



MICROSOFT TRAINING

Power Bi Course Online

Master Power BI online, transforming raw data into insightful visualizations and interactive dashboards for data-driven decisions.

DURATION

16 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

Unlock the power of your data with Computer Pride's intermediate 'Power BI Course Online'. This comprehensive 16-hour program is meticulously designed for professionals eager to transform raw data into actionable insights using Microsoft's leading business intelligence tool. You'll gain mastery over connecting to diverse data sources, executing sophisticated data transformations with Power Query, and building robust, scalable data models. This course not only covers the core functionalities of Power BI Desktop but also extends to leveraging the Power BI Service for collaborative reporting and dashboard creation.

Throughout the course, participants will delve into the intricacies of Data Analysis Expressions (DAX) to create powerful calculations and measures, enabling deeper analytical capabilities. You'll learn to design visually compelling and interactive reports, turning complex datasets into clear, intuitive dashboards that drive informed decision-making. The practical, hands-on approach ensures you can immediately apply your new skills to real-world business challenges.

By completing this certification, you will significantly enhance your analytical toolkit, becoming an invaluable asset in any data-driven organization. Elevate your career trajectory by gaining the expertise to champion business intelligence initiatives, create impactful presentations, and contribute to strategic growth, setting you apart in the competitive Kenyan and global job markets.

Duration	16 hours
Level	Intermediate
Vendor	Microsoft

COURSE CURRICULUM

01 Module 1: Introduction to Power BI & Data Acquisition

- Understanding the Power BI ecosystem (Desktop, Service, Mobile)
- Connecting to various data sources (Excel, CSV, Databases, Web)
- Basic data loading and understanding data types
- Overview of the Power BI Desktop interface

02 Module 2: Data Transformation with Power Query Editor

- Introduction to the Power Query Editor
- Cleaning and shaping data (removing rows/columns, splitting columns)
- Transforming data (pivoting, unpivoting, merging queries, appending queries)
- Creating custom columns and conditional columns using M-language

03 Module 3: Data Modeling & Relationships

- Fundamentals of data modeling (fact and dimension tables)
- Creating and managing relationships between tables
- Understanding cardinality and cross-filter direction
- Optimizing data models for performance and efficiency

04 Module 4: DAX Fundamentals for Power BI

- Introduction to Data Analysis Expressions (DAX)
- Distinction between Calculated Columns and Measures
- Basic DAX functions (SUM, AVERAGE, COUNT, MAX, MIN, DIVIDE)

- Understanding Filter Context and Row Context
- Using the CALCULATE function for powerful aggregations

05 Module 5: Designing Interactive Reports & Visualizations

- Choosing appropriate visualizations for different data types
- Formatting and customizing visuals for clarity and impact
- Creating interactive reports with slicers, filters, and drill-through capabilities
- Designing effective dashboards for executive summaries

06 Module 6: Power BI Service & Collaboration

- Publishing reports from Power BI Desktop to Power BI Service
- Creating dashboards and pinning visuals in Power BI Service
- Sharing and collaborating on reports and dashboards with colleagues
- Setting up data refresh schedules and understanding data gateways
- Introduction to Power BI Mobile apps

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Business Intelligence Analyst (Power BI Specialist)**
- > **Data Reporting and Visualization Specialist**
- > **Financial Data Modeler and Analyst**

FREQUENTLY ASKED QUESTIONS

Q: What specific types of advanced data cleansing and transformation techniques will I master using Power Query in this course?

This course delves beyond basic data loading, empowering you to master advanced Power Query Editor functionalities. You'll learn sophisticated techniques such as unpivoting complex datasets, merging and appending queries from disparate sources, creating robust custom columns with M-language logic, and handling data privacy levels to ensure secure and efficient data preparation for your reports.

Q: How will this intermediate Power BI course specifically prepare me to build executive-level interactive dashboards for C-suite presentations?

This course focuses on practical application, teaching you to design and implement impactful executive dashboards. You'll learn to choose the most effective visualizations for key performance indicators (KPIs), integrate interactive elements like slicers and drill-through capabilities for deep dives, and apply design principles to ensure clarity and actionable insights, directly supporting high-level strategic decision-making.

Q: Is prior experience with SQL or other database query languages a prerequisite for effectively learning the data modeling and DAX concepts covered in this course?

While not strictly mandatory, a basic understanding of relational database concepts will be beneficial for the data modeling section. However, this course is designed to introduce DAX fundamentals from the ground up, focusing on its application within Power BI. We will cover creating relationships and writing essential DAX calculations in a clear, structured manner, making it accessible even without prior SQL expertise.

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+

Professionals Trained

50+

Vendor Certifications

READY TO ENROL?

Take the next step in your technology career.

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