



MICROSOFT TRAINING

Power Bi Developer Course

Become a Microsoft Power BI Developer. Learn to build powerful data models, reports, and dashboards to drive business insights.

DURATION

16 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 full potential of your data with Computer Pride's Microsoft Power BI Developer Course, an intermediate-level program designed to transform aspiring data professionals into proficient Power BI specialists. This comprehensive 16-hour course delves deep into the core functionalities of Power BI, empowering you to connect to diverse data sources, perform robust data transformations using Power Query, and build sophisticated data models. You will master Data Analysis Expressions (DAX) to create powerful calculations and gain expertise in designing compelling, interactive visualizations that drive actionable insights.

Participants will learn to craft dynamic dashboards and reports, implement row-level security, and effectively publish and share their creations within an organizational context. The course emphasizes practical, hands-on application, preparing you to tackle real-world business intelligence challenges. By the end of this program, you'll possess the skills to not only analyze data efficiently but also to communicate complex information clearly, enabling data-driven decision-making and significantly enhancing your professional value in today's data-centric landscape.

Duration	16 hours
Level	Intermediate
Vendor	Microsoft

COURSE CURRICULUM

01 Module 1: Getting Started with Power BI and Data Connection

- Introduction to Power BI Desktop and Service
- Understanding Power BI architecture and components
- Connecting to various data sources (databases, files, cloud services)
- Import vs. DirectQuery vs. Live Connection
- Introduction to Power Query Editor

02 Module 2: Data Transformation and Cleaning with Power Query

- Shaping and transforming data in Power Query Editor
- Data profiling and quality checks
- Merging and appending queries
- Pivoting and unpivoting data
- Creating custom columns and conditional columns

03 Module 3: Data Modeling and Relationship Management

- Designing effective data models (Star Schema, Snowflake Schema)
- Creating and managing relationships between tables
- Understanding cardinality and cross-filter direction
- Optimizing data models for performance
- Creating calculated columns and measures

04 Module 4: Mastering DAX (Data Analysis Expressions)

- Introduction to DAX syntax and common functions
- Creating measures and calculated columns with DAX
- Understanding evaluation contexts (Row Context, Filter Context)
- Time intelligence functions (CALCULATE, ALL, FILTER)
- Advanced DAX patterns for complex calculations

05 Module 5: Designing Interactive Reports and Dashboards

- Choosing appropriate visualizations for different data types
- Designing compelling and user-friendly reports
- Implementing drill-through and bookmark functionality
- Creating interactive dashboards
- Applying themes and formatting for visual consistency

06 Module 6: Publishing, Sharing, and Administration

- Publishing reports to Power BI Service
- Understanding workspaces and content organization
- Sharing reports and dashboards with colleagues
- Implementing Row-Level Security (RLS)
- Data refresh scheduling and gateways
- Introduction to Power BI Apps and deployment strategies

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Business Intelligence Developer (Specializing in Microsoft Power BI)**
- > **Data Analyst (Focused on interactive reporting and dashboard creation)**
- > **Power BI Reporting Specialist (Designing and maintaining enterprise-level Power BI solutions)**

FREQUENTLY ASKED QUESTIONS

Q: What are the prerequisite skills or knowledge needed to excel in this Power BI Developer Course?

To get the most out of this intermediate-level Power BI Developer Course, participants should have a foundational understanding of data concepts, including basic database principles and familiarity with Excel for data manipulation. Prior exposure to SQL or any programming language is beneficial but not strictly required, as the course will cover data transformation and modeling techniques comprehensively.

Q: How will this specific Power BI Developer Course help me transition into a Business Intelligence Developer role?

This course is meticulously designed to equip you with the practical, hands-on skills directly applicable to a BI Developer role. You'll master data extraction and transformation with Power Query, build robust data models, write complex DAX expressions for advanced calculations, and create compelling, secure reports and dashboards. The curriculum covers not just visualization, but the entire data pipeline from source to insightful presentation, which is critical for any successful BI Developer.

Q: Will I gain experience with advanced DAX functions and complex data modeling scenarios in this course?

Absolutely. This course goes beyond basic DAX usage. You will delve into understanding evaluation contexts (row and filter context), master time intelligence functions, and learn to apply advanced DAX patterns for tackling complex business requirements, such as calculating year-over-year growth, running totals, and disconnected tables. We'll also cover best practices for designing optimized data models to support these advanced calculations efficiently.

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