

PROFESSIONAL COURSE OUTLINE

VNode ITeS

Microsoft Fabric: End-to-End Analytics

Program aligned

Microsoft Fabric consolidates data engineering, data science, real-time analytics, and BI into a single platform. This program walks teams through the complete Fabric architecture with labs in every session, from workspace provisioning through a live Power BI report on a Fabric semantic model.

Data

Intermediate

PROGRAM CODE

Program aligned

DELIVERY

Virtual or On-site

DURATION

3 days

CERTIFICATION

Available on request

AUDIENCE PROFILE

Who This Program Is For

Data engineers, BI developers, and analytics architects adopting Microsoft Fabric

PROGRAM SUMMARY

What This Course Covers

Learn the full Microsoft Fabric architecture: Lakehouse, Warehouse, Data Factory, and Power BI, with hands-on labs throughout.

TAILORED DELIVERY

Adapt the program around your team.

This outline can be adapted for virtual, on-site, or hybrid delivery, with emphasis adjusted for your team's platform priorities, role mix, and implementation goals.

Enterprise-ready delivery format

VNode ITeS can align labs, examples, delivery pace, and assessment checkpoints to the required audience profile while preserving the official program sequence where applicable.

COMPLETE MODULE SEQUENCE

Module Flow and Topic Coverage

The structure below presents the current delivery flow for this program, including the associated topics covered under each module.



Plan the next session

We can tune this outline around your delivery goals and team mix.

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MODULE 1

Microsoft Fabric Architecture

Understand the unified Fabric platform components, provision workspaces, and configure integration between Lakehouse, Warehouse, and BI workloads.

- Understand the unified Fabric platform components
- provision workspaces
- and configure integration between Lakehouse
- and BI workloads

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MODULE 2

Fabric Lakehouse and OneLake

Design and manage lakehouses, configure OneLake storage, and apply Delta Lake table formats for analytics-ready data.

- manage lakehouses
- configure OneLake storage
- and apply Delta Lake table formats for analytics-ready data

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MODULE 3

Data Factory Pipelines

Build ingestion and transformation pipelines within Microsoft Fabric Data Factory for batch and incremental data delivery.

- Build ingestion
- transformation pipelines within Microsoft Fabric Data Factory for batch
- incremental data delivery

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MODULE 4

Real-Time Analytics with KQL

Query and analyze streaming and event data using KQL in Fabric Real-Time Intelligence for operational and near-real-time reporting.

- analyze streaming
- event data using KQL in Fabric Real-Time Intelligence for operational
- near-real-time reporting

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MODULE 5

Power BI Semantic Models

Build and consume Power BI reports backed by Fabric semantic models, applying best practices for business reporting and self-service analytics.

- consume Power BI reports backed by Fabric semantic models
- applying best practices for business reporting
- self-service analytics

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