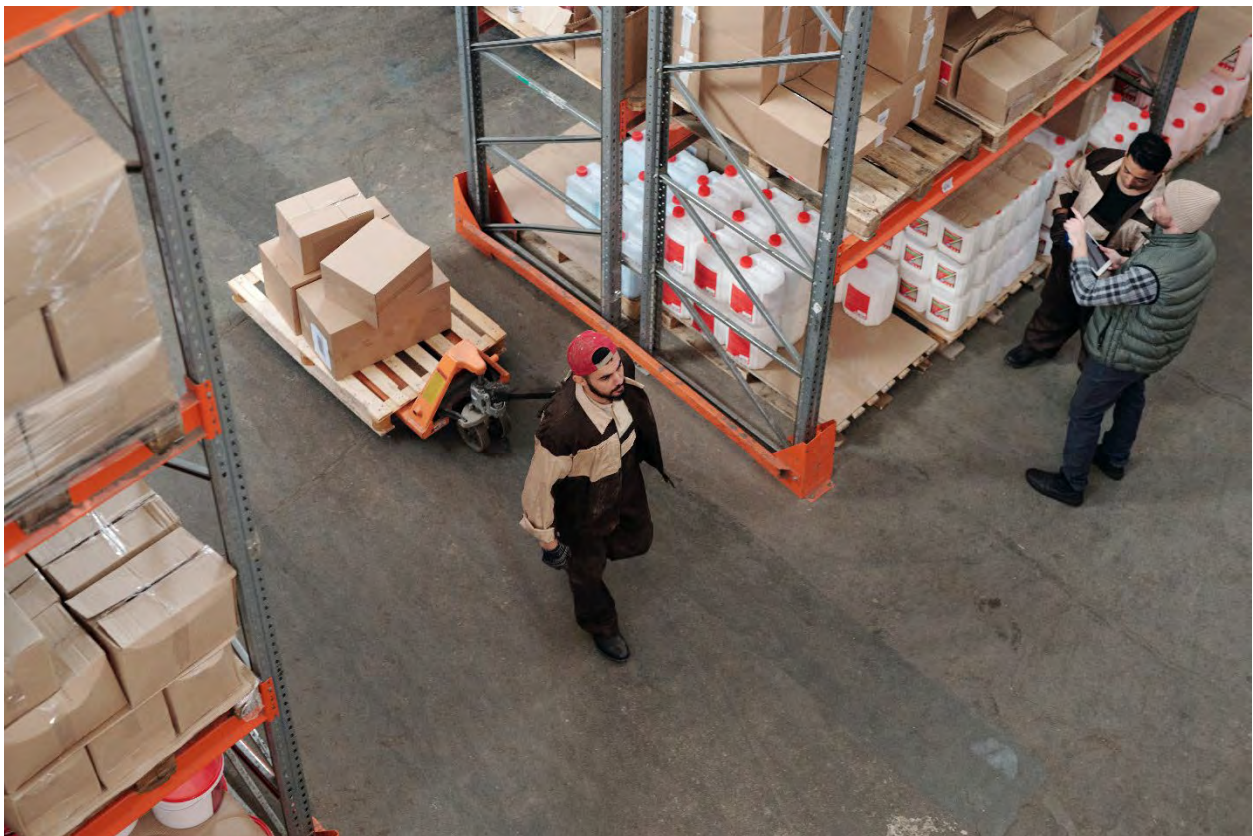**LTIMindtree**

Case Study

Data Transformation through Advanced Analytics for a Leading Packaging Solutions Manufacturer

Client

The client is an industry leader in materials science and manufacturing. They specialize in the manufacturing and designing of diverse functional and labelling materials. Their constant focus is on delivering sustainable, innovative, and intelligent solutions to global customers.

Business Challenges

- The client wanted to build self-serve analytics capabilities and consolidate master data across customer, supplier, and product.
- Delay in data availability led to setbacks in decision making, and raw material shortages.
- The cumbersome manual process to understand demand to supply flow caused delays in order fulfilment for key customers.
- To embark on a data transformation journey that is scalable and resilient data architecture.
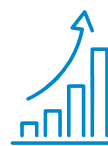
LTIMindtree Solution

- Build a robust MDM platform leveraging Oracle Customer Data Management, Supplier Data Management and Product Data Management domains consolidating data from **30+ legacy ERP systems** for providing a **360° view.**
- Developed **Enterprise Data Warehouse (EDW) solution** for client leveraging Oracle's **Autonomous Data Warehouse (ADW) capabilities, Golden Gate, Data Integrator (ODI) on Marketplace** and **Analytics Cloud** for providing advanced analytics capabilities.
- Developed **100+ dashboards** providing detailed KPI's across supply chain.
- **Leveraged Snowflake data sharing capabilities** to provide real-time visibility into order fulfilment for key customers, eliminating manual spreadsheets-based processes.
- Implemented automated data transformation using **Informatica Data Quality (IDQ)** to reduce data cleansing and **migration efforts by up to 60% and increase data accuracy.**

Business Benefits

80% reduction in turnaround with automated dataflow

10X increase in frequency and speed of insights from data with the improvised data model

50% improvement in operational efficiency due to automated data ingestion and dissemination

30% reduction in the overall project timelines.