- For instance, data citizens can better understand how risk models are computed and trace lineage of each data set with rigorous audit trails for reporting purposes. An active metadata graph — that connects business, technical and privacy metadata with data quality and lineage - provides rich content and context to users.



## Embedded privacy by design and data protection

- With Collibra, financial institutions can enforce comprehensive data privacy and protection policies in adherence with regulatory stipulations and corporate best practices for data retention and usage.
- ML-powered automation enables rapid classification of data by category, sensitivity and user type at scale. Advanced capabilities in data privacy and protection will help ensure sensitive data is easily identified and protected with role-based access control.

**Collibra is the Data Intelligence company.**

For more information, visit us at [www.collibra.com](http://www.collibra.com).

We accelerate trusted business outcomes by connecting the right data, insights and algorithms to all Data Citizens. Our cloud-based platform connects IT and the business to build a data-driven culture for the digital enterprise. Global organizations choose Collibra to unlock the value of their data and turn it into a strategic, competitive asset. We have a diverse global footprint, with offices in the US, Belgium, Australia, France, UK, Czech Republic and Poland.