Case Study
Supply Chain Management

ENTERPRISE DATA MESH FOR A SUPPLY-CHAIN GIANT

Client Overview

- The client operates an extensive supply chain network of consumer goods globally
- Provides a Vendor Platform connecting 10,000 suppliers as partners, ensuring the best fit for any project in any capacity.

Client Challenges

- Independent Dashboards for each data source
- Heterogenous Source Systems
- Redundant Copies of Data
- Terabyte Scale Processing

Indium Solution

- Deployed an Azure based Data Mesh solution using Azure Databricks
- Server less, Schema less Data Mesh
- Dataset - One Source of Truth
- DevOps based deployment (CI/CD playbook)
- Global Enterprise Data Mart for all 200 Business
- Fourth generation Data Solution
- Decentralized data ownership model

Business Outcomes

25X

faster data processing

30%

reduction in TCO

Tech Stack

Azure Synapse Analytics

Azure Data Facto

Azure Data Lake Storage Gen2

Azure Databricks

dbt