

CASE STUDY

Modernizing the Analytical Platform for One of the Oldest Financial Services Firms in the US



Client

The client is an American bank based in Providence, Rhode Island. The bank provides retail and commercial banking products and services to customers, from individuals to large institutions.

Business Challenges

- Underutilized data resources that are not efficiently leveraged for analytics
- Lack of data trust affecting the decision-making capability
- Slower time to market, affecting market share
- Limited data accessibility hampering innovation

LTIMindtree Solution

- Implemented a data lake on Amazon Simple Storage Service (S3) and a data warehouse on Amazon Redshift
- Migrated data from legacy source systems to Amazon Redshift
- Transferred more than 100 DataStage version 11.3 applications to Talend
- Migrated more than 1200 DataStage jobs, over 15,000+ transformations, database jobs, and shell scripts to Talend
- Automated the conversion of 11,000 jobs to Talend in an accelerated, consistent, and standardized manner
- Executed rigorous automated testing across endpoints and intermediate stages to maintain data integrity
- Enabled robust data governance, including end-to-end data security, quality, cataloging, metadata, and lineage using LTIMindtree's Fosfor Platform

Business Benefits

Migrated over 55 TB of data from multiple platforms

Converted over 11,000 Extract, Transform, and Load (ETL) jobs from DataStage to Talend

Simplified current data assets into a future-ready analytics platform within nine calendar months

Reduced time to market significantly, leading to better market share



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