



MICROSOFT TRAINING

Power Bi Online

Learn to transform complex data into actionable insights using Microsoft Power BI. Build interactive dashboards and reports to drive informed business decisions.

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 intermediate Power BI Online course by Microsoft is designed to equip you with the essential skills to transform raw data into powerful, interactive insights. You will delve into the core technologies of Power BI Desktop and Power BI Service, mastering the entire data visualization workflow from data connection and transformation using Power Query, to building robust data models, crafting compelling reports with DAX (Data Analysis Expressions), and publishing interactive dashboards for effective decision-making. Through practical, hands-on modules, you will learn to navigate the Power BI ecosystem and leverage its full potential to tell impactful data stories. This 8-hour intensive program is structured to provide a comprehensive understanding of Power BI's capabilities. Completing this course will empower you to confidently analyze complex datasets, create visually appealing and functional reports, and share your insights across an organization. These skills are highly sought after in today's data-driven landscape, making you a more valuable asset in any professional environment and opening doors to specialized career opportunities in business intelligence and data analytics. You will gain the ability to not just interpret data, but to present it in a way that drives strategic actions.

Duration	8 hours
Level	Intermediate
Vendor	Microsoft

COURSE CURRICULUM

01 Module 1: Introduction to Power BI & Data Connection

- Understanding the Power BI Ecosystem (Desktop, Service, Mobile)
- Connecting to Various Data Sources (Excel, CSV, Databases, Web)
- Introduction to Power Query Editor Interface
- Loading and Managing Queries

02 Module 2: Data Transformation and Modeling

- Cleaning and Shaping Data in Power Query
- Applying Common Transformations (Pivoting, Unpivoting, Merging, Appending)
- Understanding Data Types and Categories
- Creating Relationships Between Tables (One-to-Many, Many-to-One)
- Optimizing Data Models for Performance and Clarity

03 Module 3: DAX Fundamentals for Calculations

- Introduction to DAX (Data Analysis Expressions)
- Understanding Calculated Columns vs. Measures
- Creating Basic DAX Functions (SUM, AVERAGE, COUNT, MIN, MAX)
- Using CALCULATE for Context Modification
- Introduction to Time Intelligence Functions (TOTALYTD, SAMEPERIODLASTYEAR)

04 Module 4: Designing Interactive Reports and Dashboards

- Choosing Appropriate Visualizations for Data Storytelling
- Creating Various Chart Types (Bar, Line, Pie, Scatter)
- Implementing Interactive Slicers and Filters
- Designing Effective Dashboards with Key Performance Indicators (KPIs)
- Formatting and Theming Reports for Professional Presentation

Module 5: Publishing, Sharing, and Collaboration

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- Publishing Reports from Power BI Desktop to Power BI Service
 - Creating Dashboards in Power BI Service
 - Sharing and Collaboration Features (Workspaces, Apps)
 - Setting up Data Refresh Schedules for Live Data
 - Understanding Row-Level Security (RLS) Basics

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Business Intelligence Analyst**
- > **Data Reporting Specialist**
- > **Financial Data Modeler**

FREQUENTLY ASKED QUESTIONS

Q: What specific types of business insights will I be able to generate and present after completing this Power BI Online course?

Upon completion, you will be proficient in generating diverse business insights such as sales performance trends, customer behavior analytics, financial expenditure breakdowns, operational efficiency metrics, and marketing campaign effectiveness. You'll be able to create interactive reports and dashboards that allow stakeholders to drill down into specific data points, identify outliers, and understand key performance indicators, enabling data-driven strategic decisions across various departments.

Q: Is prior experience with data analysis tools or specific programming languages a prerequisite for this intermediate Power BI Online course?

While this is an intermediate course, it is designed for individuals with a basic understanding of data concepts. Prior experience with Excel, especially functions like VLOOKUP or PivotTables, will be beneficial but is not strictly required. No prior programming language knowledge (like SQL or Python) is necessary, as the course focuses on Power BI's intuitive interface for data manipulation and DAX for calculations.

Q: How will the skills learned in this Power BI Online course directly enhance my ability to influence strategic decision-making within my organization?

This course will empower you to move beyond simply presenting data to becoming a strategic advisor. You'll learn to identify critical business questions, gather relevant data, transform it into actionable insights, and present these insights through compelling visualizations and interactive dashboards. This ability to clearly communicate data-backed recommendations will allow you to articulate business opportunities, highlight areas for improvement, and ultimately influence and drive more informed, data-driven strategic decisions within your organization.

ABOUT COMPUTER PRIDE



computerpride

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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