

Modernizing legacy platforms with a cloud-first strategy

Reducing TCO and elevating AI/ML use cases for a
multinational food corporation



Our client, an industry-leading global retailer, collaborated with our team to modernize their legacy platform nearing its end of life. The shift to a cloud-first strategy using Snowflake was necessary to enhance scalability, support evolving business cases and improve flexibility for new capabilities. The implementation of a self-service approach and federated governance was crucial for effective data management. As a result, the client experienced a reduction in the Total Cost of Ownership (TCO), better cost control and an upgrade in their analytics capabilities, including AI/ML use cases.

The Objective

Modernizing legacy platform, ensuring scalability and adopting a self-service approach

The client was grappling with a legacy platform nearing its end of life. They needed to modernize this platform with a cloud-first strategy, offering scalability and support for evolving business cases. They were also looking for an enterprise analytics platform

with high flexibility and customizability to add new capabilities. A self-service approach with federated governance was necessary for data classification, quality, protection, sharing and compliance.

The Challenge:

Transition to a modern, cloud-based platform with enhanced scalability and support for dynamic business needs

The client aimed to transition from the legacy platform to a modern, cloud-based platform that could enhance scalability and support for evolving business needs. The goal was to build an enterprise analytics

platform with high flexibility and customizability to add new capabilities. They also intended to adopt a self-service approach and federated governance to ensure effective data management.

The Solution:

Transition to Snowflake with accelerators and custom frameworks

Our team recommended transitioning to Snowflake, a cloud-based data platform that replaced the client's legacy system. The migration was facilitated using accelerators and custom frameworks. We built domain-wise data products for consumption and performed data checks for completeness, accuracy, relevance and freshness. Data transformations and

aggregations were carried out at the required levels of regularity and hierarchy. Integration with Power BI and Alation enhanced self-service and governance capabilities. Domain-wise warehouses were established for better cost control and tracking. Data security was enhanced through a combination of row-level security (RLS), data masking and views.

The Impact:

Reduced TCO, enhanced scalability and support for advanced analytics

The implemented solution led to significant improvements, including a reduced total cost of ownership and enhanced scalability. The client could better control costs and integrate with multiple partners in the ecosystem for governance and self-service. The solution also reduced risk and increased flexibility through a standardized common data share. The new platform supported advanced analytics and provided capabilities for AI/ML use cases. These enhancements paved the way for future growth and innovation, allowing the client to focus on more critical tasks and continuously monitor data pipelines.

