

MICROSOFT OFFICIAL CURRICULUM

Microsoft

Fabric Data Engineer Associate

DP-700

As a candidate for this exam, you should have subject matter expertise with data loading patterns, data architectures, and orchestration processes.

Data

Intermediate

Fabric

DURATION

4 days

LEVEL

Intermediate

FORMAT

Virtual, On-site, or Hybrid

CERTIFICATION

Microsoft Certified: Fabric Data Engineer Associate

AUDIENCE PROFILE

Built for these roles

This audience for this course is data professionals with experience in data extraction, transformation, and loading. DP-700 is designed for professionals who need to create and deploy data engineering solutions using Microsoft Fabric for enterprise-scale data analytics. Learners should also have experience at manipulating and transforming data with one of the following programming languages: Structured Query Language (SQL), PySpark, or Kusto Query Language (KQL).

OVERVIEW

Executive overview

This course covers methods and practices to implement data engineering solutions by using Microsoft Fabric. Students will learn how to design and develop effective data loading patterns, data architectures, and orchestration processes. Objectives for this course include ingesting and transforming data and securing, managing, and monitoring data engineering solutions. This course is designed for data professionals with some data integration and orchestration experience.

PROGRAM OUTCOMES

Capabilities your teams will gain

- Implement and manage an analytics solution
- Ingest and transform data
- Monitor and optimize an analytics solution

ENTERPRISE CUSTOMIZATION

Enterprise customization

Tailor this program to your organization's priorities: Builds current Microsoft credential readiness for Fabric Data Engineer Associate using the official Microsoft Learn skill outline.

Customization options

- Align labs to your Microsoft tenant and workload scenarios
- Add readiness checks and exam preparation reviews
- Extend delivery with role-specific implementation workshops

TRAINING PROVIDER


VNode ITeS


MICROSOFT CERTIFIED TRAINER

vnodeites.com

[linkedin.com/company/vnodeites](https://www.linkedin.com/company/vnodeites)

TALK TO US

 info@vnodeites.com

 +91 9419 11 4792

 WhatsApp · +91 9419 11 4792

 +91 7780 81 1685

OFFICE

DLF Cyber City, Gurugram

Haryana — India

Azure · AI · Data · Power Platform

CURRICULUM

Curriculum roadmap

1

MODULE 1

Ingest data with Microsoft Fabric

Learn to ingest and process data in Microsoft Fabric using Dataflows Gen2, pipelines, Apache Spark, and KQL databases.

- Ingest Data with Dataflows Gen2 in Microsoft Fabric
- Orchestrate processes and data movement with Microsoft Fabric
- Use Apache Spark in Microsoft Fabric
- Work with real-time data in an Eventhouse in Microsoft Fabric

2

MODULE 2

Implement a Lakehouse with Microsoft Fabric

Implement a Lakehouse with Microsoft Fabric

- Introduction to end-to-end analytics using Microsoft Fabric
- Get started with lakehouses in Microsoft Fabric
- Use Apache Spark in Microsoft Fabric
- Work with Delta Lake tables in Microsoft Fabric
- Ingest Data with Dataflows Gen2 in Microsoft Fabric
- Orchestrate processes and data movement with Microsoft Fabric
- Organize a Fabric lakehouse using medallion architecture design

3

MODULE 3

Implement Real-Time Intelligence with Microsoft Fabric

Ingest, transform, and analyze streaming data with Real-Time Intelligence in Microsoft Fabric.

- Get started with Real-Time Intelligence in Microsoft Fabric
- Use Eventstream in Microsoft Fabric
- Work with real-time data in an Eventhouse in Microsoft Fabric
- Create Real-Time Dashboards with Microsoft Fabric
- Use Activator in Microsoft Fabric

4

MODULE 4

Implement a data warehouse with Microsoft Fabric

Explore the data warehousing process and learn how to load, monitor, secure, and query a warehouse in Microsoft Fabric.

- Introduction to end-to-end analytics using Microsoft Fabric
- Get started with data warehouses in Microsoft Fabric
- Load data into a Microsoft Fabric data warehouse
- Query a data warehouse in Microsoft Fabric
- Get started with Copilot in Microsoft Fabric for Data Warehouse
- Monitor a Microsoft Fabric data warehouse
- Secure a Microsoft Fabric data warehouse

TALK TO US

OFFICE

5

MODULE 5

Manage a Microsoft Fabric environment

Learn how to manage a Microsoft Fabric environment through CI/CD, monitoring, security, and administration.

- Implement continuous integration and continuous delivery (CI/CD) in Microsoft Fabric
- Monitor activities in Microsoft Fabric
- Secure data access in Microsoft Fabric
- Administer a Microsoft Fabric environment

PRIVATE DELIVERY

Plan a private cohort for your team





Scope delivery format, role mix, and rollout timeline with our solutions team.

Plan Private Delivery

Book advisory call

vnodeites.com

TALK TO US

-  info@vnodeites.com
-  +91 9419 11 4792
-  WhatsApp · +91 9419 11 4792
-  +91 7780 81 1685

OFFICE

DLF Cyber City, Gurugram
Haryana — India
Azure · AI · Data · Power Platform