DP-3029 Work smarter with Copilot in Microsoft Fabric

Category: AI, Data & Analytics | **Vendor:** Microsoft Technical

Duration: 8.00 hours (1 days) **6.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format:	Instructor Led - Online
Certification:	Microsoft Applied Skills: Work smarter with Copilot in Microsoft Fabric
Related Exam:	DP-3029

Course 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.

About This Course

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.

Who Should Attend

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

Prerequisites & Entry Requirements

General Prerequisites:

You should be familiar with basic data concepts and terminology, including data engineering, modeling, and analysis.

Learning Outcomes

Upon successful completion of this course, participants will be able to:

Course Objectives: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., Course Objectives: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., Course Objectives: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.

Detailed Course Outline

1 - Introduction to Copilot in Microsoft Fabric

- Understand Copilot for Microsoft Fabric Data Factory
- Understand Copilot for Data Engineering and Data Science
- Understand Copilot for Data Warehouse
- Understand Copilot in Power BI
- Understand Copilot for Real-Time Intelligence
- Understand Copilot for SQL Database Workload
- Understand Microsoft Fabric data agents
- Module assessment

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

- Use Copilot with Microsoft Fabric Dataflow Gen2
- Use Copilot with Microsoft Fabric data pipelines
- Use Copilot in Microsoft Fabric notebooks
- Module assessment

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

- Use Copilot code completion in Microsoft Fabric's Data Warehouse
- Use Copilot chat in Microsoft Fabric's Data Warehouse
- Use Copilot quick actions in Microsoft Fabric's Data Warehouse
- Review best practices using Copilot in Microsoft Fabric's Data Warehouse
- Module assessment

4 - Get started with Copilot in Power BI

- Use Copilot in Power BI to prepare and model data
- Create reports with Copilot in Power BI
- Get your data ready for AI usage in Power BI
- Module assessment

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

- Understand Microsoft Fabric data agent capabilities
- Implement an end-to-end Microsoft Fabric data agent
- Integrate Microsoft Fabric data agents with Azure AI Foundry
- Use Microsoft Fabric data agents within Power BI
- Module assessment

6 - Manage Copilot in Microsoft Fabric

- How Copilot in Microsoft Fabric works
- Enable Copilot in Microsoft Fabric
- Understand Copilot in Microsoft Fabric consumption
- Scale Copilot in Microsoft Fabric
- Module assessment

, Work smarter with Copilot in Microsoft Fabric

□□ Certification Path

Microsoft Applied Skills: Work smarter with Copilot in Microsoft Fabric

Exam: DP-3029

Frequently Asked Questions

Q: What delivery options are available for DP-3029 Work smarter with Copilot in Microsoft Fabric?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: What certification does this course prepare me for?

The DP-3029 Work smarter with Copilot in Microsoft Fabric course helps prepare you for the Microsoft Applied Skills: Work smarter with Copilot in Microsoft Fabric certification path.

Q: Which exam does this course prepare me for?

This course prepares you for the DP-3029 official exam. You can take this exam at any exam center across United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online wherever you are located.

Q: How many CPD hours does this course provide?

The 1-day DP-3029 Work smarter with Copilot in Microsoft Fabric course provides up to 6.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the DP-3029 Work smarter with Copilot in Microsoft Fabric training?

The training takes place over 1 day(s), with each day lasting approximately 8.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for DP-3029 Work smarter with Copilot in Microsoft Fabric?

Yes, we provide corporate training, dedicated training, and closed classes for DP-3029 Work smarter with Copilot in Microsoft Fabric. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: DP-3029: Work smarter with Copilot in Microsoft Fabric, Microsoft, vILT, DP-3029

Q: Why choose Nexus Human for DP-3029 Work smarter with Copilot in Microsoft Fabric?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your DP-3029 Work smarter with Copilot in Microsoft Fabric training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

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