

Power BI + Microsoft Fabric: Better together for smarter business insights

On its own, Power BI is a powerful tool for analyzing data and sharing insights across your organization. Microsoft Fabric builds on that foundation, unifying data and leveraging AI-powered insights to help users work faster, make smarter decisions, and produce deeper, more reliable analytics.



What is Power BI?

Power BI turns data from multiple sources into immersive, interactive visualizations that drive actionable insights. Power BI is a core component of Microsoft Fabric.



What is Microsoft Fabric?

Microsoft Fabric is a secure, unified data intelligence platform that supports end-to-end data workflows with data ingestion, real-time stream processing, reporting, and analytics.

How Microsoft Fabric enhances Power BI

	 Power BI	 Microsoft Fabric
Purpose	Business analytics and data visualization	End-to-end intelligent data analytics solution
Core capabilities	→ Turn raw data into interactive dashboards and reports Transform complex datasets into dynamic dashboards and detailed reports that provide a clear, actionable view of your business → Visualize data Bring your data to life with rich, customizable visuals that make trends and patterns easy to understand → Share insights Collaborate seamlessly by sharing reports and dashboards across teams, ensuring everyone has access to the same insights → Make data-driven decisions Empower confident decision-making with advanced analytics and AI-driven insights that guide strategic actions	→ Role-specific workloads Tailored tools for data engineers, data scientists, business analysts, and database administrators → One place for all your business data All Fabric tools can access central data storage through OneLake, eliminating the need to copy data between services → Integrated Copilot support An AI assistant that helps write code, generate insights, automate reporting and handle repetitive tasks → Built-in integration with Microsoft 365 Connect Fabric data to Excel, Teams, and other Microsoft 365 applications → Unified data management and governance Fabric provides centralized data discovery, access control, and governance capabilities to help manage data access, sharing, and compliance across workloads → Microsoft Foundry integration Connect clean, governed Fabric data with Foundry to power accurate, intelligent AI solutions
Governance and security	Strong security and governance for BI reports, datasets, and more	Expands security with advanced platform-wide, enterprise-grade security and governance designed to keep data compliant and protected, powered by a deeper Microsoft Purview integration and OneLake
AI capabilities	AI features designed to make analysis easier for the user: → Limited AI capabilities designed to make report creation easier for users	Copilot capabilities to automate reporting with built-in insights: → Create with conversation. Use natural language prompts to explore data, create visuals, and launch full reports → Automate data ingestion, transformation, and cleansing to speed up projects → Get insights, build visuals, and automate analytics without manual effort → Use generative AI to design Power BI reports, create data pipelines, and write SQL—no technical expertise needed

The value of Fabric

Fabric provides the data platform that helps equip your business to scale data management securely as you grow, incorporate AI capabilities that save you time and investment, and accelerate decision-making with deeper insights. Power BI is the visualization powerhouse that can be accessed within Fabric.

20x

Businesses saw **20x** improvement in operational efficiency.¹

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Accomplish more with the same resources

6-8 hours

Companies eliminated **6-8 hours** for data management tasks like data reconciliation.²

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Reclaim time from tedious data tasks

52%

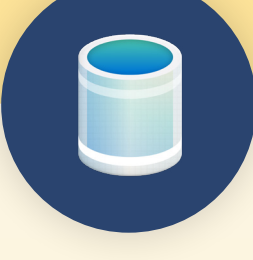
There was **52%** in reduced costs linked to the adoption of a unified data solution.³

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Cut costs as your business grows

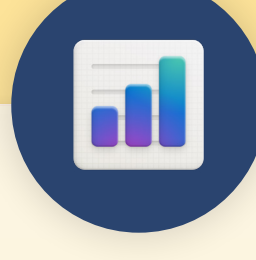
Fabric in action

How does Fabric work? Consider a store with both a brick-and-mortar storefront and an online shop. How does Fabric help them grow in both areas?



Centralize data

Fabric consolidates data from cross-sales, inventory, POS systems, and online stores.



Real-time insights

Power BI and Real-Time intelligence can track live purchase trends, engagement, loyalty, and more.



Automated reporting

Fabric generates daily reports on sales trends, customer activities, and inventory levels. Employees can use the shared workspace to align on sales priorities and promotions.



AI-powered decision making

Predictive analytics help plan ahead by using real-time data to coordinate restocking, staffing for peak hours, and seasonal offerings.

Next steps

Businesses that expect to grow need to use their data to its fullest potential. With Microsoft Fabric, they can do so across all their data sources.

Take a closer look at how Power BI and Microsoft Fabric work together in the e-book.

[Read more](#) →

Learn more about Microsoft Fabric and start a 60-day free trial.

[Get started](#) →

Find a trusted Microsoft partner to help you accelerate Fabric implementation and achieve the best possible results.

[Find a partner](#) →



¹Carne's data & analytics solution CAMDA gets a boost from Microsoft Fabric
²Health nonprofit ARcare expands care in rural communities with Microsoft Fabric
³Searl Exim Solutions delivers data at lightning speed with Microsoft Fabric Real-Time Analytics

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