

Modern Artificial Intelligence Deployment

Accelerate value, minimize tech-debt

Think big, start small: Objectives

- Education and architecture guidance to validate alignment with business objectives
- QuickStart solutions for time to value, and engagement
- Incremental inclusion of datasets and curation/enrichment adds to the scope and value of **ML models** in the platform
- Aligned deployment of features/capabilities engages users and satisfies use cases while building towards target platform architecture
- Enable modern BI tools and AI through the rapid ingestion, modeling and delivery of governed data structures
- Monitor and measure the platform to ensure compliance needs and adoption targets



#1 Discover

Uncover value, align the team, build the business case, evaluate and de-risk technology with collaborative workshop to discuss strategy, planning, and QuickStart solutions to make it tangible and real.



#2 Create

Production-ready, cloud-first solutions on Azure, proving the value to business stakeholders through Use Case iterations that deploy platform features and data sources and types.



#3 Realize

The long-term, strategic value from the MAI program for the business, driving the business impact of new technology with implementation, support, and training.



Modern Artificial Intelligence Pillars



Modern AI Vision



Data Provisioning



Prepare & Build



Model Training



Lifecycle Management



Governance, Security, & Ethics

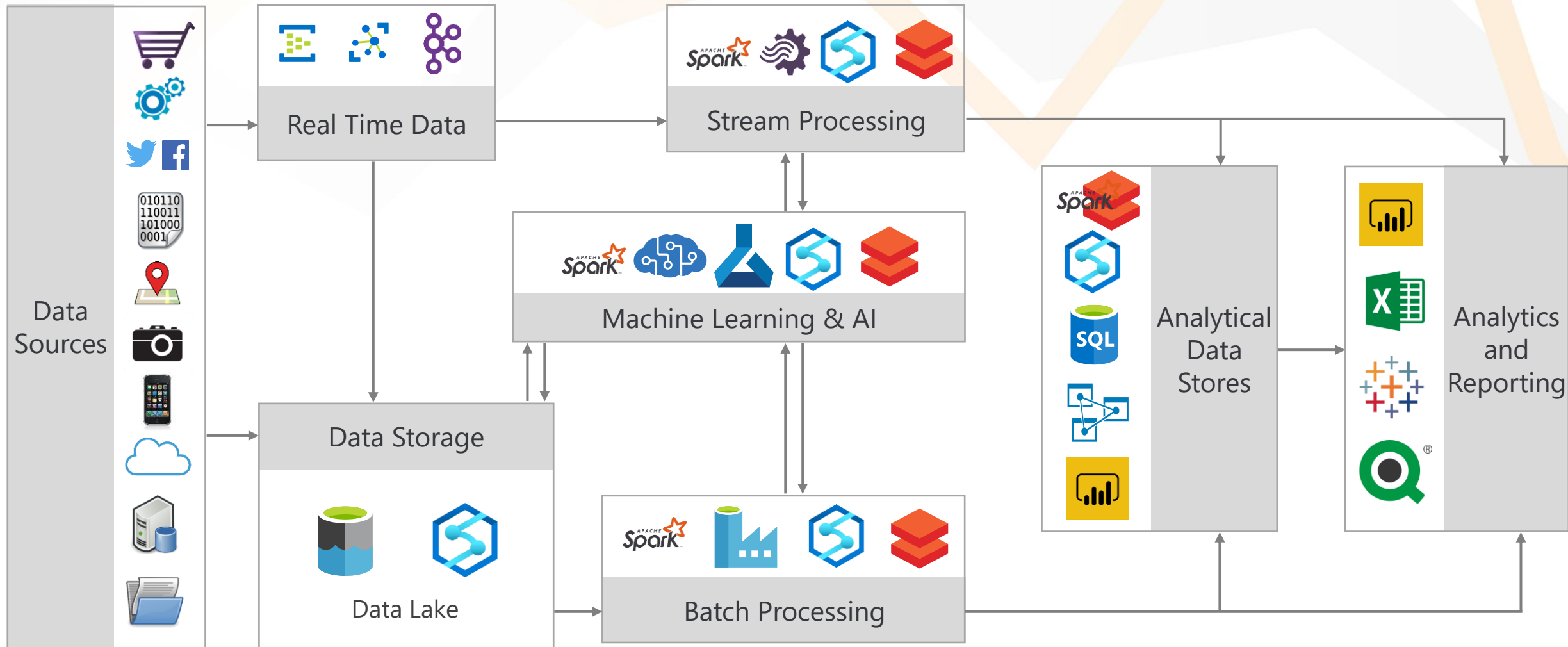


QuickStarts & Deployment



Pre-Built AI:
KM, Apps, & Agents

Modern Analytics Components in Azure







Orchestration | Governance | Data Catalog | Security | Data Quality | Master Data








The Azure Analytics 'menu'

PRIMARY TOOLS & SERVICES







DATA STORAGE

-  Azure SQLDB
-  Azure Synapse
-  Blob Storage
-  Data Lake Storage










COMPUTE*

-  Azure SQLDB
-  Azure Synapse
-  Azure Databricks
-  Azure Data Factory
-  Azure Stream Analytics
-  Azure Event Hub
-  Azure IoT Hub

MODEL & SERVE TOOLS

-  Power BI
-  Azure Analysis Services
-  Azure ML
-  Cognitive Services
-  Azure CosmosDB
-  ML Flow, Python, etc.

SUPPORTING TOOLS & SERVICES

-  Azure Data Catalog
-  Azure DevOps
-  Azure Key Vault
-  Azure Automation
-  Azure Functions
-  Azure Active Dir
-  Azure Monitor
-  Log Analytics
-  Azure VMs
- Azure V-Nets

*Focused on data engineering rather than data science