

Supply Risk Monitor Architecture

INPUTS-Internal data source

SAP /TMS/WMS /Data Lake

- Master data
- Inventory levels
- In-transit shipment info
- Other Transactional data

Supply chain planning

- Demand Forecast
- MRP Schedule or MPS Schedule

Vendor Evaluation Scorecard

- Supplier Performance Score

SMI Database

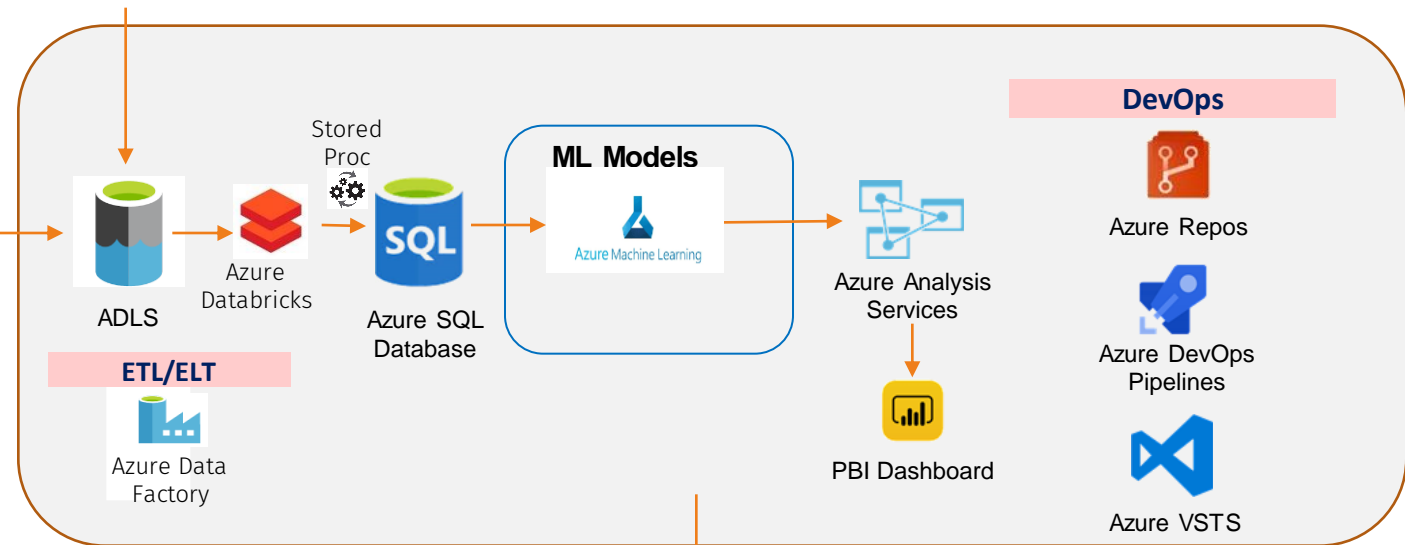
- Supplier quality score

Financial Risk Report

- Supplier financial risk score

External Data Sources

- Weather Reports
- News reports
- Govt. Websites
- Social Media
- Port Congestion
- Container Tracking



OUTPUTS

- Stockout Possibility Score (SPS) at an item location level for raw materials and finished goods
- Ability to aggregate total risk score up to business/brand level