

Microsoft Fabric Readiness: 4-Week Assessment

Like any other platform adoption or migration, you must have an organizational understanding before moving to Microsoft Fabric. Without it, your team may face performance issues and governance gaps due to an incomplete adoption.

At Aegis Softtech, our Microsoft Fabric Readiness Assessment is a structured, 4-week engagement designed to co-evaluate your current data ecosystem, identify gaps, and define a clear roadmap for adoption.

Check out our assessment methodology:

Week 1: Discovery & Current State Evaluation

Objective: Understand your existing data ecosystem and business priorities.

Plan of Action:

- Conduct stakeholder workshops with business, IT, and analytics teams
- Inventory all data sources, pipelines, warehouses, and BI/reporting tools
- Assess current governance, compliance, and security frameworks
- Identify pain points, operational bottlenecks, and high-priority use cases

Outcome:

A clear map of your current data estate, workflows, and challenges — forming the baseline for Fabric adoption.

Week 2: Gap Analysis & Compatibility Assessment

Objective: Identify readiness gaps and evaluate alignment with Microsoft Fabric.

Plan of Action:

- Analyze existing workloads for Fabric migration suitability (Lakehouse, Warehouse, DirectLake, AI integration)
- Assess DevOps maturity, CI/CD readiness, and governance practices
- Evaluate cost efficiency, performance bottlenecks, and team skillsets
- Identify risks and areas requiring remediation prior to adoption

Outcome:

A detailed analysis of gaps and alignment opportunities — highlighting where Fabric can deliver value and where remediation is needed.

Week 3: Pilot Workload Identification & Architecture Blueprint

Objective: Define early wins and draft target architecture for Fabric.

Plan of Action:

- Select pilot workloads for proof-of-concept deployments
- Design target architecture for data ingestion, storage, transformation, and semantic modeling
- Plan integrations with Purview, Azure ML, Event Hubs, and existing analytics tools
- Assess AI & Copilot readiness for business and technical teams

Outcome:

A clear blueprint for early Fabric adoption, demonstrating value while minimizing risk and complexity.

Week 4: Adoption Roadmap & Business Case

Objective: Provide a phased rollout plan with executive-ready recommendations.

Plan of Action:

- Develop a roadmap for phased adoption, scaling from MVP to enterprise-wide deployment
- Recommend governance, security, and compliance policies for ongoing operations
- Provide ROI and TCO projections tailored to the client's environment
- Conduct executive alignment sessions to validate recommendations

Outcome:

A **Fabric Readiness Roadmap** and business case that enable informed decisions, smooth adoption, and optimized outcomes.