InvSolv

Solution Overview:

Real-Time Inventory data interpretation A single source of truth that offers an accurate, real-time, granular and global view of Current Stock Position and Future Stock Availability.

Key Highlights:

- Global View of current Inventory position at any location, by state of the stock and by time.
- Demand Forecasting
- Future Stock Availability
- KAFKA base real time data streaming and integration
- Open and Extensible design with API first approach.
- ML Models for Anomaly detection and Forecasting.

Engagement Approach:

Discovery & Assessment → **Build & Deploy** → **Support**

Assess systems, data landscape, and integration to validate if we have the required data to proceed:
- System Topology and Capability
- Integration Assessment
- Data Structure Assessment
- Business Process Assessment

End to end deployment from collecting Data to Dashboard Standard KPI and basic data models are part of the solution.

Continued support to help monitor, stabilize and even add more use cases as required by customer.

Technology Stack:

- Kafka
- Azure Databricks
- Cassandra API for Cosmos DB
- Azure Data Factory
- Azure Machine Learning

Key Industries:

Retail Industry   Food & Beverage   E-commerce

Reusability of Use cases:

Cost-efficient solution targets to solve issues with demand volatility and inventory management challenges for retailers who have e-commerce and brick and mortar channels, and businesses with Plan, Buy, Move, and Sell motions.