

Case Study

Hybrid Data Lake on AWS for Next-Generation Analytics for Leading Pharma Manufacturing Company

Client

The client is an American Fortune 500 multinational corporation founded in 1886 that develops medical devices, pharmaceuticals, and consumer packaged goods. It is one of the world's most valuable companies and is one of only two US-based companies that has a prime credit rating of AAA, higher than that of the United States government.

Challenges

- High cost of on-premise landscape; in addition to high management and support cost
- Need to transform the existing data landscape into a true serverless cloud platform.
- High TCO as well as turnaround time for report generation.

LTIMindtree Solution

- Built an enterprise data gathering & reporting application using AWS redshift to provide scale, intuitiveness, and cost-effectiveness.
- Migration from the current legacy systems to an AWS platform using custom accelerators to reduce TAT.
- Provided a holistic AWS-based architecture for portal & data collection, data storage, data visualization & analytics and integration, with external systems.
- Developed Neo4j-based hierarchy management system for products and customers.

Business Benefits

190+ person months' effort
saved a year in analyzing the existing portfolio

>20x acceleration in data migration process

90% reduction in report generation time

Key Takeaway:

Harnessing capabilities across cloud storage, cloud data warehousing to have a significant reduction in the processing time and total cost of ownership.

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