

Microsoft Fabric - 4 Week MVP

Build a Scalable, Future-Proof Unified Data Analytics Capability on **Microsoft Fabric** for your LOB/business function.



Modern data analytics environments are complex and fragmented, driving runaway costs and exploring the never-ending quest for scalability. On top of that, various technology stacks in the Data Analytics & AI Value chain address specific capabilities but create interoperability challenges in an enterprise setup.

Microsoft retires Power BI Premium per capacity SKU

Microsoft is transitioning Power BI Premium capacity to Microsoft Fabric, retiring the Power BI Premium per capacity SKUs (P-SKUs).

Customers are advised to switch to a Microsoft Fabric SKU upon their next renewal.

While the core capabilities of Power BI Premium remain unchanged, this shift unlocks new possibilities for customers.

With Microsoft Fabric, you gain access to a unified platform that seamlessly integrates data, analytics, and AI, offering unified experiences. Embrace this upgrade to harness the full potential of Microsoft Fabric's comprehensive features.

Microsoft Fabric MVP Solution

At WinWire, we understand the complexities involved in modernizing data landscapes. That's why we created our 4-week MVP solution to introduce you to Microsoft Fabric and start your data analytics modernization journey.

Our approach helps you build a scalable, cost-efficient, and future-proof ecosystem on Microsoft Fabric, driving business value through insights and data democratization.

By following best practices, we enable the Fabric service for you and develop a robust, auto-scalable, and secure Data Lakehouse (OneLake) architectural construct.

Our MVP then focuses on delivering rapid analytics for a small workload without the complexity of infrastructure management, so you can focus on what matters—turning insights into business outcomes.

Scope:

Enable Microsoft Fabric & Copilots: Set up Microsoft Fabric on the client's Azure tenant and create a workspace. Enable Copilots for Power BI and Data Factory experiences.

Future Roadmap: Develop a roadmap for expanding Microsoft Fabric usage across the organization & for new use cases.

Define Architecture: Establish the Medallion Lakehouse Architecture for effective data delivery on Fabric.

Migrate Historical Data: Move historical data into Fabric OneLake to support advanced analytics.

Identify Key Datasets: Identify two source datasets for rapid ingestion into Fabric, preparing your data for immediate analysis.

Enable Business Intelligence Experience on Power BI: Develop & test one Power BI semantic model & create two dashboards/reports on OneLake for real-time insights.

Select Business Visuals: Choose two relevant visuals or dashboards tailored to business needs.

Enable Data Engineering & Integration experience: Build & test Data Factory jobs for sourcing, processing & loading data into Fabric OneLake (Bronze, Silver & Gold layers). Leverage WinWire's AIDQ (Automated Ingestion and Data Quality) accelerator

Our Approach



Assessment – Week 1

- **Finalize MVP Scope:** Define data and dashboard requirements with client stakeholders.
- **Set Insights Expectations:** Discuss expected insights & impact from the MVP.
- **Data Identification:** Identify relevant data sources to feed into Microsoft Fabric.
- **Set Up Workspace:** Set up the Microsoft Fabric workspace for required data services, including ADLS Gen2 storage.
- **Data Access Validation:** Validate access to the SFTP server for source data (data landing zone) to ensure smooth data flow.



Build and Test – Week 2 & 3

- **Define Architecture:** Collaborate to define the Medallion Lakehouse Architecture, ensuring data is logically organized for scalability.
- **Ingestion Pipelines:** Design and build ingestion pipelines from source data to Fabric Lakehouse (OneLake) using WinWire's AIDQ Accelerator.
- **Data Processing:** Develop data processing pipelines to load data into each Lakehouse layer.
- **Power BI Modeling:** Build a semantic model in Power BI to create actionable insights.
- **Create Visualizations:** Design and develop visualizations in Power BI tailored to your business needs.
- **One-Time Data Migration:** Perform a one-time data migration into OneLake for the identified reports and dashboards.



Roadmap – Week 4

- **Solution Demonstration:** Showcase the data analytics solution on Microsoft Fabric to client stakeholders.
- **Feedback and Collaboration:** Gather feedback from stakeholders to refine the solution and ensure it meets business needs.
- **Business Value Showcase:** Collaborate to highlight the business value achieved through the solution.
- **Broader Roadmap Discussion:** Discuss the broader roadmap and explore future use cases, then prioritize items for implementation.

Business Value



Reducing Complexity

Leverage an all-in-one platform to simplify data management, freeing your teams from the complexities of maintaining multiple systems.



Driving Faster Insights

With integrated analytics and Generative AI, data can be rapidly turned into actionable insights.



Future-Proofing Your Data Investments

Establish a scalable data architecture that grows with your organization & adapts to future needs.

Ready to Transform?

Contact us today to accelerate your journey & unlock future-ready insights with Microsoft Fabric.

For more information, visit us at www.winwire.com

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