BLACKBIRD FOR TRAINING

# Microsoft Power BI Workshop

30 May – 3 June 2027
Amman (Jordan)

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**Ref:** 321618_296548 **Date:** 30 May – 3 June 2027 **Location:** Amman (Jordan) **Fees:** 4900 GBP

## Introduction

This Microsoft Power BI workshop is designed to equip participants with the essential skills to use Power BI effectively in data analysis, visualization, and reporting. Whether you are a beginner or looking to advance your skills, this Power BI training course will guide you through the key features and functionalities of Power BI. By the end of the workshop, participants will be able to connect, transform, clean, and model data, create visually appealing reports, and share insights with other users within the organization. Power BI is a powerful tool for business intelligence, and this course will help you unlock its full potential.

## Workshop Objectives

- Enable participants to prepare data quickly and efficiently: Learn how to import and prepare data from multiple sources in Power BI, accelerating your workflow.
- Professional data modeling: Gain the skills to build a robust and flexible data model, transforming raw data into actionable insights.
- Innovative data visualization: Discover how to create intuitive and dynamic Power BI reports and dashboards that provide powerful visualizations.
- Data analysis and usage: Learn how to perform data analysis using Power BI to drive business decisions.
- Post and maintain deliverables: Learn to manage datasets, collaborate with colleagues, and ensure reports are up-to-date and accessible.

## Workshop Outlines

### Day 1: Introduction to Power BI and Data Preparation

- Introduction to Power BI basics for beginners.
- Preparing the Data: Importing data from different sources Excel, CSV, SQL, etc..
- Profiling the data for better insight.
- Cleaning, transforming, and loading data into Power BI.

### Day 2: Data Modeling with Power BI

- Designing a data model in Power BI.
- Developing a Power BI data model with relationships and hierarchies.
- Creating measures using DAX Data Analysis Expressions to calculate key metrics.

### Day 3: Optimizing Model Performance and Visualization

- Optimizing Power BI model performance for faster analysis and reporting.
- Creating reports: Learn how to develop visually engaging reports and dashboards.
- Power BI Dashboard creation: Design interactive dashboards to visualize key business metrics.

### Day 4: Enriching Reports and Data Analysis

- Enhancing reports for usability: Adding interactive elements such as slicers, filters, and drill-through options.
- Data analysis: Use Power BI to uncover insights, perform trend analysis, and explore data patterns.

### Day 5: Deploying and Maintaining Deliverables

- Managing datasets in Power BI to ensure data is always fresh.
- Creating and managing workspaces for collaborative sharing of reports.
- Best practices for deploying and maintaining Power BI deliverables.

## Why Attend This Course: Wins & Losses!

- Master Power BI: Whether you are a beginner or looking for advanced Power BI training, this workshop covers everything from Power BI basics for beginners to advanced Power BI training.
- Certification opportunities: Upon completion, you will be prepared for Power BI certification, enhancing your credentials and opening new career opportunities.
- Increased productivity: Learn how to streamline data processing, modeling, and reporting, making your workflows faster and more efficient.
- Better data-driven decisions: With business intelligence with Power BI, you will be able to analyze and visualize data like never before, allowing you to make informed decisions that benefit your organization.
- Collaboration and sharing: Understand how to deploy and share your insights effectively with colleagues, ensuring that your data is accessible and actionable across teams.

## Conclusion

By attending this Microsoft Power BI workshop, you will gain the expertise needed to use Power BI to its fullest potential. From Power BI essentials training to advanced techniques, this course provides a comprehensive learning experience that will empower you to transform data into actionable insights. Whether you are just getting started with Power BI for beginners or looking to enhance your Power BI skills, this course is the perfect opportunity to take your data analysis and reporting capabilities to the next level.

**Unlock the power of business intelligence with Power BI and elevate your career to new heights!**