



MICROSOFT TRAINING

Powerbi Course

Transform data into insightful visuals with Microsoft Power BI. Master data modeling and create impactful dashboards.

DURATION

20 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

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

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COURSE OVERVIEW

Unlock the full potential of your data with Computer Pride's Intermediate Power BI Course, designed for professionals eager to transform raw data into actionable insights. This comprehensive 20-hour program dives deep into Microsoft Power BI, equipping you with the skills to connect to diverse data sources, clean and transform data using Power Query (M Language), and build robust data models. You'll master the powerful Data Analysis Expressions (DAX) language to create sophisticated calculations and measures, enabling advanced analytical capabilities.

This course goes beyond basic reporting, focusing on developing interactive and visually compelling dashboards that drive informed decision-making. You'll learn best practices for data visualization, report design, and how to publish and share your insights securely using the Power BI Service. By the end of the course, you'll be adept at leveraging Power BI's suite of tools to perform complex data analysis, identify trends, and communicate findings effectively, positioning you as a valuable asset in any data-driven organization.

The professional benefits of this certification are immense. Graduates will gain a distinct advantage in the job market, capable of creating powerful business intelligence solutions that reduce operational costs, optimize performance, and support strategic growth. This expertise is critical for roles requiring deep data understanding and the ability to present complex information clearly and concisely to stakeholders.

Duration	20 hours
Level	Intermediate
Vendor	Microsoft

COURSE CURRICULUM

01 Module 1: Getting Started with Power BI Desktop & Data Connection

- Introduction to Power BI ecosystem and components
- Navigating the Power BI Desktop interface
- Connecting to various data sources (Excel, databases, web, cloud)
- Understanding data import modes (Import, DirectQuery, Live Connection)

02 Module 2: Data Transformation with Power Query

- Introduction to Power Query Editor interface
- Cleaning and shaping data (removing rows/columns, splitting, merging)
- Data type conversions and handling errors
- Pivoting and unpivoting data
- Advanced transformations and custom columns (M Language basics)

03 Module 3: Data Modeling Fundamentals

- Creating and managing relationships between tables
- Understanding cardinality and cross-filter direction
- Optimizing data models for performance and efficiency
- Creating hierarchies and calculated columns to enhance usability

04 Module 4: DAX for Advanced Calculations

- Introduction to DAX syntax and common functions (SUM, AVERAGE, COUNT)
- Creating Measures for key performance indicators (KPIs)

- Understanding Row Context vs. Filter Context
- Time intelligence functions (DATEADD, TOTALYTD, SAMEPERIODLASTYEAR)
- Using CALCULATE for powerful context modification

05 Module 5: Designing Interactive Reports & Visualizations

- Choosing appropriate visualization types for data storytelling
- Designing effective report layouts and applying themes
- Implementing filters, slicers, and drill-through functionality
- Creating custom tooltips and conditional formatting
- Building effective dashboards for C-suite and operational insights

06 Module 6: Power BI Service and Collaboration

- Publishing reports to Power BI Service
- Creating dashboards and customizing tiles
- Sharing reports and dashboards with colleagues
- Understanding data gateways and scheduling data refreshes
- Implementing Row-Level Security (RLS) for data governance

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

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

FREQUENTLY ASKED QUESTIONS

Q: What specific advanced analytical techniques will I master in this Intermediate Power BI course that will give me a competitive edge in data analysis roles?

This course will equip you with advanced DAX capabilities to create complex measures and calculated columns, enabling sophisticated time-intelligence analysis, cohort analysis, and comparative performance metrics. You'll also learn to optimize data models for large datasets, implement advanced data transformations using M-query, and design highly interactive reports with drill-through and conditional formatting, allowing you to uncover deeper insights and present them professionally.

Q: What foundational knowledge or prior experience is recommended before enrolling in this Intermediate Power BI course?

To get the most out of this Intermediate Power BI course, we recommend having a basic understanding of data concepts, such as databases, tables, and relationships. Familiarity with Microsoft Excel, especially pivot tables and basic formulas, would also be beneficial. While not strictly required, prior exposure to any data visualization tool or programming logic can help you grasp the concepts more quickly.

Q: How does mastering Power BI through this course directly translate into making better data-driven strategic decisions within an organization?

By the end of this course, you'll be able to build comprehensive, interactive dashboards that provide a 360-degree view of business performance. You'll learn to identify key performance indicators (KPIs), track trends, and spot anomalies across various departments. This capability allows organizations to move from reactive decision-making to proactive, insight-driven strategies, optimize resource allocation, identify new market opportunities, and ultimately drive sustainable growth based on verifiable data.

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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