

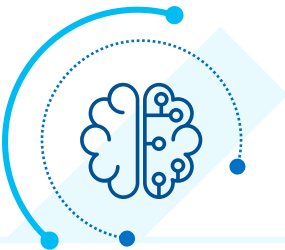
ADvantage SmartBuy

SmartBuy provides a unified view of Sourcing and Procurement with focus on application of AI / ML techniques on price forecasts, anomaly detection, spend optimization, savings recommendations and market intelligence. SmartBuy captures, organizes and consolidates data from disparate sources, for internal ERP data and external web data, to provide actionable insights.



Unified Insights Platform

- Data Platform on Azure to ingest, manage and curate data from varied sources
- Persona and Geo based Dashboards to deliver insights based on standard KPIs and ad-hoc analysis



AI / ML Use Cases

- Price Variance Detection, Clustering and Price Forecasts
- Sentiment analysis in news feeds; Topic modeling on Information repositories
- Event Correlation and Change Point Technique modeling



Alerts & Recommendations

- Best price recommendation
- Best Supplier recommendation
- Savings Opportunities
- Advisory Newsletters
- Auto generated Alerts & Triggers



Optional

- Robotic Process Automation of RFQ and P2P processes
- Chat Bots for information access

Tech Stack Azure Storage, Azure Machine Learning, Python, Azure Data Factory, Azure Kubernetes Service, Power BI, Azure Web App, Azure Cognitive Services.