Dynamic Fulfillment Architecture

Data Sources

Enterprise Sources
- SAP ECC
- SAP APO
- TMS
- WMS

External Sources
- Customer Platform

Orders

Ingest, Store and Process

Data Foundation

Azure Data Factory

Raw Data

Azure Data Factory

ADLS Gen 2

Transformed data

Azure Data Factory

Insights

Optimization Engine

iguazio

Azure Machine Learning

Optimizer Models

Model Results

Read

Write

Azure Kubernetes Service

Push Notifications

Power Apps Custom Actions (Alerts / Notifications)

SAP RFC / BAPI Calls

On-premise Gateway Connector for SAP

Create Approved Order in SAP ECC

Act & Integrate

Consume

Power Apps (Order Sourcing Recommendations & Actions)

Power Automate (Integrate Order Creation with SAP ECC)

Power BI (KPIs & Dashboards)

DevOps, CI / CD

Azure Repos

Azure DevOps Pipelines

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Tredence
Connect the Dots