

Collibra Data Intelligence Platform for State and Local Agencies

Overcoming data challenges

State and local agencies operate in a highly complex data landscape with petabytes of data residing in hundreds of disparate data sources spread across an on-premises, hybrid and multi-cloud environment.

In this type of data ecosystem, it is very difficult for data citizens — including chief data officers, data scientists, data stewards and government employees at large who produce and consume data — to easily find or understand the data they need. Users are unable to ascertain if the data comes from a trustworthy source and whether it is certified for use. They are unable to obtain detailed information about the data such as its attributes, where did it originate from, who owns the data and whether it is of high or poor quality.

For any agency, the inability to find the right data coupled with data integrity issues, a lack of data governance, transparency and traceability of data can adversely impact their ability to serve constituents and support critical missions in a timely and secure manner.

To speed digital transformation and data modernization initiatives, government policies and laws such as the Foundations for Evidence-based Policymaking Act provides a framework for agencies to overcome data silos by making high quality data easily findable, accessible, reusable and shareable. This entails the implementation of a rigorous data governance and management strategy that accounts for all data assets and metadata (data about data) created by, collected by, under the control of and maintained by each agency. Furthermore, agencies are increasingly required to make unclassified information that's trustworthy available for public consumption. Ultimately enabling them to deliver greater accountability and transparency across government programs and spending to better serve their constituents.

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.

Drive innovation with trusted data

With Collibra Data Intelligence Platform, state and local agencies can build a common foundation for data. They can speed data discovery, improve data literacy (understanding of data) and drive greater collaboration with trustworthy data both at an intra and cross-agency level.

Moreover, with increased focus on zero-trust architecture in government, with Collibra, agencies can govern data, protect classified and sensitive information and enable data integrity at scale. Additionally, security and data protection are a central tenet of Collibra Data Intelligence Platform. As a commitment to serving government agencies and meeting rigorous standards, Collibra is also FedRAMP Moderate authorized.

State and local agencies rely on Collibra Data Intelligence Platform to accelerate data-driven decisions, mitigate operational risks, enable mission-critical applications, and operationalize government policies and laws including:



**Evidence-based
Policymaking Act**



**Digital
transformation**



**Open
Government
Data Act**



**Digital
democratization and
self-service analytics**



**Financial and
regulatory
reporting**



**Digital
transformation and
data modernization**

Enable strategic use cases



Accelerate data democratization and self-service analytics

- Empower data citizens to rapidly discover, understand and collaborate with fully governed data that's primed for self-service analytics and AI use.
- Enable a federated data marketplace built on a modern data mesh architecture for faster time-to-insights.
- Leverage popular business intelligence (BI) tools such as Tableau in conjunction with Collibra Data Catalog and enable data citizens to obtain a more complete view of data with granular details.
- Make better and more informed decisions faster leveraging high-quality data to support critical missions and ultimately better serve constituents in a timely and secure manner.



Figure 1: Easily collaborate with data leveraging crowdsourcing capabilities



Streamline financial and regulatory reporting

- Speed the process of financial and regulatory reporting with greater consistency, accuracy, auditability and transparency.
- Create a trusted, single repository of metadata (data about data) and reports regardless of where they may reside.
- Empower cross-functional teams to easily find and understand the data and reports they need with detailed context.
- Enable finance teams to gain a better understanding of how financial disclosures were calculated and easily trace lineage of datasets with comprehensive audit trails.



Improve transparency and data integrity at scale

- Implement systematic data governance, quality and privacy controls that remove human error and mitigate data-related, operational and regulatory non-compliance risks.
- Proactively detect anomalies and inaccuracies in data across agency departments and systems including HR, finance, and more.
- Mitigate compliance and cybersecurity risks by applying data policies and controls consistently across all datasets.
- Easily locate, classify and protect sensitive data including Personally Identifiable Information (PII) and Protected Health Information (PHI) with role-based access control.

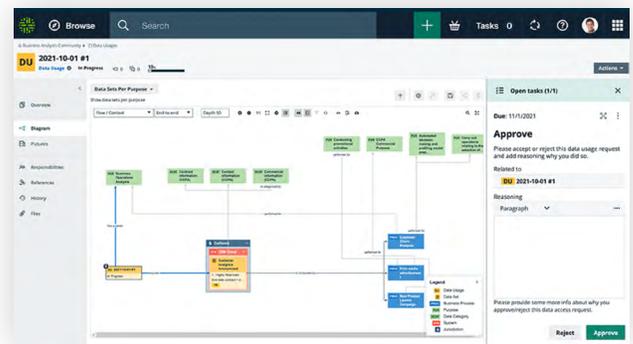


Figure 2: Visualize and understand data dependencies from source to target with end-to-end data lineage



Speed digital transformation and data modernization

- Quickly determine what impact migrating a particular dataset to a data lake or modern data warehouse may have on upstream and downstream systems, as well as prioritize migration of datasets in the right sequence and securely.
- Simplify data onboarding to maximize productivity by cataloging and managing the data in your data lake and data warehouse from a single centralized location.
- Maximize the impact of your data migration by setting up controls to ensure that only clean data that meets your data quality standards is migrated.
- Obtain end-to-end visibility into your data residing in data lakes and data warehouses in AWS GovCloud.



The Collibra Data Intelligence Platform Advantage



State and local agencies rely on Collibra Data Intelligence Platform to gain in-depth visibility into their data ecosystem across on-premises and AWS GovCloud 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



Data and analytics are no longer “just” for specialists, such as data engineers and data scientists; rather, data literacy is now increasingly recognized as a core workforce competency



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 agency to easily locate and shop for fully-governed and trustworthy data they need.



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 financial disclosures 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.



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.



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.



Embedded privacy by design and data protection

- With Collibra, state and local agencies 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 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.