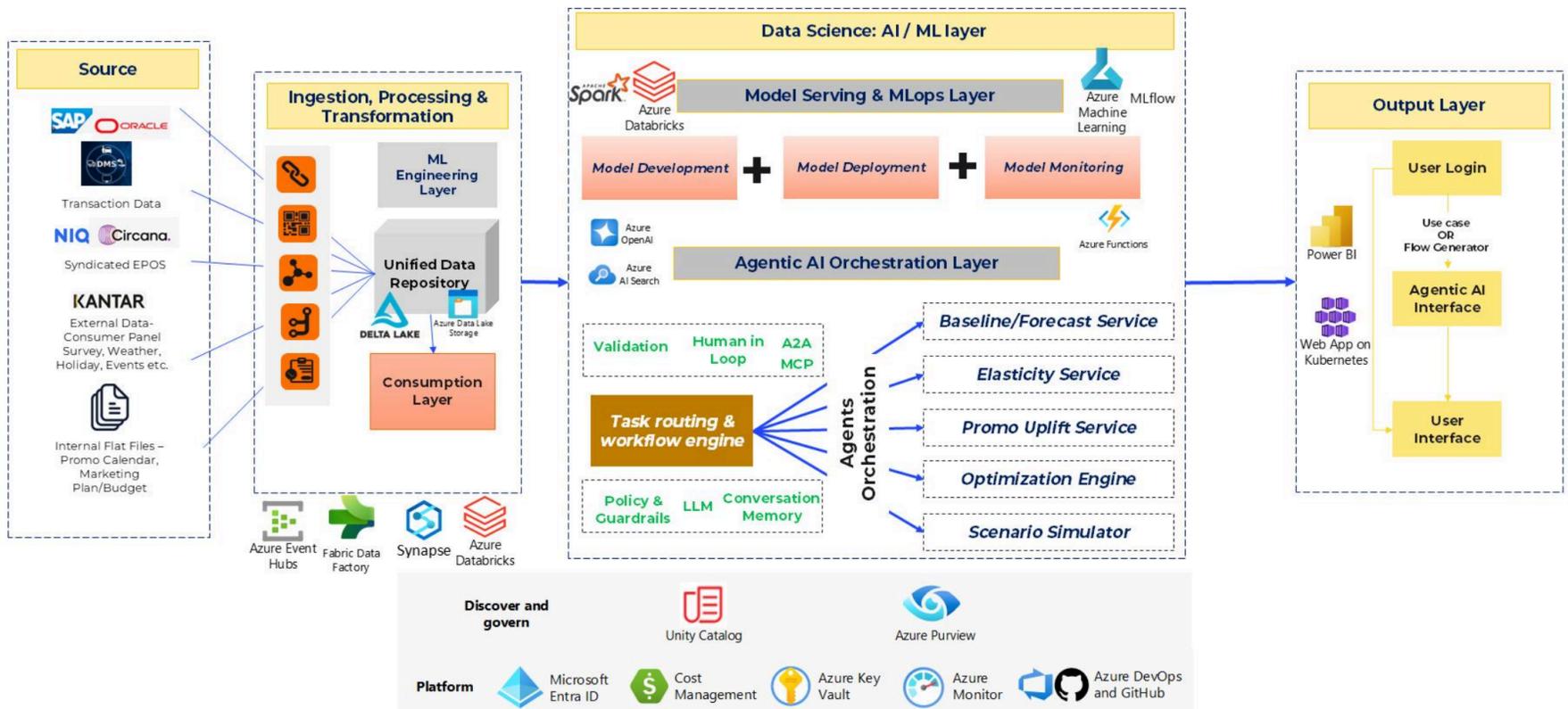# Built on Databricks for Scalable, Secure Agentic RGM

RGM Solution Architecture on Databricks

Profit Pulse is built on the Databricks Data Intelligence Platform and Lakehouse to unify RGM data, operationalize ML models, and orchestrate agentic decisioning—securely and at scale.

Databricks Components Across RGM Data Value Chain

Explore the Databricks technical stack behind ProfitPulse—covering storage, ingestion, transformation, AI/ML, orchestration, and visualization. This integrated Lakehouse ensures reliable, governed data and scalable AI-driven outcomes across the RGM value chain

