CASE STUDY

Delivering Complex Finance & Risk Data Transformation at Scale for a Leading Global Bank

Client

The client is a leading global bank serving over 200 million customer accounts and offering financial and banking services in more than 160 countries and jurisdictions..

Challenges

Provide finance, Risk, and Regulatory data processing, storage, and enterprise-wide reporting capabilities that will increase the data's integrity, accuracy, and completeness.

Address business-critical and regulatory requirements stemming due to increasing volume and cost of financial and regulatory data.

Compare and analyze data, provide extensive drill down and actionable insights for investigation.

High velocity and volume of transactions (projected to reach 1 billion transactions per hour).

Achieve standardization of huge volume post-product processor information assets.

Address requirements across 100+ countries with 52 disparate data sources.

LTIMindtree Solutions

Built a **scalable platform with inbuilt engines** to support machine learning and pattern detection and a data monetization platform on a global scale.

Created a Cognitive Data Lake encompassing global finance and regulatory data into Hadoop-based big data infrastructure.

Standardization of huge volumes of data which is fed from the various product processors using a new technology stack.

Developed scorecards and dashboards for data quality analysis.

Developed NexGen microservices for rapid migration of data into the data lake.

Business Benefits

Established a single source of truth for all types of data (Transaction, Reference data, etc.,) for both finance and risk users.

Implemented 50+ use cases for **data monetization across 7 LOBs.**

Enabled **end-to-end data traceability** with enhanced accuracy of reports.

60% reduction in manual effort in data adjustment and manual feeds for reporting.

Provide a platform to meet regulatory obligations on enterprise-wide regulatory reporting as well as its local level.

Monetize both structured and unstructured data across products with minimal processing.