

Work smarter with Copilot in Microsoft Fabric

Courses Code: DP-3029

Duration: 1 Day

Delivery Mode: Instructor-led Training (ILT) | Virtual Instructor led Training (VILT)

Overview

This course explores how to work smarter with Copilot in Microsoft Fabric. Learn how to integrate, transform, store data, and create insightful reports using Copilot in Microsoft Fabric.

Skills Covered

- Explain Copilot's architecture, governance model, and tenant/capacity configuration in Microsoft Fabric.
- Monitor and optimize consumption using token-based costing, budgets, and guardrails.
- Streamline integration, engineering, warehousing, BI, real-time intelligence, and SQL with AI-assisted experiences.
- Use Copilot prompts to ingest, transform, orchestrate, and document dataflows, pipelines, and Spark code.
- Generate, refine, explain, and fix T-SQL with AI chat, inline completions, and best-practice prompting.
- Accelerate Power BI development of semantic models and reports; query data using natural language.
- Design, configure, and govern Fabric data agents for secure conversational access to OneLake data.
- Plan a scalable, cost-effective Copilot rollout with operational and governance best practices.

Who Should Attend

This course is for data analysts and data engineers who are familiar with basic data concepts and terminology. Learners taking this course should already have a basic understanding of Microsoft Fabric and Power BI.

Prerequisites

Familiarity with basic data concepts and terminology, including data engineering, modeling, and analysis.



Course Modules

1. Introduction to Copilot in Microsoft Fabric

Accelerate analytics with Copilot in Microsoft Fabric—learn how AI-assisted experiences streamline integration, engineering, warehousing, BI, real-time intelligence, SQL, and data agents to turn data into insights.

2. Get started with Copilot in Microsoft Fabric for data engineering

Accelerate data engineering in Fabric with Copilot—apply AI prompts to ingest, transform, orchestrate, and explain dataflows, pipelines, and Spark code.

3. Get started with Copilot in Microsoft Fabric for Data Warehouse

Accelerate warehouse analytics with Copilot in Fabric—use AI chat, inline completions, and quick actions to generate, refine, explain, and fix T-SQL while applying best-practice prompting.

4. Get started with Copilot in Power BI

Copilot in Power BI increases productivity when developing semantic models and reports using Power BI. Copilot also allows you to interact with your data using natural language to gain insights.

5. Implement Microsoft Fabric Data Agents (chat with your data)

Enable secure conversational access to enterprise data with Fabric data agents—design, configure, govern, and integrate AI-powered Q&A experiences across OneLake sources.

6. Manage Copilot in Microsoft Fabric

This module covers the fundamentals of Copilot in Microsoft Fabric, including its architecture and governance model, configuration of tenant and capacity settings, monitoring of consumption with token-based costing, and strategies for scalable, cost-effective rollout.

Ref: <https://trainocate.com/courses/microsoft/dp-3029-work-smarter-with-copilot-in-microsoft-fabric-training>

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