



MICROSOFT TRAINING

Best Power Bi Course

Master Microsoft Power BI to transform data into powerful insights and create interactive dashboards. Drive data-driven decisions.

DURATION

40 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

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

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COURSE OVERVIEW

This "Best Power BI Course" is designed for intermediate users who want to harness the full analytical power of Microsoft Power BI, transforming raw data into actionable insights. Over 40 intensive hours, you will delve deep into Power BI Desktop, Power Query Editor, and the Power BI Service, mastering the end-to-end process of data analysis and visualization. The course emphasizes practical, hands-on application, covering advanced data modeling techniques, sophisticated DAX (Data Analysis Expressions) formulas, and best practices for creating compelling, interactive reports and dashboards.

By completing this certification, you will gain the expertise to connect to diverse data sources, clean and transform complex datasets efficiently, build robust data models, and develop insightful visualizations that drive strategic decision-making. You will learn how to publish, share, and manage reports securely within the Power BI Service, empowering your organization with self-service business intelligence capabilities. This course is ideal for professionals aiming to elevate their data analytical skills and become proficient in creating impactful data-driven narratives.

Duration	40 hours
Level	Intermediate
Vendor	Microsoft

COURSE CURRICULUM

01 Module 1: Power BI Fundamentals & Data Acquisition

- Introduction to Power BI Desktop interface
- Understanding different data sources (Excel, CSV, Databases, Web)
- Connecting to various data types and import modes (Import, DirectQuery, Live Connection)
- Basic data loading and initial dataset inspection

02 Module 2: Data Transformation with Power Query Editor

- Overview of Power Query Editor functionalities
- Data cleaning techniques (removing duplicates, handling errors, splitting columns)
- Data shaping and manipulation (merging, appending, pivoting/unpivoting data)
- Introduction to M-language for advanced transformations

03 Module 3: Data Modeling & Relationships

- Designing effective data models (Star vs. Snowflake schema)
- Creating and managing relationships between tables
- Understanding cardinality and cross-filter direction
- Optimizing model performance and troubleshooting common issues

04 Module 4: DAX Essentials for Data Analysis

- Introduction to DAX (Data Analysis Expressions) syntax and concepts
- Creating calculated columns and measures
- Utilizing common DAX functions (SUM, AVERAGE, COUNT, CALCULATE)
- Understanding filter context and row context

05 Module 5: Advanced DAX & Time Intelligence

- Mastering the CALCULATE function for context modification
- Implementing advanced DAX patterns (ALL, ALLSELECTED, ALLEXCEPT, FILTER)

- Applying time intelligence functions (TOTALYTD, SAMEPERIODLASTYEAR, DATEADD)
- Creating dynamic segmentation and ranking with DAX

06 Module 6: Data Visualization, Report Design & Power BI Service

- Choosing appropriate visualization types for different data stories
- Designing interactive and user-friendly reports (filters, slicers, drill-through)
- Creating custom tooltips and conditional formatting
- Publishing reports to Power BI Service
- Building dashboards, creating apps, and managing access/security (RLS)

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 prior experience or skills are recommended to get the most out of this Intermediate Power BI course?

This intermediate Power BI course assumes you have foundational knowledge of data concepts, including basic spreadsheet manipulation and an understanding of relational databases. While not strictly required, prior exposure to Excel functions, basic SQL, or any other data analysis tool will significantly enhance your learning experience and ability to grasp advanced Power BI concepts.

Q: How will mastering Power BI through this specific course directly enhance my capabilities as a Business Intelligence Analyst?

This course is tailored to equip you with the advanced skills necessary for a Business Intelligence Analyst role. You will learn to build complex data models, write sophisticated DAX queries for in-depth analysis, and design dynamic, insightful dashboards. This proficiency enables you to not only extract but also interpret critical business trends, identify opportunities, and present data-driven recommendations that directly influence strategic decisions and improve operational efficiency.

Q: Will I be able to create comprehensive, interactive dashboards suitable for executive-level presentations independently after completing this course?

Absolutely. By the end of this 40-hour course, you will possess the expertise to independently connect to various data sources, perform advanced data transformations, construct robust data models, and apply complex DAX calculations. More importantly, you will master the art of data visualization and report design, enabling you to craft interactive, executive-ready dashboards that effectively communicate key performance indicators and strategic insights to senior leadership.

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

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READY TO ENROL?

Take the next step in your technology career.

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