



MICROSOFT TRAINING

Power Bi Data Analyst Course

Master Power BI to transform data, create insightful dashboards, and become a skilled data analyst. Drive business decisions with powerful visualizations.

DURATION

56 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 Power BI Data Analyst Course by Microsoft is an intermediate-level, 56-hour intensive program designed to transform aspiring and existing data professionals into adept Power BI specialists. This course plunges deep into Microsoft's leading business intelligence tool, enabling participants to harness the full potential of data for strategic decision-making. You will learn to connect to diverse data sources, perform robust data transformations with Power Query, design efficient data models, and create advanced calculations using Data Analysis Expressions (DAX). The curriculum emphasizes hands-on application, guiding you through the creation of interactive and visually compelling reports and dashboards. By mastering these core technologies, you'll be able to tell powerful data stories that drive business insights and improve operational efficiency. This expertise not only enhances your analytical capabilities but also positions you as a critical asset in any organization striving for data-driven excellence. Upon completion, you will be proficient in leveraging Power BI to extract, clean, analyze, and visualize complex datasets, providing you with a significant competitive edge in the rapidly evolving data landscape. The skills acquired are directly applicable to real-world business challenges, making you invaluable for roles that demand insightful data interpretation and presentation.

Duration	56 hours
Level	Intermediate
Vendor	Microsoft

COURSE CURRICULUM

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

- Understanding Power BI Desktop interface
- Connecting to various data sources (Excel, SQL Server, Web, CSV)
- Introduction to Power Query Editor
- Data import methods (Import, DirectQuery)

02 Module 2: Data Transformation and Modeling

- Cleaning and transforming data with Power Query
- Applying various transformations (merge, append, pivot, unpivot)
- Understanding data relationships and cardinality
- Creating effective data models (Star Schema, Snowflake Schema)
- Managing relationships and cross-filter direction

03 Module 3: DAX (Data Analysis Expressions) Fundamentals

- Introduction to DAX syntax and concepts
- Creating Calculated Columns vs. Calculated Measures
- Understanding Evaluation Context (Row Context, Filter Context)
- Key DAX functions (SUM, AVERAGE, CALCULATE, ALL, FILTER)
- Time Intelligence functions (TOTALYTD, SAMEPERIODLASTYEAR)

04 Module 4: Data Visualization and Report Design

- Choosing appropriate visualization types (bar, line, pie, scatter, map)
- Designing interactive reports and dashboards
- Using slicers, filters, and drill-through
- Applying conditional formatting
- Best practices for report layout and user experience

05 Module 5: Advanced Analytics and AI in Power BI

- Using built-in analytics features (Q&A, Smart Narratives)
- Integrating R and Python visuals (brief overview)
- Forecasting and trend analysis
- Utilizing AI visuals (Key Influencers, Decomposition Tree)

06 Module 6: Power BI Service, Collaboration, and Deployment

- Publishing reports to Power BI Service
- Creating dashboards and apps in Power BI Service
- Setting up data refresh schedules
- Row-Level Security (RLS) implementation
- Sharing and collaboration options
- Gateways for on-premises data

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Business Intelligence Developer**
- > **Data Reporting Specialist**
- > **Financial Data Analyst**

FREQUENTLY ASKED QUESTIONS

Q: What specific type of analytical problems will I be equipped to solve after completing this Power BI Data Analyst Course?

This course will equip you to tackle a wide range of analytical challenges, including performance monitoring through interactive dashboards, identifying key business trends, conducting 'what-if' scenario analysis, and automating routine reporting. You'll be able to transform raw business data into actionable insights for strategic decision-making across various departments like sales, marketing, finance, and operations.

Q: What are the recommended prerequisites for someone considering this intermediate Power BI Data Analyst Course?

While this is an intermediate course, a basic understanding of data concepts, such as databases, tables, and columns, is highly beneficial. Familiarity with Microsoft Excel, particularly its functions and pivot tables, will also provide a strong foundation. Prior exposure to basic statistical concepts or any reporting tool would be an added advantage, though not strictly required as the course covers core Power BI functionalities from the ground up.

Q: How does this course prepare me for the Microsoft Certified: Power BI Data Analyst Associate certification?

This course is specifically designed to cover the core objectives of the Microsoft Certified: Power BI Data Analyst Associate (PL-300) exam. You will gain hands-on experience in preparing data, modeling data, visualizing and analyzing data, and deploying and maintaining assets, all of which are critical domains assessed in the certification exam. While the course provides comprehensive knowledge and practical skills, dedicated self-study and practice with exam-specific questions are recommended to ensure certification success.

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