

# Lakehouse Platform in 45 Days – Accelerated MVP Platform Fundamentals (DBxi45)

## The Objective

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In today's fast-paced business environment, companies are grasping to gain value from robust AI solutions but are struggling to manage their data lifecycle from ingestion to reporting and analytics. Traditional data management systems often fall short in providing the agility and scalability required to keep up with the growing data demands. To overcome this challenge, organizations need a secure, modern production environment that can handle the entire data lifecycle efficiently and effectively.

## The Solution

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To accomplish the goal of unlocking the full value of Spyglass MTG's Databricks Lakehouse Platform DBXi45 delivers a streamlined 6-week implementation, swiftly establishing a secure, modern medallion Lakehouse platform in Azure. The approach integrates Azure Well-Architected principles and the Cloud Adoption Framework to ensure efficiency and scalability.

The solution includes dozens of prebuilt templates, an Infrastructure-as-Code (IaC) framework, code bases, toolkits, and other assets to ensure rapid deployment and integration.

## Key Benefits

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**In this workshop, the primary takeaways are:**

- **Complete Data Lifecycle Management:** From ingestion to reporting and analytics, the platform provides a comprehensive solution for managing the entire data lifecycle.
- **Rapid Deployment:** With prebuilt templates and a robust framework, the platform can be up and running quickly, reducing time to value.
- **Scalability and Performance:** The solution is designed to handle large volumes of data efficiently, ensuring high performance and reliability.
- **Educational Support:** Spyglass MTG provides training and documentation to ensure the client's team can effectively manage and extend the platform.



Infrastructure Azure  
Data & AI Azure  
Digital & App Innovation Azure  
Modern Work  
Security

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## Implementation Agenda

### Weeks 1 & 2: Design and Deliver

- Design the medallion data process model and initial Lakehouse data product.
- Define key metrics and success criteria to ensure the solution meets business needs.

### Weeks 3 & 4:

- Automate data ingestion and transformation activities in Azure Databricks via lakeflow connect and federation.
- Utilize code repositories and a medallion data processing framework to streamline operations.

### Weeks 5 & 6:

- Monitor and optimize the performance, reliability, and scalability of the data pipeline and service.
- Provide education and deliverables to ensure the client's team can maintain and extend the solution.



## Spyglass MTG Can Help!

For more information on how Spyglass MTG can help your organization, please [Contact us today!](#)



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