

Spyglass MTG Data & AI

Databricks Lakehouse & AI Offerings Journey

Databricks Offerings

Data Practice : Data Journey

Build an Initial Strategy

How to build your data strategy and pivot to become a data driven organization.

Define your plan

How to develop a plan for cloud-scale analytics.

Prepare analytics estate

Overview of data management and data landing zones with key design area considerations like enterprise enrollment, networking, identity and access management, policies, business continuity and disaster recovery.

Govern your analytics

Requirements to govern data, data catalog, lineage, master data management, data quality, data sharing agreements and metadata.

Secure your analytics estate

How to secure analytics estate with authentication and authorization, data privacy, and data access management.

Organize people and teams

How to organize effective operations, roles, teams, and team functions.

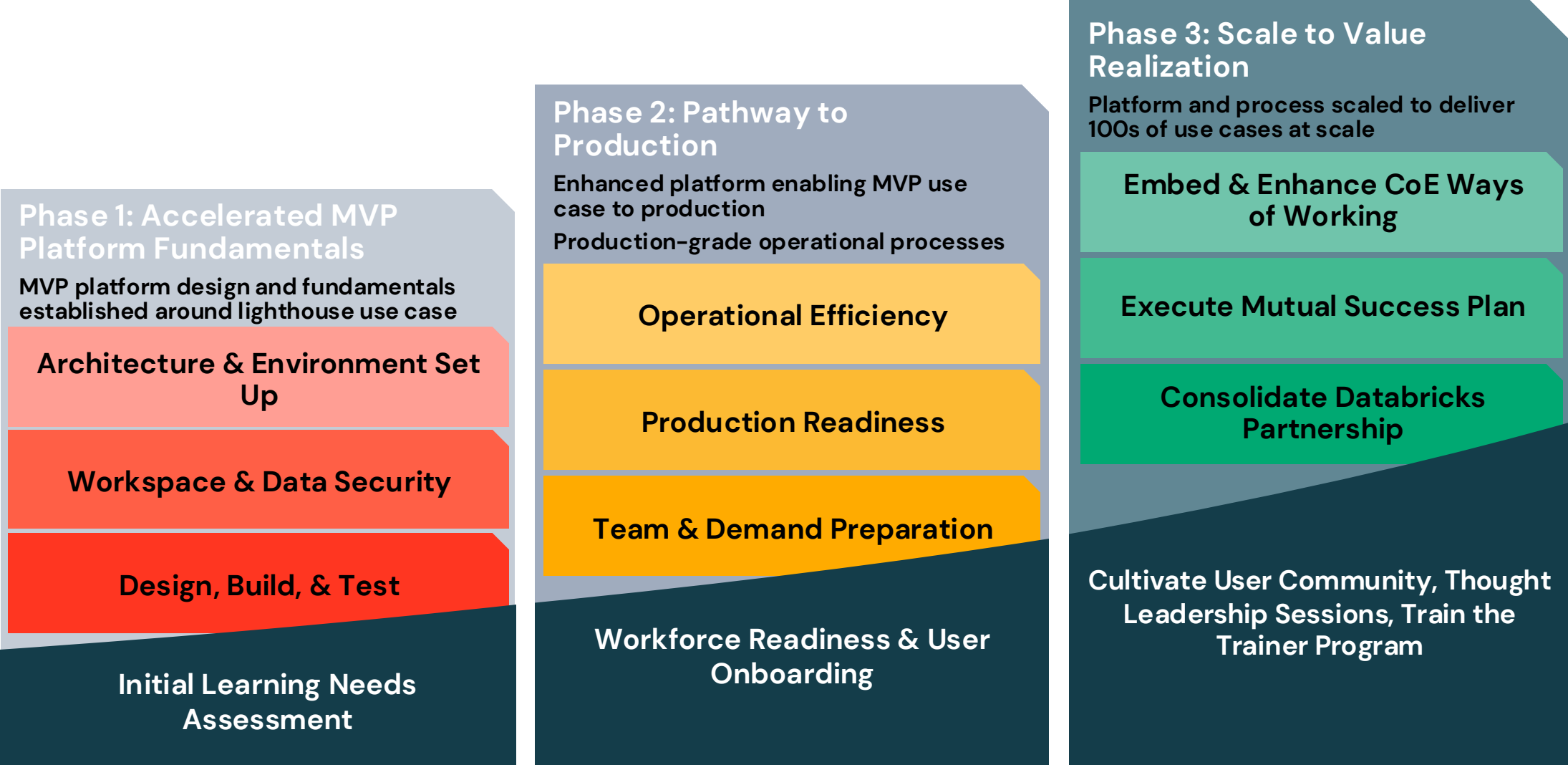
Manage your analytics estate

How to provision platform and observability for a scenario.



