



MICROSOFT TRAINING

Business Intelligence Data Mining Power Bi Course

Learn Business Intelligence data mining and build powerful dashboards with Microsoft Power BI to drive data-driven decision-making.

DURATION

2 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

Unlock the power of your data with Computer Pride's intermediate-level Business Intelligence Data Mining Power BI Course, designed to transform you into a data-driven decision-maker. This intensive 2-hour course focuses on leveraging Microsoft Power BI, the industry-leading tool, to connect, transform, model, visualize, and analyze business data. You'll delve into the foundational concepts of business intelligence and gain practical skills in using Power BI to uncover hidden patterns and trends within complex datasets, effectively turning raw data into actionable insights.

Participants will master essential Power BI features, including data connection and transformation using Power Query, robust data modeling techniques, and the creation of dynamic, interactive dashboards and reports. The course also introduces key data mining concepts, demonstrating how Power BI can be utilized to explore data for anomalies and significant insights without requiring advanced statistical programming. By the end of this program, you will be equipped to present compelling data narratives, support strategic business decisions, and significantly enhance your analytical capabilities in today's data-centric professional landscape.

Duration	2 hours
Level	Intermediate
Vendor	Microsoft

COURSE CURRICULUM

01 Module 1: Power BI Foundations for Data Exploration

- Introduction to Business Intelligence concepts and Power BI interface
- Connecting to diverse data sources (Excel, SQL Database, Web)
- Data transformation and cleansing with Power Query Editor (ETL basics)
- Introduction to data profiling and quality checks

02 Module 2: Data Modeling & DAX for Business Insights

- Creating and managing data relationships (star schema principles)
- Understanding cardinality and cross-filter direction in Power BI
- Introduction to Data Analysis Expressions (DAX) for calculated columns and measures
- Common DAX functions for aggregation and filtering (SUM, CALCULATE, RELATED)

03 Module 3: Visualizing & Discovering Patterns with Power BI

- Designing interactive reports and dashboards (charts, tables, slicers)
- Utilizing Power BI's built-in analytics features (e.g., Q&A, Key Influencers, Decomposition Tree)
- Introduction to pattern identification and trend analysis using visuals
- Sharing and publishing reports for collaborative business intelligence

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Business Intelligence Analyst**
- > **Data Analyst (with Power BI Specialization)**

> Reporting and Dashboard Developer

FREQUENTLY ASKED QUESTIONS

Q: What specific skills will I gain from this course that will help me uncover patterns in my business data?

This course will train you to utilize Power BI's advanced visualization capabilities and built-in analytical tools like Key Influencers and Decomposition Trees. You'll learn how to connect disparate data sources, cleanse and model data for optimal analysis, and design interactive dashboards that visually highlight trends, outliers, and relationships, thereby enabling you to identify significant patterns and derive actionable insights for your business.

Q: What are the recommended prerequisites for someone considering this intermediate Business Intelligence Data Mining Power BI course?

To get the most out of this intermediate course, participants should have a foundational understanding of data concepts, basic familiarity with Microsoft Excel (e.g., formulas, basic charting), and a general understanding of business operations. While not strictly required, prior exposure to data analysis or reporting tools would be beneficial but not mandatory.

Q: Does this course cover advanced data mining algorithms or focus primarily on Power BI's built-in analytical features?

Given its intermediate level and 2-hour duration, this course primarily focuses on leveraging Power BI's robust built-in analytical features and visualization capabilities to explore data for patterns and insights. It introduces the concepts of data mining within the context of Power BI's strengths, rather than diving into advanced statistical algorithms or external data mining tools. The goal is to empower users to perform effective exploratory data analysis directly within Power BI.

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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