- ✅ **Data Landing & Storage:** Delta Lake + Lakehouse (bronze/silver/gold layers)
- ✅ **Data Ingestion & Orchestration:** Autoloader, Delta Live Tables (DLT), Databricks Workflows
- ✅ **Data Quality & Transformation:** Delta Live Tables, Unity Catalog, Databricks SQL
- ✅ **Analytics & Visualization:** Databricks SQL, AI/BI Genie, dashboards (integrates with Power BI/Tableau)
- ✅ **Model Lifecycle & Serving**: MLflow, Mosaic AI Model Serving, Feature Store. PySpark
- ✅ **Agentic AI:** Mosaic AI Agent Framework, Vector Search, Foundation Models (e.g., DBRX), Agent Bricks
- ✅ **Governance & Security:** Unity Catalog, Lakehouse Federation, MLflow lineage, access controls
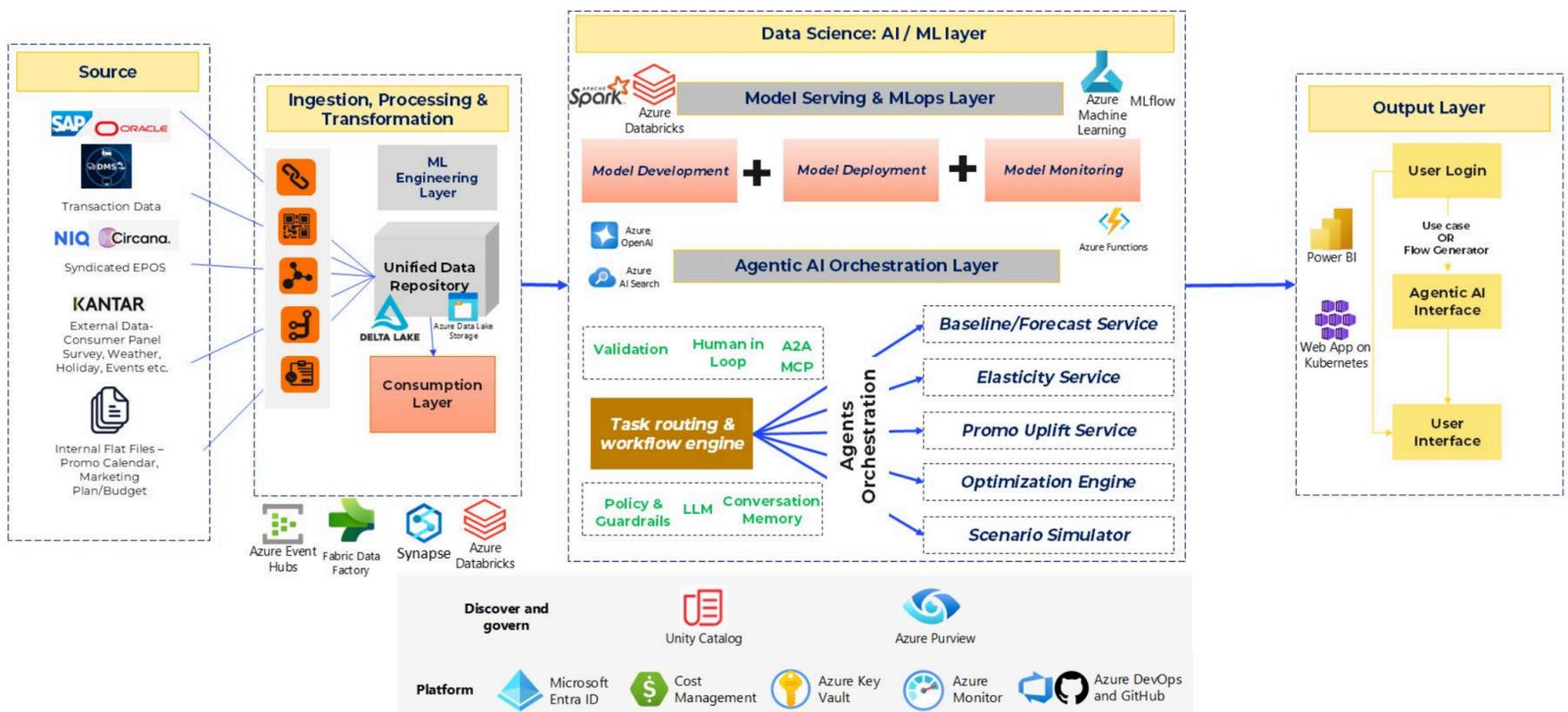
Why Polestar Analytics?

With forecasting and optimization models rooted in real-world success, and knowledge backed by deep industry expertise - Polestar Analytics is a leading data, analytics, AI, and planning service provider for Fortune 500 companies.

Mentioned in the
Market Guide for Revenue Growth Management Solutions for Consumer Goods

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Built on Microsoft for Scalable, Secure Agentic RGM

RGM Solution Architecture on Microsoft

Profit Pulse is built on Microsoft Fabric and Azure AI to unify RGM data, operationalize ML models, and orchestrate agentic decisioning—securely and at scale

Microsoft Components used across RGM data value chain

Explore the Microsoft Azure technical stack behind ProfitPulse—covering storage, ingestion, transformation, AI/ML, orchestration, and visualization. This integrated stack ensures reliable, governed data and scalable AI-driven outcomes across the RGM value chain

- ✓ **Data Landing & Storage:** Azure Storage + Delta Lake
- ✓ **Data Ingestion & Orchestration:** Fabric, ADF, Synapse
- ✓ **Data Quality & Transformation:** Fabric, ADF, Synapse, Databricks
- ✓ **Analytics & Visualization:** Power BI (dashboards, RLS/OLS, certified datasets)
- ✓ **Model Lifecycle & Serving:** Azure ML + Managed Online Endpoints
- ✓ **Agentic AI:** Azure OpenAI + Azure AI Search + Azure Functions
- ✓ **Governance & Security :** Cosmos DB, Azure AD, Unity Catalog, Purview, Azure Monitor, Defender

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