Collibra | aws

Factsheet

Maximize data lake productivity

Increase adoption of Amazon Web Services (AWS) data and analytics services with Collibra

As organizations migrate data to an AWS platform, there are three main concerns from Data Offices that hamper the flow of more data to the cloud ultimately halting data-driven insights and innovation.

First, when data moves from its silos to a central data platform, lack of clarity around data ownership and accountability can be an issue for initial data streams as well as derived data created within Amazon Redshift.

Second, discovery of sensitive data can be challenging. Data needs to be found, identified and the right policy needs to be applied so users can confidently, quickly and securely request access.

Third and final, when data is not continuously monitored for data quality issues and drift, organizations report an increased risk of bad data. This leads to bad reporting, lack of trust in reports and machine learning models, and at times loss of revenue.

The integration of Collibra and AWS data and analytics services gives data consumers and data producers a central place to publish and shop for the best quality data.

Customer examples

A leading global investment bank enabled self-service analytics across the enterprise and reduced third party data spend by <$1M per year.

A global automotive company governed the ingestion of data into their data lake and added necessary business context so that they could easily find, understand, access, and trust their data.

Collibra Data Intelligence Cloud maximizes data lake productivity:

Data governance

- A taxonomy of data is built in the data catalog enabling registration of at least one data source for each entry so data consumers have visibility into additional context such as ownership and licensing.
- Governed ingestion requires data consumers to make a request for data to be ingested into the cloud. Additional context can be stored with the data to help data consumers better understand the data before making an ingestion request.

Policy enforcement

As data moves to the cloud, it is scanned to identify sensitive data. As the data is ingested, it is linked to policies which can in turn be linked to Lake Formation policy tags. These tags can be used to write down the policies to AWS Lake Formation.

Data quality

As more data streams into AWS, the better the data becomes. Data quality rules are automatically learned, and the data is continuously observed. Running in Amazon EMR, it continuously monitors data for data quality issues and drift.

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Benefits

Boost data lake ROI
Increase data lake adoption by making it a trusted and easy-to-use source of data

Resource optimization
Reduce time spent by data scientists and analysts hunting for the right data

Mitigate risks
Gain more control over compliance of internal data usage with data usage requests

Reduce cost
Eliminate duplicated data sets and data manipulation to reduce storage and processing costs

Collibra Data Intelligence Cloud Solution Highlights

Native integration. Ingests metadata into Collibra directly from Amazon Redshift, Amazon DynamoDB, and Amazon Athena and further enriched with content directly from AWS's native catalog, AWS Glue.

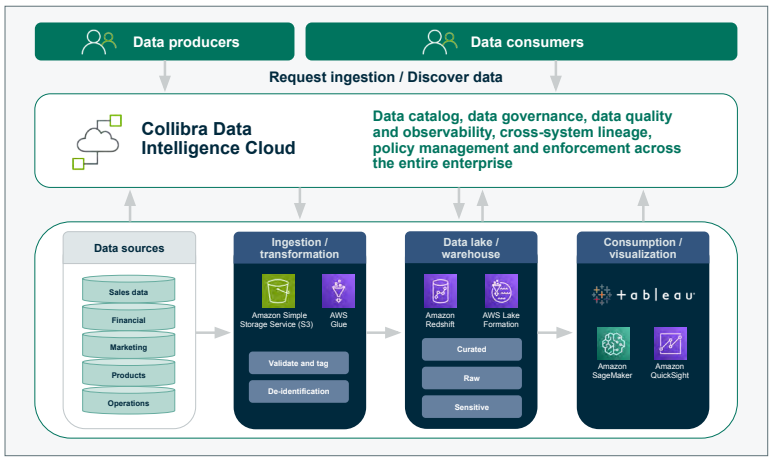
Data classification. Classifies external data sets by type and sensitivity automatically.

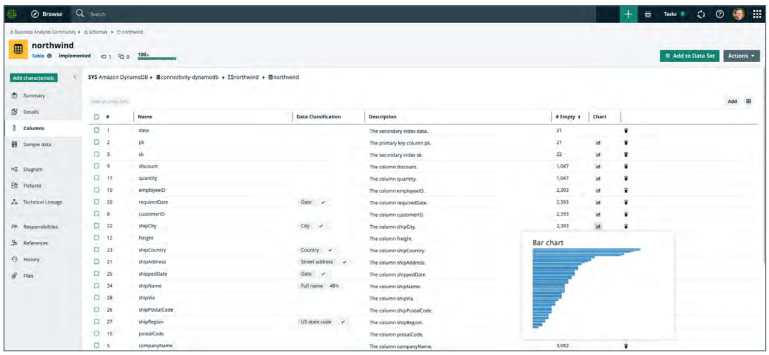
Data observability. Automatically learns data quality rules as data gets ingested into AWS.

Lineage. Extract and maintain rich technical and business data lineage automatically from Redshift and Glue, or automatically build diagrams showing field lineage back to source columns within business intelligence tools, such as Tableau reports and dashboards.

Integrated governance and privacy policies. Ensures compliant use of data with policies that govern access to AWS.

Hybrid and multi-cloud integrations. Connects to other commonly used data lakes and other source systems to provide a unified view of all data across all sources.





Find Collibra on the AWS Marketplace and AWS GovCloud (US), and use your marketplace credits to accelerate procurement.

If you are interested in learning more, please visit collibra.com/aws to request a demo.