



# **Power BI Expert Techniques For Effective Data Analytics & Business Intelligence**

24 - 28 Aug 2027  
Paris



**AGILE LEADERS**  
Training Center



# Power BI Expert Techniques For Effective Data Analytics & Business Intelligence

**Ref.:** 25\_11998 **Date:** 24 - 28 Aug 2027 **Location:** Paris **Fees:** 5700 **Euro**

## Power BI Expert Techniques For Effective Data Analytics & Business Intelligence Overview:

Harness the power of **Power BI Expert techniques** and dive deep into the world of **Data analytics** and **Business intelligence**. This course, specifically designed for professionals keen to optimize their **Corporate BI** processes and **Self-Service Visualization**, provides an intensive journey through **Power BI deployment modes**, **Dataset design**, and many more. It sets the benchmark for **Power BI Expert Training**, combining both theory and practical skills required to excel in the industry.

### Target Audience:

- Data Analysts
- Business Intelligence Professionals
- Power BI Enthusiasts
- Corporate Strategy Executives
- IT Professionals keen on **Self-Service BI** and **Power BI Administration**

### Targeted Organizational Departments:

- IT and Data Management
- Business Analytics and Strategy
- Finance and Budgeting benefiting from **Dataset objectives**
- Marketing and Sales leveraging **Power BI visualization interactions**

### Targeted Industries:

- E-commerce massive data and **Power BI dataset optimizations**
- Healthcare patient data analytics and **Dynamic row-level security**
- Finance data governance, **Power BI Administration**, and regulatory requirements



## Course Offerings:

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

- Mastery over **Query design in Power BI** and **M queries**
- Profound understanding of **Fact tables**, **Dimension tables**, and **Data model optimization**
- Hands-on experience with **Power BI Dashboards vs. Reports** and **Power BI apps**
- Knowledge of integrating **SharePoint Online embedding in Power BI** and utilizing **Azure Analysis Services**

## Training Methodology:

Participants will delve into case studies exemplifying **Power BI visualization best practices**, engage in group work focusing on **Power BI Deployment Modes**, and participate in interactive sessions dissecting **DAX measures** and **Data source settings for Power BI**. Feedback sessions will leverage the **Power BI data model relationships** and offer insights into **Power BI content management**.

## Course Toolbox:

- **Power BI Expert Training** Workbook
- Software tools for **Dataset design** and **DirectQuery vs. Import**
- Online resources on **Power BI Report Server Deployment** and **Power BI visualization interactions**
- Templates for **Power BI data model optimization** and **Power BI Administration**

## Course Agenda:

### Day 1: Introduction and Basics of Power BI Design

- **Topic 1:** Introduction to Power BI
- **Topic 2:** Understanding Power BI Deployment Modes
- **Topic 3:** Steps in Project Discovery and Ingestion
- **Topic 4:** Utilizing a Sample Power BI Project Template
- **Topic 5:** Defining Power BI Project Roles and Responsibilities
- **Topic 6:** Overview of Power BI Licenses
- **Reflection & Review:** Recapping the Fundamentals of Power BI Design



## Day 2: Data Handling and Transformation

- **Topic 1:** Basics of Query Design per Dataset Mode
- **Topic 2:** Connecting to Data Sources and Understanding Authentication Methods
- **Topic 3:** Designing SQL Views and Working with M Queries
- **Topic 4:** Configuring Data Source Parameters for Flexibility
- **Topic 5:** Understanding Dataset Layers and Their Objectives
- **Topic 6:** Grasping the Data Model, Fact Tables, and Dimension Tables
- **Reflection & Review:** Reflecting on Data Connection and Transformation Techniques

## Day 3: DAX Measures, Reporting, and Visuals

- **Topic 1:** Introduction to DAX Measures and Using DAX Studio
- **Topic 2:** Differentiating Between Row Context, Scalar, and Table Functions
- **Topic 3:** Designing Base Measures and Configuring Security Roles
- **Topic 4:** Steps in Report Planning and Power BI Report Architecture
- **Topic 5:** Implementing Visualization Best Practices
- **Topic 6:** Designing Table, Matrix, and Map Visuals for Reports
- **Reflection & Review:** Reviewing DAX Formulations and Visualization Techniques

