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Fabric Fast-Track Pilot for Intelligent Analytics

Experience unified analytics and Copilot-powered insights with Microsoft Fabric

Executive Summary

Organizations running analytics on fragmented platforms—whether Tableau, Cloudera, AWS Redshift, Snowflake, or on-premises data warehouses—often struggle with:

- Data silos across multiple tools.
- High cost of maintaining overlapping platforms.
- Slow time-to-insight for business users.
- Limited AI adoption in analytics workflows.

The Fabric Fast-Track Pilot for Intelligent Analytics offers a low-risk, high-impact introduction to Microsoft Fabric. It is designed to help enterprises explore the value of Fabric as a unified, AI-enabled analytics platform through a limited-scope implementation.

Complex Analytics Stack

Fabric Pilot Environment

Pilot Scope

Lightweight Assessment (optional)

Rapid discovery of current analytics pain points and a suitable pilot dataset/ workload.

Fabric Landing Zone (Pilot Scale)

Deployment of a secure, governed workspace and OneLake foundation.

Pilot Data Pipeline & Model

Ingest a representative dataset (structured or unstructured) and build semantic model(s).

Fabric Copilot Enablement

Demonstrate Copilot for querying, report generation, and AI-assisted exploration.

Pilot Dashboard & Report

Deliver 1–2 business dashboards or analytics scenarios to showcase value.

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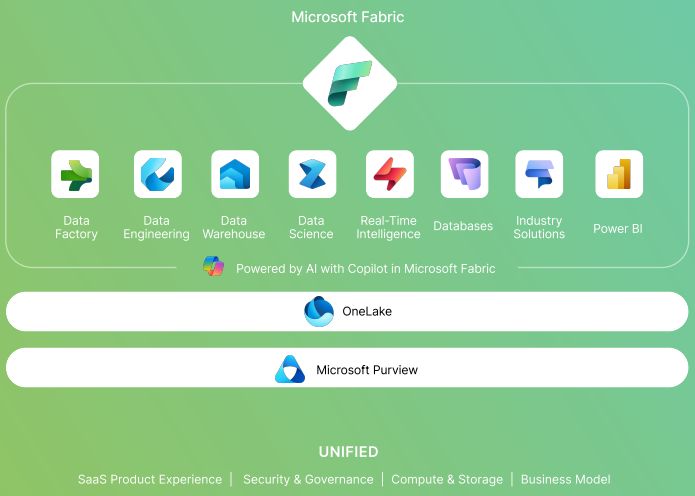
Fabric Technology Stack

Pilot Implementation

This stack is deployed in a contained pilot so organizations can experience Fabric's end-to-end capabilities without replacing their existing platforms upfront.



OneLake
A single, open data lake as the foundation.

Data Factory
Orchestrate and ingest pilot datasets.

Data Engineering
Use Spark notebooks for transformation.

Data Warehouse
Store structured and semi-structured data.

Power BI (native in Fabric)
Build pilot dashboards and reports.

Copilot for Fabric
Natural-language queries, AI-assisted pipeline/report creation.

Expected Business Outcomes from the Pilot

Faster time-to-insight demonstrated with pilot datasets and AI-enabled reporting.

Proof of lower TCO by consolidating multiple analytics functions in Fabric.

Hands-on Copilot experience for business and data teams.

Foundation for future modernization—pilot results inform broader adoption roadmap.