



MICROSOFT TRAINING

Power Bi Developer Day Course

Master Power BI development in one day. Build compelling reports, dashboards, and data models to drive business intelligence.

DURATION

8 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

The Microsoft Power BI Developer Day Course at Computer Pride is an intensive, one-day program designed for aspiring and intermediate data professionals eager to master the art of transforming raw data into actionable business intelligence. This course dives deep into the core functionalities of Power BI, empowering you to connect to diverse data sources, clean and transform data with Power Query, build robust data models, and create compelling visualizations that drive informed decision-making. You will gain hands-on experience with Data Analysis Expressions (DAX) to develop complex measures and calculated columns, unlocking deeper insights from your datasets.

This course emphasizes practical, real-world application, ensuring that by the end of the day, you can confidently develop, publish, and share interactive reports and dashboards. We cover essential technologies including Power BI Desktop for development, Power Query for data wrangling, and the Power BI Service for collaboration and distribution. Participants will leave with a strong foundation in data visualization best practices, data storytelling, and the ability to contribute significantly to any organization's data strategy. Enhance your analytical prowess and become an indispensable asset in the data-driven landscape.

By completing this program, you'll not only enhance your technical skill set but also significantly boost your professional value. The ability to effectively harness Power BI is a highly sought-after skill across various industries, opening doors to advanced roles where data-driven insights are paramount. Computer Pride's expert instructors provide a supportive learning environment, ensuring you grasp complex concepts and apply them effectively.

Duration	8 hours
Level	Intermediate
Vendor	Microsoft

COURSE CURRICULUM

01 Module 1: Introduction to Power BI & Data Acquisition

- Understanding the Power BI Ecosystem (Desktop, Service, Mobile)
- Navigating the Power BI Desktop Interface
- Connecting to various data sources (Excel, CSV, SQL Database, Web)
- Import vs. DirectQuery storage modes
- Basic data loading and refresh processes

02 Module 2: Data Transformation with Power Query Editor

- Introduction to Power Query Editor
- Cleaning and shaping data (Removing rows/columns, splitting, merging)
- Handling data types and errors
- Pivoting and unpivoting data for optimal structure
- Creating custom columns and conditional columns

03 Module 3: Data Modeling Fundamentals

- Understanding table relationships (One-to-many, Many-to-one, Many-to-many)
- Creating and managing relationships in Power BI Desktop
- Cardinality and cross-filter direction concepts
- Optimizing data models for performance and usability
- Star Schema vs. Snowflake Schema principles

04 Module 4: Data Analysis Expressions (DAX) Essentials

- Introduction to DAX: Calculated Columns vs. Measures
- Common DAX functions (SUM, AVERAGE, COUNT, MIN, MAX)
- Understanding Filter Context and Row Context
- Using the CALCULATE function for context modification
- Time Intelligence functions (TOTALYTD, SAMEPERIODLASTYEAR)

05 Module 5: Report Design & Publishing to Power BI Service

- Creating compelling visualizations (Charts, Tables, Maps, Cards)
- Implementing interactive elements (Slicers, Filters, Drill-through)
- Designing effective dashboards and layouts
- Applying themes and formatting for professional reports
- Publishing reports to Power BI Service
- Introduction to Power BI Service features (Workspaces, Dashboards, Sharing)

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Junior Business Intelligence (BI) Developer**
- > **Data Reporting Specialist**
- > **Analytics Consultant (focusing on Power BI implementations)**

FREQUENTLY ASKED QUESTIONS

Q: What specific Power BI development skills will I master that are critical for building robust business intelligence solutions?

This course will equip you with foundational and intermediate Power BI development skills, including advanced data transformation using Power Query, designing efficient data models, writing complex DAX measures and calculated columns for sophisticated analytics, and creating interactive, visually appealing reports. You'll also learn best practices for publishing and sharing your developed solutions within the Power BI Service, preparing you to contribute meaningfully to BI projects.

Q: Is this Power BI Developer Day Course suitable for professionals with limited data analysis experience, or should I have a foundational understanding of data concepts?

While this is an Intermediate-level course, it is structured to accommodate motivated individuals with a foundational understanding of data concepts, such as familiarity with Excel functions or basic database principles. No prior Power BI experience is strictly required, but a general aptitude for logical problem-solving and an interest in data-driven insights will be highly beneficial for maximizing your learning in this intensive day course.

Q: How will this specific Power BI Developer Day Course prepare me to immediately contribute to a team's data strategy or analytical projects after completion?

Upon completing this course, you will be capable of autonomously connecting to, cleaning, and modeling data, crafting insightful DAX expressions, and designing comprehensive Power BI reports. This practical, hands-on training ensures you can immediately start building and refining reports, contributing to data exploration, and transforming raw data into

actionable intelligence for your team or organization, enhancing data-driven decision-making processes from day one.

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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