Spyglass Databricks Lakehouse Platform & AI Journey

Building a Transformative Platform & Center of Excellence



MVP Platform & Use Case Live

Time

Intelligent Platform in 45 Days - Accelerated MVP Platform Fundamentals (DBxIQi45 @ \$150k)

DBxIQi45 is designed to help you create a Data Science and AI solution in Azure Databricks quickly and efficiently in just 6-weeks. With prebuilt infrastructure deployment(IaC) modules for a secure Azure Databricks Intelligent Platform Deployment, deploying a governed enterprise data framework and new platform is quick and easy.

With dozens of templates provided on top of the IaC blueprint, **code bases, tool kits, design patterns, and other assets to leverage, your platform will be up and running before you know it.**

Approach:

- **Strategy & Plan:** Analytics and Design Workshops; Implement Databricks Data Science, AI & ML Landing Zone(s)
- **Accelerate:** Model the lighthouse use-case and data assets (decide how the data you need and create will be organized, accessed, and stored) and sketch out the AI and ML solution architecture
- **Innovate:** Execute on the end-to-end solution architecture vision for one AI/ML use-case. Get your solution into the hands of users, get feedback, and decide what to change or add.

Deliverables:

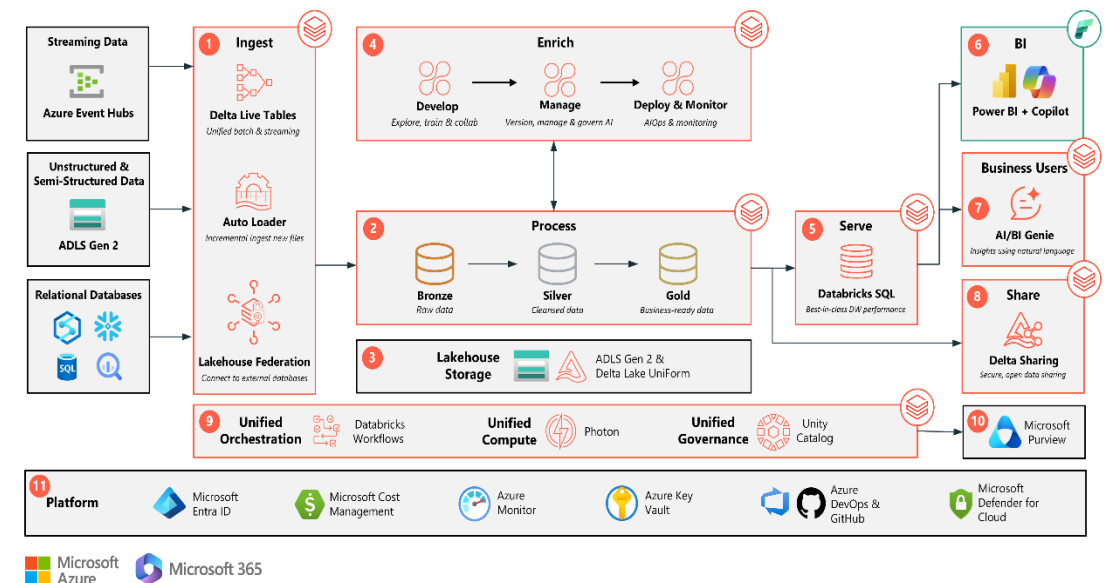
- Data Science, AI and ML Platform Deployment
- Source Code & Documentation
- Design and Deliver one AI/ML End-to-End pipeline

Timeline:

Weeks 1 & 2: Design and deliver data model, analytical solution, data product, or AI service to meet business needs, including defining key metrics and success criteria

Weeks 3 & 4: Utilize Databricks capabilities to automate generation and deployment of data processes and activities in a Unity enabled Azure Databricks environment with deliverables including code repositories and a fully functional data processing architecture

Weeks 5 & 6: Iterate, monitor and optimize the data product and service, providing education and documentation for management and maintenance, with deliverables including developer exercises, design pattern definitions, educational sessions, and deployment guides



Thank You

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