



MICROSOFT TRAINING

Microsoft Fabric Online Course

Master Microsoft Fabric for comprehensive data analytics. Build end-to-end data solutions and transform your career.

DURATION

2 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

-
- Globally Recognized Certification
 - Expert-Led Hands-On Training
 - Flexible Scheduling

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COURSE OVERVIEW

Dive into the revolutionary world of Microsoft Fabric with Computer Pride's intermediate-level online course. Microsoft Fabric unifies data engineering, data warehousing, data science, real-time analytics, and business intelligence into a single, comprehensive SaaS platform, empowering organizations to manage their entire data estate with unprecedented efficiency. This course will introduce you to the core components of Fabric, including Data Factory, Synapse Analytics, Power BI, and the foundational OneLake, demonstrating how they seamlessly integrate to provide an end-to-end analytics solution.

Upon completion, you will possess a fundamental understanding of how to ingest, transform, store, and analyze data within the Fabric ecosystem. You'll gain practical insights into leveraging its capabilities for data integration, building lakehouses, and creating interactive reports, positioning you as a valuable asset in data-driven environments. This specialized training is designed to equip data professionals with the skills needed to harness Microsoft's latest innovation for unified data analytics, streamlining workflows and accelerating insights.

Duration	2 hours
Level	Intermediate
Vendor	Microsoft

COURSE CURRICULUM

01 Module 1: Understanding Microsoft Fabric & OneLake

- What is Microsoft Fabric? Unified Analytics Platform overview
- Key Components: Data Factory, Synapse, Power BI, Data Activator, OneLake
- Introducing OneLake: The single, unified data store concept
- Fabric Workspaces and Item Types: Lakehouse, Data Warehouse, KQL Database

02 Module 2: Data Ingestion and Transformation Essentials

- Overview of Data Factory in Fabric: Pipelines and Dataflows Gen2
- Connecting to various data sources within Fabric
- Designing and executing simple data ingestion pipelines
- Introduction to basic data transformation using Dataflows Gen2

03 Module 3: Building a Lakehouse and Basic Analytics

- Understanding the Lakehouse architecture in Microsoft Fabric
- Creating and populating a Fabric Lakehouse with ingested data
- Introduction to the SQL Analytics Endpoint for Lakehouses
- Performing basic SQL queries and analysis on Lakehouse data

04 Module 4: Power BI Integration & Reporting Fundamentals

- Connecting Power BI to Fabric Data (Lakehouse and Data Warehouse)
- Creating a foundational Power BI report from Fabric datasets
- Introduction to Direct Lake mode for optimized Power BI performance
- Sharing and collaborating on Fabric-powered Power BI reports

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Microsoft Fabric Data Analyst**
- > **Power BI & Fabric BI Developer**
- > **Cloud Data Engineer (Microsoft Azure Ecosystem)**

FREQUENTLY ASKED QUESTIONS

Q: What foundational knowledge or tools should I be familiar with before taking this Microsoft Fabric Online Course?

While this course is intermediate, a basic understanding of data warehousing concepts, SQL fundamentals, and familiarity with cloud computing (preferably Azure basics) will be beneficial. Prior exposure to Power BI or Azure Data Factory is a plus but not strictly required, as core concepts will be introduced within the Fabric context.

Q: How will the skills learned in this course help me integrate different data analytics tools within my organization?

This course specifically focuses on Microsoft Fabric's unified platform, which inherently integrates various data analytics workloads – from ingestion and processing to warehousing and reporting – into a single Software-as-a-Service offering. You'll learn how to leverage Fabric to streamline your data pipelines, consolidate diverse data sources, and manage your entire analytics workflow from one cohesive interface, significantly reducing tool fragmentation and improving operational efficiency.

Q: Will this 2-hour course prepare me for any specific Microsoft Fabric certification or more advanced studies?

This 2-hour online course provides a robust foundational and intermediate understanding of Microsoft Fabric's core capabilities, laying excellent groundwork for engaging with more advanced topics. While it serves as an excellent stepping stone and its content is relevant to broader Microsoft Azure Data Engineer or Data Analyst certifications that will incorporate Fabric, it is not designed as a direct exam preparation course. It is an ideal prerequisite for Computer Pride's upcoming advanced Fabric workshops and further self-study in specific Fabric domains.

ABOUT COMPUTER PRIDE



East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

Years of Excellence

10,000+

Professionals Trained

50+

Vendor Certifications

READY TO ENROL?

Take the next step in your technology career.

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