Case Study

Digital Analytics Solution for a US-based Insurance ISV

Client

Our client is a leading provider of cloud-based software and analytics for insurance carriers, brokers, and MGAs.

Challenges

The client wanted to:

▶ **Manage real-time messages from 3,000+ end customers.**

▶ **Develop a product-based on massive information generated from messages sent by end customers.**

▶ **Migrate the existing EDW on-prem ecosystem to Snowflake.**

▶ **Revamp the target EDW model to improve user experience and eliminate data redundancy.**

LTIMindtree Solution

▶ **Snowflake on AWS**
Migrated data from SQL Server EDW to Snowflake. Re-modeled the target architecture to reduce data duplication.

▶ **Dashboard and Reports**
Created Charts and dashboard for self-service analysis and MIS reporting.

▶ **User Management**
Defined users and roles for enhancing the security model.

▶ **Integrated Solution**
Automated end-to-end process including testing and revamping the processing strategy from message-based to batch-based ingestion.

Business Benefits

10TB+ data migration from on-premise EDW platform to Snowflake

~ 15% reduction in the data processing

~ 20% improvement in data availability for downstream consumption

Simplification of the target data model for seamless data integration

Implemented an end-to-end automated platform for improved user experience

Process time optimization of data ingested from multiple end customers using Snowflake, Open-Source tools for scheduling, and SSRS & Power BI