



MICROSOFT TRAINING

Online Power Bi Course

Unlock data insights with our online Power BI course. Build interactive reports and dashboards to drive smart business strategies.

DURATION

40 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

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

Computer Pride | 1st Floor, ICEA Building, Kenyatta Avenue, Nairobi | www.computer-pride.co.ke

COURSE OVERVIEW

Unlock the power of data transformation and visualization with Computer Pride's Online Power BI Course, an intermediate-level program meticulously designed for aspiring and current data professionals. This 40-hour intensive course delves deep into Microsoft Power BI, a leading business intelligence tool, equipping you with the skills to connect to diverse data sources, transform raw data into actionable insights, and create compelling, interactive dashboards and reports. You will master critical functionalities like Power Query for data cleansing and shaping, DAX (Data Analysis Expressions) for complex calculations and measures, and advanced visualization techniques to tell compelling data stories.

This course is engineered to elevate your data analysis capabilities, enabling you to build robust data models and publish interactive reports that drive informed decision-making within any organization. By focusing on practical, hands-on exercises, you will gain proficiency in not just using Power BI, but in understanding the underlying principles of effective business intelligence. The professional benefits are immense; you will be able to interpret complex datasets, identify trends, predict outcomes, and present your findings clearly and persuasively, making you an invaluable asset in today's data-driven landscape.

Upon completion, you will be proficient in designing and deploying end-to-end Power BI solutions, enhancing your professional portfolio and opening doors to specialized roles where data mastery is paramount. This Microsoft-vendor aligned curriculum ensures you are learning industry-standard best practices, setting you on a clear path to career advancement and leadership in data analytics.

Duration	40 hours
Level	Intermediate
Vendor	Microsoft

COURSE CURRICULUM

01 Module 1: Introduction to Power BI & Data Connection

- Understanding the Power BI ecosystem (Desktop, Service, Mobile)
- Installing and configuring Power BI Desktop
- Connecting to various data sources (Excel, SQL Server, Web, CSV)
- Importing vs. DirectQuery vs. Live Connection
- Introduction to the Power Query Editor

02 Module 2: Data Transformation & Cleansing with Power Query

- Transforming and shaping data in Power Query Editor
- Handling missing values, errors, and data types
- Pivoting and unpivoting columns
- Merging and appending queries
- Creating custom columns and conditional columns

03 Module 3: Data Modeling & Relationship Management

- Understanding data model concepts (star schema, snowflake schema)
- Creating and managing relationships between tables
- Cardinality and cross-filter direction
- Optimizing data models for performance
- Introduction to DAX (Data Analysis Expressions)

04 Module 4: DAX Fundamentals & Advanced Calculations

- Creating calculated columns and measures
- Understanding evaluation contexts (row context, filter context)
- Using common DAX functions (SUM, CALCULATE, FILTER, ALL)
- Time intelligence functions (TOTALYTD, SAMEPERIODLASTYEAR)
- Creating advanced measures for business logic

05 Module 5: Data Visualization & Interactive Dashboards

- Designing effective reports and dashboards
- Choosing appropriate visualizations (charts, tables, maps, cards)
- Customizing visual properties and themes
- Implementing drill-through and tooltips
- Creating interactive filters and slicers
- Best practices for data storytelling

06 Module 6: Power BI Service, Sharing & Security

- Publishing reports to Power BI Service
- Creating and managing workspaces
- Setting up data refresh schedules
- Implementing Row-Level Security (RLS)
- Sharing reports and dashboards with colleagues
- Introduction to Power BI Mobile apps

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Business Intelligence Analyst specializing in Microsoft Power BI**
- > **Data Analyst with advanced dashboarding and reporting expertise**
- > **Financial Planning & Analysis (FP&A) Professional leveraging Power BI for strategic insights**

FREQUENTLY ASKED QUESTIONS

Q: What prior experience or knowledge is recommended before enrolling in this intermediate Online Power BI Course?

This intermediate course is designed for individuals with foundational knowledge in data analysis concepts and some prior experience working with data, such as basic Excel functions or relational databases. While no prior Power BI experience is strictly required, familiarity with data manipulation and a general understanding of business metrics will significantly enhance your learning experience and allow you to grasp advanced concepts more quickly.

Q: Beyond basic reporting, what advanced data modeling and DAX techniques will I master to create sophisticated business insights in this course?

This course goes beyond basic reporting by deeply covering advanced data modeling practices like optimizing star schemas and managing complex relationships. You will master intricate DAX functions including CALCULATE, FILTER context manipulation, and time intelligence functions, enabling you to create powerful, dynamic measures for complex calculations such as year-over-year growth, running totals, and sophisticated financial metrics, ultimately driving deeper business insights.

Q: How does this course prepare me for real-world Power BI implementation and collaborative report sharing within an organization?

This course dedicates a full module to the Power BI Service, teaching you how to publish reports, manage workspaces, configure data gateways for on-premise data sources, and implement Row-Level Security (RLS) to control data access. You'll learn best practices for collaborative report development and secure sharing, directly preparing you to deploy and manage Power BI solutions effectively in a professional, organizational setting.

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.

Location

1st Flr, ICEA Building
Kenyatta Ave, Nairobi

Email

info@computer-pride.co.ke

Phone

+254 705 900 900

www.computer-pride.co.ke