



Case Study

Digital Analytics Solution for US-based Insurance ISV

Client

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

Business 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 o SQL Server EDW to Snowflake. Re-modeled the target architecture to reduce data duplication.
- ▶ **Dashboard & Reports**
Created Charts & 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.

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