

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.

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 on-prem 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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