CASE STUDY
Snowflake - Modern Data Warehouse Implementation

Industry: Major American Low-cost Airline
Location: North America
Revenue: 7 Billion USD
Employees: 22,000+

Solutions:
- Snowflake
- dbt
- Microsoft Azure
- Fivetran

Services:
- BI Strategy & Roadmap
- BI Architecture & design
- Migration to Cloud platform
- Snowflake data warehouse
- dbt modeling and transformation

Highlights:
- Highly optimised near real-time delivery of business critical KPIs with SLA < 3 minutes
- Leveraged Snowflake on Azure Cloud to provide a robust, performance optimized and scalable solution.
- Increased data availability and query performance by 90%
- Migrated 14 TB from on premise databases to Snowflake.
- Implemented complex business logics and transformations using dbt
- GitHub for code version/maintenance, continuous integration & deployment, testing and to promote team collaboration.

Data Sources
- Messaging Server
- JSON Files

Data Processing
- Azure
- Blob Storage

Snowflake Tenant
- Snowflake

Reporting
- TIBCO Spotfire®

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