MAWA EVENTS

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

Phone: +601116373203 | **Email:** info@mawaevents.net

FUNDAMENTALS OF POWER BI IN THE OIL & GAS INDUSTRY FOR MANAGERS

"Build Your First Dashboards and Make Smart Decisions with Power BI"

Schedule

Venue	Fees
In-House	ASK FOR THE QUOTATION

► **Available delivery methods:** In-House Training

Introduction

This beginner-level course introduces managers in the oil and gas industry to the core concepts and applications of Power BI for data analysis and reporting. Participants will learn how to connect data sources, build basic dashboards, and generate visuals to track key operational, safety, and production metrics. The course is ideal for those with no prior experience in data visualization or coding.

Objectives

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

- Understand what Power BI is and how it supports oil & gas decision-making
- Import and clean data using Power BI tools
- Create basic visualizations and dashboards to monitor performance
- Navigate reports and filter insights by asset, region, or timeframe
- Use reports to support team reviews, field briefings, and compliance audits

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Why Attend

This course is perfect for oil & gas professionals who want to build a strong foundation in data reporting. It focuses on simplicity, relevance, and practical application using industry-specific examples and tools.

Target Audience

- Field Managers, Supervisors, and Coordinators
- HSE and Operations Personnel
- Administrative and Planning Staff
- Maintenance and Reliability Leads
- Any professional new to Power BI or business intelligence tools

Individual Benefits

- Quickly learn to read and create dashboards for daily work
- Improve visibility into safety, downtime, and asset performance
- Gain confidence to join digital transformation conversations
- Prepare to advance into intermediate and advanced Power BI training

Organizational Benefits

- Promote real-time visibility of KPIs and compliance metrics
- Enable managers to self-serve reports and reduce dependency on IT
- Support standardization of reporting tools across departments
- Lay the foundation for more advanced analytics adoption

Instructional Methodology

- Simple, step-by-step guided labs
- Oil & gas-specific data scenarios and templates
- Group work and visual storytelling practice
- Printable dashboard templates and hands-on assignments

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Course Outline

DETAILED 5-DAY COURSE OUTLINE (CUSTOMIZABLE)

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: Getting Started with Power BI

Module 1: What Is Power BI? Overview for Oil & Gas Managers (07:30 – 09:30)

Module 2: Installing Power BI and Navigating the Interface (09:45 – 11:15)

Module 3: Exploring Oil & Gas Operational Data (11:30 – 01:00)

Module 4: Hands-On: Connecting to Excel & CSV Files (02:00 – 03:30)

Day 2: Cleaning and Shaping Data

Module 1: Basics of Power Query Editor (07:30 – 09:30)

Module 2: Removing Errors, Formatting Fields, and Combining Tables (09:45 – 11:15)

Module 3: Creating Simple Relationships Between Tables (11:30 – 01:00)

Module 4: Lab: Cleaning Equipment Downtime Logs (02:00 – 03:30)

Day 3: Building Your First Dashboards

Module 1: Introduction to Charts, Cards, Maps, and Tables (07:30 – 09:30)

Module 2: Visualizing Safety, Production, and Maintenance KPIs (09:45 – 11:15)

Module 3: Applying Filters and Slicers (11:30 – 01:00)

Module 4: Workshop: Creating a Basic Daily Operations Dashboard (02:00 – 03:30)

Day 4: Sharing Insights & Collaborating

Module 1: Saving Reports and Exporting to PDF/Excel (07:30 – 09:30)

Module 2: Sharing Dashboards with Teams and Executives (09:45 – 11:15)

Module 3: Embedding Reports in Presentations and Emails (11:30 – 01:00)

Module 4: Group Work: Visualizing HSE Trends for Team Briefing (02:00 – 03:30)

Day 5: Review and Real-World Application

Module 1: Dashboard Review: Safety, Downtime, and Asset Utilization (07:30 – 09:30)

Module 2: Managing Updates and Refreshing Data (09:45 – 11:15)

Module 3: Final Review and Dashboard Refinement (11:30 – 01:00)

Module 4: Final Presentations, Feedback & Certification Wrap-Up (02:00 – 03:30)

Certification

Participants will receive the **Certificate in Fundamentals of Power BI in the Oil & Gas Industry for Managers** upon successful participation and completion of project-based assignments. This certification validates foundational skills in business intelligence using Power BI.

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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In-House / Customized Training Interested in running this course for your team? Please contact us:	TEL: **+601116373203**	EMAIL: **info@mawaevents.net**

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