



MICROSOFT TRAINING

Power Bi Online Course

*Transform raw data into powerful insights and interactive dashboards using Microsoft Power BI.
Unlock your data analytics potential online.*

DURATION

8 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

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

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COURSE OVERVIEW

This Power BI Online Course, designed for intermediate learners, provides a comprehensive foundation in leveraging Microsoft Power BI for robust data analysis and compelling visualization. Over 8 intensive hours, you will dive deep into connecting, transforming, and modeling data from diverse sources using Power Query and Power Pivot. The course focuses on empowering participants to build interactive reports and dashboards, turning raw data into actionable business intelligence that drives informed decision-making. By the end of this certification, you will possess the practical skills to effectively design, develop, and deploy dynamic Power BI solutions. You will learn to utilize DAX (Data Analysis Expressions) for complex calculations, create sophisticated data models, and publish reports for seamless collaboration. This expertise is crucial for professionals aiming to elevate their data storytelling abilities and contribute strategically within any data-driven organization.

Duration	8 hours
Level	Intermediate
Vendor	Microsoft

COURSE CURRICULUM

01 Module 1: Getting Started with Power BI for Intermediate Users

- Power BI Desktop interface overview and navigation
- Connecting to diverse data sources (Excel, SQL Server, Web)
- Understanding the Power BI service vs. Desktop environment
- Overview of data loading strategies and considerations

02 Module 2: Advanced Data Transformation with Power Query

- Mastering the Power Query Editor interface
- Advanced data cleaning and shaping techniques (handling errors, fill down/up)
- Merging queries (various join types) and appending queries
- Understanding and applying unpivoting and pivoting data transformations
- Creating custom columns and conditional columns

03 Module 3: Robust Data Modeling Fundamentals

- Establishing and managing relationships between tables
- Understanding cardinality (one-to-many, many-to-many) and cross-filter direction
- Introduction to DAX (Data Analysis Expressions) for calculated fields
- Creating calculated columns for contextual data enrichment
- Developing fundamental measures using DAX (SUM, COUNT, AVERAGE, DISTINCTCOUNT)

04 Module 4: Designing Interactive Reports and Visualizations

- Selecting appropriate visualization types for different data stories
- Customizing visual properties, formatting, and conditional formatting rules
- Implementing interactive filters, slicers, and sync slicer functionality
- Building multi-page reports and consolidating key insights into dashboards
- Utilizing themes and corporate branding within reports

05 Module 5: Enhancing Reports with Advanced DAX and Features

- Introduction to time intelligence functions (TOTALYTD, SAMEPERIODLASTYEAR, DATEADD)
- Utilizing variables in DAX for improved readability and performance

- Implementing report-level and page-level filters
- Configuring drill-through functionality for detailed analysis
- Leveraging tooltips and bookmarks for advanced navigation and interaction

06 Module 6: Publishing, Sharing, and Basic Administration

- Publishing reports from Power BI Desktop to Power BI Service
- Creating interactive dashboards in Power BI Service
- Sharing reports and dashboards with colleagues and managing access permissions
- Introduction to data refresh schedules and configuring data gateways for on-premise data
- Understanding basic security options within the Power BI Service

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Business Intelligence Analyst**
- > **Data Visualization Specialist**
- > **Financial Data Analyst**

FREQUENTLY ASKED QUESTIONS

Q: What specific types of business problems will I be able to solve using Power BI after completing this 8-hour course?

Upon completion, you will be proficient in solving common business intelligence challenges such as tracking sales performance over time, analyzing customer demographics, identifying operational bottlenecks through dashboard views, and creating financial summaries with interactive drill-down capabilities. The course equips you to transform raw transactional data into meaningful, visual insights for strategic decision-making across various departments like sales, marketing, and operations.

Q: What are the essential prerequisites for an intermediate learner to maximize their benefit from this 8-hour Power BI course?

To get the most out of this intermediate Power BI course, participants should have a foundational understanding of data concepts, including basic spreadsheet manipulation (e.g., Excel formulas, pivot tables) and familiarity with relational database concepts. While not mandatory, prior exposure to data analysis tools or basic SQL would be advantageous, though the course is structured to guide you through Power BI's specific functionalities efficiently.

Q: Given the 8-hour duration, will this course cover advanced data governance or complex deployment strategies for large enterprises?

This 8-hour intermediate course focuses on practical skills for data transformation, modeling, visualization, and basic publishing for individual and small team use. While it introduces publishing to the Power BI Service, it does not delve into advanced enterprise-level topics such as complex data governance frameworks, Row-Level Security (RLS) implementation for large user bases, or intricate deployment pipelines and premium capacity management, which are typically covered in more extensive, specialized Power BI administration courses.

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+

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50+

Vendor Certifications

READY TO ENROL?

Take the next step in your technology career.

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