

Case Study

Shifting Data Platform to Snowflake for a Leading American Coffee and Beverage Company



Client

The client is a US-based beverage company selling coffee, sodas, juices, and other soft drinks.

Business Challenges

- ✔ Transform & modernize the existing data platform through mindful migration and frictionless integration of data with the acquired company.
- ✔ Consolidate a variety of data types (POS, trade promotion, financial, demand management, master data) from multiple data sources (SAP BW, Azure SQLDB, Oracle Demantra, SAP ECC) onto a unified cloud data platform.
- ✔ Smoothly re-engineer the existing architecture to help facilitate both hot and cold business data entities into a unified orchestrated view.
- ✔ Enable self-service capability for business by implementing adequate data management and augmenting the reporting services for insightful analysis.

LTIMindtree Solution

- ✔ Smart lift & shift migration of existing on-premise SQLDB models by consolidating data from various sources and other external files to Snowflake-based cloud data platform.
- ✔ Redesigned and re-engineered data objects from SAP BW application having complex multi-level views to move it into Snowflake data platform.
- ✔ Data ingestion using Informatica Cloud and SnowSQL conserving business logic.
- ✔ Integration of both entities' master data with a global view enabling smooth transition to Snowflake, leveraging LTI's Canvas PolarSled platform, and a suite of tools to automate the workload and governance.

- ✔ Financial data consolidation from different source systems by integration of Cognos TM1 Data, leveraging the ELT approach for EPM reporting.
- ✔ Ensure data validation by exercising the spot and comparative testing to maintain business continuity on Snowflake.
- ✔ Built a semantic data layer on top of snowflake using Atscale to enable self-service capability for business teams.

Business Benefits

30 - 50%

reduction in IT spend by
providing better and
efficient data platform

2X

improvement in the overall
business reporting

**Faster
Transformation**

Enhanced computation
power leveraging the high
scalability of Snowflake,
helping both the
companies with a smooth
and successful merger

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