LTI
Let's Solve

A Larsen & Toubro Group Company

Case Study

Data Lake Modernization Using Snowflake:

German Energy Conglomerate Transforms Legacy Data Landscape

Client

Our client is the Energy division of a German Multinational Technology conglomerate, which has a portfolio that covers the whole spectrum of applications to design, finance, build, operate and maintain a modern smart grid and power distribution systems.

Challenges

- Assessing if Snowflake is the best-fit alternative to their existing Complex SAP HANA data lake.
- Evaluating if automation can be leveraged to accelerate migration, thereby eliminating risk of non-adherence of exit timelines enforced on curving-out of the parent group.
- Achieving near real-time SAP data insights.

LTI Solution

- Initiated pilot migration program for one of the most complex and business-critical applications.
- Created a detailed technical report to summarize the pain points, inventory analysis, migration strategy, platform gaps and interventions.
- Setup near real-time replication of SAP ECC data using HVR.
- Smart lift & shift migration of the existing SAP HANA tables, calculation views, stored procedures, and functions, by adopting an accelerated migration to Snowflake leveraging LTI Canvas PolarSled.

Business Benefits

- 100% data match between SAP HANA & Snowflake using SmartValidate validation framework.
- On-time completion of a 4-week, end-to-end migration of profit center accounting application with Snowflake platform setup.
- 70%+ automation in object migration from SAP HANA to Snowflake using LTI Canvas PolarSled.

Key Takeaway

Assessed the current technology landscape and understood the current technological limitations. Selected Snowflake as the ideal choice alternative to move Enterprise Data Lake on Snowflake Cloud as core data platform.

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