

Microsoft Fabric

6 Weeks Implementation

From Silos to Synergy

UBTI Brings Every Data Source
Together in Microsoft Fabric



Detailed Description



Unify, Modernize, and Activate Your Data with Microsoft Fabric.

In a world where data lives across on-premises systems, multiple clouds, and countless applications, organizations struggle to gain a single, trusted view of their business. UBTI helps enterprises overcome these challenges with Microsoft Fabric — a unified, AI-powered data platform that smoothly integrates data engineering, real-time analytics, business intelligence, and AI/ML into one connected ecosystem.

Our team of Microsoft Certified Fabric Experts builds scalable, secure, and AI-ready environments that unify every dataset (structured or unstructured) into a single source of truth. As a Microsoft Fabric Featured Partner and Real-Time Intelligence Featured Partner, UBTI's implementations accelerate insights, strengthen governance, reduce license complexity and cost.



Implementation Framework



Phase 1: Discovery & Strategy



Assess data estate and align with business goals.



Identify data sources: SQL, APIs, data lakes, SaaS, files.



Define governance, compliance, and security requirements.



Create a Solution Blueprint aligned with objectives.

Implementation Framework

Phase 1
Discovery & Strategy

Phase 2
Architecture &
Foundation

Phase 3
Implementation &
Integration

Phase 4
Advanced Analytics,
AI & Real-time Insights

Phase 5
Governance, Security,
and Go-Live

Phase 2: Architecture & Foundation



Design domain-based OneLake workspaces for unified data.



Set up Lakehouse, Data Warehouse, and Real-Time Intelligence.



Configure Microsoft Purview for cataloguing and compliance.



Define naming conventions, metadata models, and access controls.

Implementation Framework

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Phase 3: Implementation & Integration



Build pipelines using
Data Factory,
Dataflows Gen2, and
PySpark.



Migrate & Unify data
from on-prem, Azure,
AWS, and third-party
sources.



Create semantic
models and enable
Power BI self-service.



Expedite pipeline
delivery using
metadata-driven
automation.

Implementation Framework



Phase 4: Advanced Analytics, AI & Real-time Insights



Enable AI/ML with Azure ML, Copilot, and Data Science tools.



Implement Data Activator for real-time dashboard alerts and anomaly detection.



Build predictive models and embed Generative AI in business workflows.



Enable decision-makers with streaming insights and intelligent automation.

Implementation Framework

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Integration

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Advanced Analytics,
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Phase 5
Governance, Security,
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Phase 5: Governance, Security, and Go-Live



Validate performance, scalability, and readiness.



Implement governance and security.



Track data lineage, usage, and audit logs.



Use Microsoft Purview for catalog and governance.



Deliver complete documentation, training, and support assets.



Set up a Center of Excellence (CoE) for long-term Fabric adoption.

Key Deliverables



Discovery & Strategy

- Readiness and migration assessment report
- Target Fabric architecture and roadmap
- Data source inventory and governance outline



Architecture Design & Foundation Setup

- Fabric reference architecture document
- Workspace setup and security configuration
- Purview integration and metadata documentation



Implementation & Integration

- Fabric environment with data pipelines
- Bronze-Silver-Gold data layers
- Unified semantic model and Power BI dashboards

Key Deliverables - cont.



- AI/ML-ready Fabric environment
- Predictive and real-time dashboards
- Copilot enablement and automation setup

- Governance and Security Framework (RLS, CLS, Masking, Lineage)
- Purview Integration and Compliance Checklist
- CoE Playbook and Operational Runbook
- Knowledge Transfer and Training Sessions

Optional Add-On: Microsoft Fabric Managed Services

Key Services Include:

- Environment health monitoring and alerts
- Capacity and cost optimization
- Security and compliance audits
- Monthly governance reviews
- Continuous best-practice enhancements



“ *UBTI offers continuous monitoring, governance, and optimization for Fabric environments, ensuring peak performance and cost efficiency.*

Key Business Outcomes:

- Unified analytics foundation connecting all data sources
- Simplified architecture and reduced complexity
- AI/ML and Copilot readiness for intelligent insights
- Real-time decision-making with Power BI dashboards
- End-to-end data governance and compliance
- Best ROI, Cost optimization, and enterprise scalability



Why UBTI?



Microsoft Fabric Featured Partner



Microsoft Real-Time Intelligence
Featured Partner



Microsoft Certified Fabric Experts



Proven experience in **Fabric migration, modernization, and AI solutions**



Expertise across Microsoft Fabric — **OneLake, Data Warehouse, Data Factory, PySpark, Power BI, and AI/ML**



End-to-end CoE and Managed Services for sustained adoption and governance

Implement Microsoft Fabric for your organization **with UBTI today.**

Let our experts help you connect every dataset, modernize your analytics ecosystem, and unlock AI-powered insights — transforming your organization's data from silos to synergy.