



Joint Success Story: Major Retail Bank

KEY HIGHLIGHTS

INDUSTRY

Financial Services

LOCATION

Global

BUSINESS APPLICATIONS SUPPORTED

- > Asset risk measurement
- > Regulatory compliance

IMPACT

- > 50+ comprehensive data sanity and quality checks per record
- > Monthly data quality reports provided to CRO and CFO to ensure regulatory compliance and accurate forecasts

Background

In order to quantify asset risk and comply with regulatory reporting requirements such as the Dodd-Frank Act, this leading retail bank is using Cloudera and Datameer to validate data accuracy and quality.

Integrating loan and branch data as well as wealth management data, a major retail bank's data quality initiative is responsible for ensuring that every record is accurate. The process includes subjecting the data to over 50 data sanity and quality checks. The results of those checks are trended over time to ensure that the tolerances for data corruption and data domains aren't changing adversely. They also ensure that the risk profiles being reported to investors and regulatory agencies are prudent and in compliance with regulatory requirements.

Prior to deploying Cloudera with Datameer, the bank was using Teradata and IBM Netezza to build out data marts so they could analyze data quality using their SAS application. The process was time consuming and complex, and the data mart approach didn't provide the data completeness required for determining overall data quality.

Use Case

The bank's data quality/data stewardship team of 15 users is utilizing a 20 node CDH cluster. They are analyzing trillions of records which currently result in approximately one terabyte per month of reports. The results are reported through a data quality dashboard to the Chief Risk Officer and Chief Financial Officer who are ultimately responsible for ensuring the accuracy of regulatory compliance reporting as well as earnings forecasts to investors.

