

# Microsoft Power BI Workshop: Data Analysis Mastery

IT & IT Engineering  
Cape Town (South Africa)  
20 - 24 Oct 2025

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A close-up photograph of chess pieces on a checkered board. In the foreground, a large gold king piece stands prominently. To its left, a silver pawn is visible. Further back, another silver pawn is positioned. The background features concentric circles, creating a sense of depth and focus on the pieces.

## Microsoft Power BI Workshop: Data Analysis Mastery

**Ref:** 321618\_142072 **Date:** 20 - 24 Oct 2025 **Location:** Cape Town (South Africa) **Fees:** 3300 Euro

### Course Description

This intensive 5-day Microsoft Power BI Workshop takes you from the basics to advanced analytics. You'll learn to connect to various data sources, transform and model data, create compelling visualizations, and build interactive dashboards. By the end of the course, you'll be equipped to leverage Power BI for data-driven decision making in your organization.

### Learning Objectives

- Connect to and prepare data from multiple sources
- Create and manage data models using DAX
- Design effective visualizations and reports
- Develop interactive dashboards
- Implement advanced analytics techniques
- Share and collaborate on Power BI projects

### Course Modules

#### Day 1: Introduction to Power BI

- Power BI overview and ecosystem
- Connecting to data sources
- Data transformation with Power Query
- Basic data modeling

#### Day 2: Data Modeling and DAX

- Advanced data modeling techniques
- Introduction to DAX
- Creating calculated columns and measures
- Time intelligence functions

#### Day 3: Visualization Techniques

- Designing effective visualizations
- Custom visuals and formatting
- Drill-through and hierarchies
- Conditional formatting

A graphic of a chessboard with several chess pieces (king, queen, rook, knight, and pawns) in gold and silver. The text 'UK Training PARTNER' is overlaid on the board.

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## Day 4: Advanced Analytics

- Statistical analysis in Power BI
- Forecasting and what-if analysis
- R and Python integration
- AI visuals

## Day 5: Deployment and Collaboration

- Publishing reports to Power BI service
- Creating and managing workspaces
- Implementing row-level security
- Sharing and collaborating on reports

## Practical Wins for Participants

- Create a comprehensive sales dashboard
- Develop a financial report with forecasting
- Build a customer segmentation analysis
- Design an executive KPI scorecard

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