

**Power BI Data Analytics using Copilot and DAX Query View**

**Course Number:** PBI-132WA
**Duration:** 1 day

**Overview**

This Power BI Copilot course teaches participants to leverage Copilot and DAX Query View in Power BI for data analysis and reporting. Through hands-on exercises and real-world use cases, participants learn how to enable Copilot, update data models, create reports, write prompts, enhance narratives, and optimize Q&A using Copilot and DAX Query View.

**Prerequisites**

Participants should have a foundational knowledge of Power BI Desktop and Power BI Service, as well as a basic understanding of DAX for creating calculated columns and measures.

**Materials**

All students receive comprehensive courseware covering all topics in the course.

**Software Needed on Each Student PC**

Attendees will not need to install any software on their computers for this class. The class will be conducted in a remote environment that Accelebrate will provide; students will only need a local computer with a web browser and a stable Internet connection. Any recent version of Microsoft Edge, Mozilla Firefox, or Google Chrome will work well.

**Objectives**

* Understand the role and benefits of Copilot in Power BI for enhancing data analysis.
* Enable and optimize Copilot in Power BI Desktop, including troubleshooting.
* Update data models to ensure compatibility with Copilot and optimize performance.
* Leverage Copilot to create insightful reports in the Power BI Service and enhance collaboration.
* Enhance storytelling and data interpretation with effective prompts and narratives in Copilot-enabled reports.
* Improve Q&A capabilities and query optimization using Copilot's assistance in Power BI.

**Outline**

* Introduction to Copilot for Power BI
	+ Understanding Copilot
	+ Understanding the role of Copilot in Power BI
	+ Overview of Copilot's capabilities and benefits
	+ Use cases showcasing the power of Copilot
	+ Exploring Copilot's integration with other Power BI features
	+ Discussion on Copilot's impact on data analysis efficiency and accuracy
* Enabling Copilot in Power BI
	+ Configuration settings and options for Copilot integration
	+ Troubleshooting common issues and challenges during Copilot activation
	+ Best practices for optimizing Copilot performance in Power BI
	+ Exploring DAX Query View and Copilot options
* Updating a Data Model to Work with Copilot
	+ Best practices for preparing data models for Copilot integration
	+ Data model optimization techniques for Copilot compatibility
	+ Practical examples and demonstrations of updating a data model for Copilot
	+ Incorporating Copilot considerations into data modeling workflows
* Creating Reports in Power BI Service with Copilot
	+ Leveraging Copilot to create insightful reports in Power BI Service
	+ Utilizing Copilot-powered insights to enhance report visualizations
	+ Collaborative report creation and sharing using Copilot in Power BI Service
* Writing Prompts and Narratives for Copilot
	+ Writing effective prompts for Copilot report pages
	+ Creating narrative visuals and summaries using Copilot
	+ Enhancing storytelling and data interpretation through Copilot-driven narratives
	+ Incorporating user feedback and iterative improvements into Copilot narratives
* Enhancing Q&A with Copilot
	+ Introduction to enhancing Q&A capabilities with Copilot
	+ Utilizing Copilot to improve question understanding and response accuracy
	+ Practical examples and exercises on enhancing Q&A with Copilot
	+ Customizing Q&A settings to leverage Copilot's natural language processing abilities
	+ Monitoring and analyzing Q&A interactions to refine Copilot's performance over time
* Advanced DAX Queries with Copilot
	+ Exploring advanced DAX queries that can be handled with Copilot's assistance
	+ Use cases demonstrating how Copilot streamlines the creation of complex DAX measures
	+ Leveraging Copilot's query optimization suggestions for improved DAX performance
* Measure Descriptions and Report Summarization
	+ Utilizing Copilot to create descriptive measure definitions
	+ Summarizing report insights using Copilot's capabilities
	+ Generating automated measure descriptions with Copilot
	+ Evaluating the effectiveness of Copilot-generated measure descriptions for end-user comprehension and usability