



Microsoft Fabric

Unified data analytics platform for the era of AI

What is Fabric?

Fabric is Microsoft's new cross-cloud data platform offering that unifies data, AI, and analytics. Designed from the ground up with OpenAI and Copilot integrations, it enables enterprises to simplify their journey across the data, AI, and generative AI continuum.

The key benefits enterprises will derive from building or converting their data platform to Fabric are:

Data estate unification under an open and lake-centric hub to connect and curate all data-sources be them on Azure, on-premise or other cloud and data platforms.

Integrated ML/AI model management that reduces time to value by building those on a single, flexible, and robust foundation without the need for data movement.

User empowerment through direct integration into Microsoft familiar apps such as Excel and Teams

Data governance and protection with Fabric's built-in security, governance, and compliance capabilities.

What products Fabric integrates?

Fabric combines multiple products into one comprehensive solution. It's built to provide each role, in the data to insights to actions chain, with the personalized tools to improve their efficiency and abilities to generate real-time insights.

Fabric OneLake is a unified data lake that organizes, manages, and governs all your data mesh, regardless of its format. Through shortcuts it avoid duplication, movement, or ownership change with data sources such as Azure Databricks, Amazon Web Services, and more. All the other Fabric components (see below) build on OneLake robust, flexible, and open data estate.



Power BI

Find insights, track progress, make decisions using rich visualizations.



Synapse Data Science

Explore your data and build ML models to infuse predictive insights into your apps.



Synapse Data Warehouse

Scale up your insights by storing analyzing data in a secure, open-data-format SQL warehouse with top performance at PB scale.



Data Factory

Solve the most complex data integration scenarios with cloud-scale data movement and data transformation services.



Data Activator

Take actions automatically when conditions are detected in your data



Synapse Real-Time Analytics

Explore your data and build ML models to infuse predictive insights into your apps.



Synapse Data Engineering

Create a lake-house and use Apache Spark to transform and prepare data to share with the business



OneLake

Unite all your data and users in one data lake while defining domains that help organize, manage, and govern your data mesh.

Why Fabric?



Data unification

Multi-cloud support, open APIs, and Open data formats with OneLake.



Increased collaboration

Realizes domain centered data-as-a-product and metadata-as-a-product journey for a seamless data and AI enterprise fabric for connected insights.



Accelerated innovation

Democratizes data, AI, and visualization capabilities through no, low, and high code options accelerating experimentations and data-to-decisions journeys.



Cost optimization

Simplifies and optimizes costs for businesses with pay-as-you-use function without getting into the data integration processes.



Improved agility

Provides flexibility to adapt to changing business needs thereby boosting organizations' competitive advantage.



Data Impact measurement

Automates data lineage and governance allowing businesses to monitor usage, measure outcomes and ensure compliance through observability and transparency.

Getting started on Fabric with Fractal

Fractal has developed several offers to adapt to your unique data and ML/AI journey needs.



Educational workshop (approx. 4 hours)

During this workshop, Fractal will educate your team on Fabric core capabilities, where it fits in your existing or planned technology stack. Based on your team's Fabric maturity, we may also start to ideate on new possibilities for data and AI use cases with Fabric.



Pilot use case (approx. 4 weeks)

During this engagement, we will help your team choose the most appropriate use case, based on a proven data maturity mapping and use case prioritization methodology, for a quick-to-value pilot use case. We will then deliver this initial use case to internally showcase Fabric business value to your business stakeholders.



Data strategy and business value roadmap engagement (1-3+ months)

During this engagement, Fractal will work with your business and IT teams to build a multi-year roadmap. Using this roadmap, we will then develop and deploy the initial project(s) as prioritized by the business owners.

Why Fractal?

A data, ML, and AI specialist for over 20 years, Fractal is a recognized Microsoft Solution Partner with the expertise to support you throughout your data and AI transformation journey.

Depending on your use case or situation, your Fabric project conducted through Fractal might be eligible for Microsoft funding.

