



PREMIUM PACKAGE MICROSOFT FABRIC AND DATABRICKS ACCELERATED 6-WEEK PROOF OF VALUE IMPLEMENTATION

MICROSOFT FABRIC COMPONENTS AT GLANCE

- + DATA FACTORY
- + ONE LAKEHOUSE
- + SYNAPSE DATA ENGINEERING
- + SYNAPSE DATA WAREHOUSE
- + POWER BI
- + AZURE DATABRICKS



Microsoft Fabric®

6-week Proof of Value by KPI Partners is an evaluation engagement that provides a Production Ready End-to-End Metadata-Driven Framework for Data Processing and Analytics Workflow's using Microsoft's Fabric and Databricks

This Proof of Value implementation can be expanded to your production environment

DELIVERABLES



6-week POV is conducted by highly qualified team of Microsoft Fabric and Azure Databricks Experts



POV implementation and a unified data platform that supports data engineering and business intelligence and Copilot features



A scalable and flexible architecture that leverages the power of OneLake, Data Engineering Experience, Databricks, Power BI, Fabric Copilot and more



Architecture and Associated Costs Design: Design of scalable Microsoft Fabric architecture based on your data needs, with the associated costs detailed, ensuring alignment with future growth.



Tech Talk – Introduction to KQL, Data Science and Real-Time Analytics components in Fabric

Week 1-2

DISCOVERY AND PLANNING

- + Understand your success criteria, requirements and outcome of POV
- + Current State Architecture Data Engineering Architecture Review
- + Define the scope - 2 Data sources; Recreate existing 2 high volume Customer Data Engineering mapping Production ready
- + Metadata Driven Framework for end-to-end pipelines
- + Set Fabric Workspace, creating OneLake, Synapse Data Engineering, Data Science and Data Warehouse workspaces
- + Setup Data Sources connectivity, Meta Driven Framework set-up Initiatives
- + Databricks Integration with OneLake and Notebooks development initiative for Data Ingestion to Bronze Layer

Week 3-4

POV IMPLEMENTATION

- + Data Engineering – Set Up Data Ingestion Pipelines – Bronze to Silver and Gold Layers
- + Data Streaming – Spark Streaming use case set-up.
- + Power BI Reporting development Initiatives

Week 5-6

FINAL READOUT, TRAINING, AND REVIEW

- + Test End-to-End Data ingestion across medallion architecture using Data Factory orchestrating Databricks Notebooks
- + Test End-to-End Full and Incremental Load, Streaming Use Case
- + Test Power BI Reports and Copilot Enablement and Use Case
- + Review the implementation documentation against the original scope
- + Demo and Final walk through for post implementation monitoring and adjustments
- + Comprehensive tech talk about Fabric Administration, Data Science, Security and Governance, Co-Pilot

MICROSOFT FABRIC POV IMPLEMENTATION ARCHITECTURE

