MAWA EVENTS

Address: No. 857, Block A2. Leisure Commerce Square - No 9., 46150 Petaling Jaya, Selangor, Malaysia

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MASTERING POWER BI - DATA VISUALIZATION AND ANALYTICS MASTERY

"Transform Data into Actionable Insights with Advanced Power BI Techniques"

Schedule

Date	Venue	Fees (Face-to-Face)
09 - 10 Jul 2026	Dubai, UAE	USD 1995 per delegate

Introduction

Data is the backbone of modern decision-making, and Power BI provides a powerful platform for transforming raw data into actionable business insights. From interactive dashboards to predictive analytics, mastering Power BI enables professionals to visualize trends, identify opportunities, and make data-driven decisions with confidence.

This intensive 2-day course provides participants with hands-on training in Power BI, covering data preparation, visualization techniques, advanced analytics, and dashboard creation. Participants will gain practical skills to analyze complex datasets, design visually compelling reports, and deliver insights that drive business performance.

Objectives

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

- Understand Power BI architecture and data modeling principles
- Import, clean, and transform data from multiple sources
- Design interactive dashboards and visualizations
- Apply DAX formulas for advanced analytics
- Implement data storytelling for business decision-making
- Publish, share, and manage Power BI reports securely
- Utilize Power BI best practices for efficiency and impact

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Why Attend

- Gain practical expertise in Power BI for real-world business scenarios
- Transform data into actionable insights with advanced visualizations
- Improve reporting efficiency and accuracy
- Enhance data-driven decision-making and storytelling
- Learn hands-on techniques for both beginner and advanced users

Target Audience

This program is designed for:

- Finance, accounting, and audit professionals
- Business analysts and data analysts
- Managers and decision-makers requiring insights from data
- IT professionals supporting BI initiatives
- Professionals involved in reporting, analytics, or data visualization

Individual Benefits

Key competencies that will be developed include:

- Strong understanding of Power BI data modeling and reporting
- Ability to create interactive dashboards and visualizations
- Advanced data analysis using DAX and Power Query
- Skills to design effective reports for decision-making
- Practical expertise in publishing and managing Power BI dashboards

Organizational Benefits

Upon completing the training course, participants will demonstrate:

- Improved data-driven decision-making capabilities
- Faster and more accurate reporting processes
- Enhanced business intelligence insights across departments
- Stronger alignment between data analysis and business strategy
- Reduced reporting errors and improved operational efficiency

Instructional Methodology

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

- Strategy Briefings – Power BI concepts, architecture, and visualization principles
- Case Studies – Real-world analytics and reporting challenges
- Workshops – Hands-on exercises for dashboard creation and data modeling
- Peer Exchange – Group discussions on analytics approaches and best practices
- Tools – Power BI Desktop, Power BI Service, and example datasets

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Course Outline

Detailed 2-Day 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: Power BI Fundamentals and Data Preparation

Module 1: Introduction to Power BI (07:30 – 09:30)

- Power BI overview and ecosystem
- Desktop, Service, and Mobile applications
- Key features and capabilities

Module 2: Data Import and Transformation (09:45 – 11:15)

- Connecting to various data sources
- Cleaning and shaping data using Power Query
- Creating relationships between tables

Module 3: Data Modeling and DAX Basics (11:30 – 01:00)

- Creating calculated columns and measures
- Basic DAX functions for aggregation and filtering
- Building effective data models

Module 4: Visualization Essentials (02:00 – 03:30)

- Creating charts, tables, and slicers
- Designing user-friendly dashboards
- Interactive report elements and best practices

Day 2: Advanced Analytics and Reporting

Module 5: Advanced DAX and Analytics (07:30 – 09:30)

- Time intelligence calculations
- Advanced filtering and ranking functions
- Creating complex measures for insights

Module 6: Dashboard Design and Storytelling (09:45 – 11:15)

- Principles of effective data storytelling
- Visual hierarchy and layout design
- Integrating KPIs and dynamic visuals

Module 7: Power BI Service and Sharing (11:30 – 01:00)

- Publishing reports to Power BI Service
- Creating dashboards and workspaces
- Managing permissions and report sharing

Module 8: Case Studies, Best Practices, and Implementation (02:00 – 03:30)

- Review of real-world business scenarios
- Power BI governance and optimization tips
- Action plan for implementing Power BI in your organization

Certification

Participants will receive a Certificate of Completion in Mastering Power BI – Data Visualization & Analytics Mastery, validating their competence in data visualization, advanced analytics, dashboard creation, and business intelligence reporting using Power BI.

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Why Choose MAWA Events

- **Global Expertise:** More than 17 years of experience in professional training and consulting.
- **Industry-Leading Faculty:** Courses delivered by seasoned professionals with hands-on experience.
- **Practical Insights:** Learn to turn theory into actionable strategies for real-world business impact.
- **Client-Focused Solutions:** Customized programs designed to achieve your organisation's unique goals.

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