







# Modernizing Data & AI with Microsoft Fabric

## Six key workloads for end-to-end analytics

-  Data Factory
-  Data Engineering
-  Data Warehouse
-  Data Science
-  Real-time Intelligence
-  Power BI

Today's organizations are data-rich — but insight-poor.

Disconnected tools, legacy BI platforms, and siloed data slow down decisions and innovation. Synoptek, in partnership with Microsoft, helps you unlock real-time, AI-enabled intelligence with Microsoft Fabric — a unified analytics platform that transforms how data is managed, modeled, and monetized.

## The Microsoft Fabric Advantage

- **Unified Platform:** Brings together data integration, engineering, warehousing, real-time analytics, and BI into a single user experience.
- **Built for AI & Automation:** Fabric enables rapid deployment of copilots, machine learning models, and intelligent apps.
- **Cloud-Native & Scalable:** Designed for performance, governance, and cost efficiency — whether you're modernizing one domain or the enterprise.

## Synoptek's Approach

We go beyond migration. Our value lies in how we **align data modernization to your strategic priorities**:

- |    |   |
|----|---|
| 01 | Use-case-driven roadmap and value modeling                      |
| 02 | Real-time alerting, automation, and cross-platform integrations |
| 03 | Fabric-native engineering accelerators for faster delivery      |



# Microsoft Fabric: Adoption Roadmap

## Envision

Align Strategy - Identify high-value use cases, build value maps, and assess current architecture



## Accelerate

Build Foundation - Deploy Fabric tenant, set up pipelines, create semantic models



## Operationalize

Deliver Value - Automate reporting, integrate BI into workflows, enable self-service



## Evolve

Scale and Govern - Add AI/ML, embed copilots, build Fabric COE, optimize cost and governance

## Quick Wins with Fabric – Real-World Examples

- **Global Manufacturer (Industrial IoT)**

Real-time sensor integration, SAP connectivity, and AI-enabled dashboards → reduced downtime and faster anomaly detection.

- **Materials Supplier (CRM & BI Modernization)**

Replaced legacy BI stack, automated reporting, and enabled insight-driven sales execution.

## Why Fabric + Synoptek?

- Microsoft-certified experts with deep domain knowledge
- Integrated delivery pods spanning data, apps, and AI
- Accelerators and frameworks purpose-built for Fabric rollout
- Trusted by global clients across manufacturing and distribution, healthcare, higher education, transportation and logistics, and other industry domains

From exploration to execution, we guide you through every phase of your data and AI evolution — with confidence, clarity, and measurable impact.

## Kickstart with a Microsoft Fabric Assessment

Not sure where to begin?

Our tailored assessment helps you evaluate readiness, identify high-impact use cases, and build a roadmap aligned with your strategic goals.

- Current data estate evaluation
- Use-case discovery and prioritization
- Architecture recommendations
- Executive summary and value mapping

Outcomes in 2 weeks — clear next steps, no guesswork.