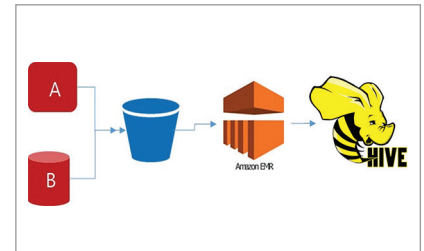


Increase Data Trust and Accelerate Cloud Adoption with Automated Data Quality Validation

Customer: Financial Services

A Life Insurance and Annuities Company created a financial data lake in the AWS Cloud. It was to become the source of truth for all financial reporting and business analysis. Data from multiple legacy systems and insurance administration systems flowed into the data lake on a daily and monthly basis.



Challenges

Customer wanted to detect data issues prior to posting the data in the financial data lake.

They wanted to ensure referential integrity, completeness of the data movement and reasonability of financial numbers.

Enterprise data quality team estimated that it would take a minimum 6 months, 4 additional contractors to deploy essential checks for 10% of the critical data assets (over 500).

Outcomes



DataBuck was also configured to automatically create data quality and data matching checks if it detects new data assets in the AWS S3. On deployment, DataBuck autonomously profiled and created 9-Point data quality checks for all the data that landed from the legacy systems to the AWS bucket.



DataBuck autonomously created data matching rules to reconcile the data between AWS S3 bucket and Hive database.



In less than 8 weeks, DataBuck was able to establish checks for over 500 data assets with the help of one resource.

DataBuck – Benefits

People Productivity Boost >80%

Reduction in Unexpected Errors: 70%

Cost Reduction >50%

Time Reduction to Onboard data set ~90%

Increase in processing speed >10x

Cloud Native