

## MASTERING POWER BI: DATA VISUALIZATION & ANALYTICS MASTERY

*"Transforming Business Data into Actionable Insights with Advanced Power BI Techniques"*

### Schedule

Date	Venue	Fees (Face-to-Face)
26 – 28 Aug 2026	Dubai, UAE	USD 2495 per delegate
04 – 06 Nov 2026	Dubai, UAE	USD 2495 per delegate

► Available delivery methods: Face-to-Face & Online Training

### Introduction

In the age of digital transformation, organizations need fast, flexible, and insightful tools to analyze and communicate data. Microsoft Power BI has emerged as a leading business intelligence platform, empowering professionals to transform raw data into dynamic reports and dashboards for real-time decision-making.

This focused 2-day course is designed to help professionals master Power BI's advanced capabilities—from data modeling and transformation to interactive visualization and DAX functions. Participants will gain hands-on experience building reports that align with business goals and clearly communicate key insights.

### Objectives

By the end of this course, participants will be able to:

- Connect, clean, and transform data using Power Query Editor
- Build robust data models using relationships and calculated fields
- Create compelling dashboards and interactive visualizations
- Apply DAX formulas for advanced calculations and KPIs
- Publish and share reports using Power BI Service

## Why Attend

- Accelerate your ability to turn data into business intelligence
- Master one of the most in-demand analytics tools on the market
- Enhance reporting clarity, interactivity, and automation
- Replace manual reporting with live, refreshable dashboards
- Make strategic decisions based on real-time, visual insights

## Target Audience

This program is designed for:

- Business analysts, data analysts, and report developers
- Finance, marketing, sales, and operations professionals
- IT staff supporting BI and reporting functions
- Managers and decision-makers seeking deeper data visibility
- Anyone interested in mastering Power BI for professional reporting

## Individual Benefits

Key competencies that will be developed include:

- Data modeling and transformation using Power Query
- Interactive visual reporting with slicers, filters, and drill-throughs
- Writing DAX measures for KPIs, trends, and ratios
- Publishing and sharing content via Power BI Service and apps
- Designing reports that drive better business conversations

## Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Faster and more accurate reporting across departments
- Improved data accessibility and collaboration
- Better decision-making through visual storytelling
- Automation of repetitive data analysis tasks
- Enhanced internal analytics capabilities

## Instructional Methodology

The course follows a blended learning approach combining theory with practice:

- Strategy Briefings - Data storytelling, dashboarding, and visualization principles
- Case Studies - Examples of Power BI success across industries
- Workshops - Hands-on exercises building real dashboards
- Peer Exchange - Participant interaction and problem-solving
- Tools - Power BI Desktop, Power Query, DAX, Power BI Service

## Course Outline

**Training Hours: 7:30 AM - 3:30 PM Daily Format: 3-4 Learning Modules | Coffee breaks: 09:30 & 11:15 | Lunch Buffet: 01:00 - 02:00**

### Day 1: Data Modeling and Report Foundations

- Module 1: Introduction to Power BI Ecosystem (07:30 - 09:30) • Overview of Power BI Desktop, Service, and Mobile
- Module 2: Connecting and Shaping Data (09:45 - 11:15) • Power Query Editor, merging, appending, and transformations
- Module 3: Data Modeling and Relationships (11:30 - 01:00) • Star schema, lookup tables, calculated columns
- Module 4: Workshop - Create a Basic Power BI Report (02:00 - 03:30) • Hands-on exercise with business data set

### Day 2: Advanced Visualizations and DAX Mastery

- Module 1: Advanced Visual Design Techniques (07:30 - 09:30) • Cards, KPIs, slicers, bookmarks, drill-throughs
- Module 2: DAX Essentials - Measures and Calculations (09:45 - 11:15) • SUMX, CALCULATE, FILTER, time intelligence
- Module 3: Sharing and Publishing Reports (11:30 - 01:00) • Power BI Service, dashboards, apps, data refresh
- Module 4: Final Workshop - Build and Present a Dashboard (02:00 - 03:30) • Complete a live dashboard project with feedback

## Certification

Participants will receive a Certificate of Completion in Mastering Power BI - Data Visualization and Analytics, confirming their capability to design, build, and share impactful dashboards and analytics using Microsoft Power BI.

## Why Choose MAWA Events

- **Global Expertise:** More than 17 years of experience in professional training and consulting.
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Interested in running this course for your team?

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