LTIMindtree

CASE STUDY

Single Data Repository across Merged Entities to Meet Governance, Risk & Compliance Requirements

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Client

One of the top 20 American banks provides banking and financial services to retail and commercial customers.

Challenges

Need to integrate deposit data from the four merged entities into Banking Data Mart (BDM) to create a standardized, consistent, and single source of deposit data across all the merged banks to meet Governance, Risk, Compliance, and other requirements from downstream applications.

Require capabilities to handle a huge data volume (approximately 1.8 million customers, up to 7 million daily transactions, and 2-4 million facts per day) and store historical attribute changes.

Deal with Personal Identifiable Information (PII) like account number, Social Security Number (SSN), etc., emphasizing data security.

Guarantee high-level cost-effectiveness, scalability, and performance.

Utilize the source data that was available in different formats and models.

LTIMindtree Solution

- Designed and developed a solution that automated 90% of Datamart's inbound and outbound work by eliminating significant manual work for the production support team.

- Established compliance, operations, treasury, accounting, risk analysis, and BAU activities.

- Integrated BDM to handle substantial transactional data volume using file partitioning and advanced SQL functions where downstream users could retrieve data quickly 24/7.

- Leveraged Datamart to manage data quality, cleansing, and validations dynamically and automatically and enable scalable enhancements for downstream applications.

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Business Benefits

Enabled scalable and automated framework with minimal support activity needed.

Powerful data validation engine capable of notifying and handling data failures.

Delivered Comprehensive Capital Analysis Review (CCAR) regulatory data to QRM, Y9C, Denodo, Axiom, and downstream applications quickly and with strict SLAs.

Reduced cost and effort with an optimized framework so data loads significantly faster.

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