

LTIMindtree

Case Study

Snowflake Strategy & Architecture Assessment for a US Multinational Pharma Company

Client

The client is one of the world's largest American multinational pharmaceutical major, leading across generic and patented drugs. The company develops and produces medicines and vaccines for a wide range of medical disciplines.

Business Challenges

- Assessing the existing data warehouse landscape to understand its functionality, inventory, complexities, technical debt, and possibilities of migrating to the cloud.
- Defining a best-fit, cloud-native architecture considering future vision, requirements, TCO, and industry best practices.
- Creating a detailed migration approach and plan for moving to a cloud-based data platform.
- Identifying risks involved and planning for mitigation, so that the 180+ reporting and downstream apps embrace a minimum impact on extensive end-user testing.
- Building a complete operating target model for the future state architecture to facilitate a scaled and seamless execution.

LTIMindtree Solution

- Performed a technical assessment on the existing DW landscape to deep-dive into the as-is architecture to understand the key pain points and expectations.
- Created a detailed data overview report to summarize the pain points, inventory analysis, and suggested pathways for cloud migration to Snowflake.
- Analyzed various architecture options compared with seven comprehensive parameters to recommend a robust and efficient future state architecture considering the costs and risks.

- Designed a meticulous roadmap for the migration strategy with the predicted timelines and critical success factors for a well-educated transition.
- Provided recommendations and suggestions leveraging our proven migration playbook to accelerate and simplify the data migration journey.

Business Benefits

Business case

Developed Snowflake business case across the variable to justify the business investment, thereby reducing the overall platform management cost.

TCO calculator

Built unified Snowflake cost calculator to derive final cloud usage/ compute cost to help make an informed decision.

Cloud-based architecture

Defined key architecture options, along with its comparison and recommendation.

LTIMindtree is a global technology consulting and digital solutions company that enables enterprises across industries to reimagine business models, accelerate innovation, and maximize growth by harnessing digital technologies. As a digital transformation partner to more than 700 clients, LTIMindtree brings extensive domain and technology expertise to help drive superior competitive differentiation, customer experiences, and business outcomes in a converging world. Powered by 81,000+ talented and entrepreneurial professionals across more than 30 countries, LTIMindtree — a Larsen & Toubro Group company — combines the industry-acclaimed strengths of erstwhile Larsen and Toubro Infotech and Mindtree in solving the most complex business challenges and delivering transformation at scale. For more information, please visit **www.ltimindtree.com.**