## Day 4: Advanced Power BI Features and Server Deployment

- **Topic 1:** Exploring Drillthrough Report Pages and Bookmarks
- **Topic 2:** Delving into the Analytics Pane and Custom Visuals
- **Topic 3:** Applying Animation Techniques in Data Storytelling
- **Topic 4:** Differentiating Between Dashboards and Reports
- **Topic 5:** Principles of Effective Dashboard Design and Navigation
- **Topic 6:** Planning for Power BI Report Server Deployment
- **Topic 7:** Installing and Configuring Power BI Report Server
- **Reflection & Review:** Assessing Advanced Features and Deployment Strategies

## Day 5: Power BI Management and Scaling

- **Topic 1:** Working with Application Workspaces and Workspace Roles
- **Topic 2:** Best Practices in Metadata Management and Version Control
- **Topic 3:** Querying DMVs from Power BI for Advanced Insights
- **Topic 4:** Understanding Content Distribution Methods in Power BI
- **Topic 5:** Techniques for Sharing Dashboards and Reports
- **Topic 6:** Integrating with SharePoint Online and Analyze in Excel
- **Topic 7:** Benefits of Power BI Premium and Analysis Services
- **Topic 8:** Configuring Premium Capacity Nodes
- **Topic 9:** Integrating and Optimizing Analysis Services Models for Large Datasets
- **Reflection & Review:** Discussing Management Practices and Scaling Techniques for Power BI



## How This Course is Different from Other Power BI Expert techniques for effective data analytics and business intelligence Courses:

This course is not just another **Power BI Expert techniques** training. It provides a holistic approach combining **Data analytics**, **Business intelligence**, and hands-on application. Participants will get hands-on experience with **Power BI apps**, dive deep into **Azure Analysis Services**, and grasp **Power BI content management**. It's a fusion of **Power BI Dataset Design Training** with real-world application, making it unparalleled in its depth and practicality.



# Training Course Categories

**Agile PM and Project Management Training Courses**

**Certified Courses By International Bodies**

**Communication and Public Relations Training Courses**

**Data Analytics Training and Data Science Courses**

**Environment & Sustainability Training Courses**

**Finance and Accounting Training Courses**

**Governance, Risk and Compliance Training Courses**

**Human Resources Training and Development Courses**

**IT Security Training & IT Training Courses**

**Leadership and Management Training Courses**

**Legal Training, Procurement and Contracting Courses**

**Maintenance Training and Engineering Training Courses**

**Marketing, Customer Relations, and Sales Courses**

**Occupational Health, Safety and Security Training Courses**

**Personal & Self-Development Training Courses**

**Quality and Operations Management Training Courses**

**Secretarial and Administration Training Courses**



## Training Cities

|                                 |                                 |                                     |
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| <b>Abu Dhabi</b><br>UAE         | <b>Accra</b><br>Ghana           | <b>Al Jubail</b><br>Saudi Arabia    |
| <b>Amman</b><br>Jordan          | <b>Amsterdam</b><br>Netherlands | <b>Athens</b><br>Greece             |
| <b>Baku</b><br>Azerbaijan       | <b>Bangkok</b><br>Thailand      | <b>Barcelona</b><br>Spain           |
| <b>Berlin</b><br>Germany        | <b>Cairo</b><br>Egypt           | <b>Cape town</b><br>South Africa    |
| <b>Casablanca</b><br>Morocco    | <b>Chicago</b><br>USA           | <b>Doha</b><br>Qatar                |
| <b>Dubai</b><br>UAE             | <b>Frankfurt</b><br>Germany     | <b>Geneva</b><br>Switzerland        |
| <b>Istanbul</b><br>Turkey       | <b>Jakarta</b><br>Indonesia     | <b>Johannesburg</b><br>South Africa |
| <b>Kuala Lumpur</b><br>Malaysia | <b>Kuwait</b><br>Kuwait         | <b>Langkawi</b><br>Malaysia         |
| <b>Lisbon</b><br>Portugal       | <b>London</b><br>UK             | <b>Madrid</b><br>Spain              |
| <b>Manama</b><br>Bahrain        | <b>Marbella</b><br>Spain        | <b>Milan</b><br>Italy               |
| <b>Montreux</b><br>Switzerland  | <b>Munich</b><br>Germany        | <b>Muscat</b><br>Oman               |
| <b>Nairobi</b><br>Kenya         | <b>New York</b><br>USA          | <b>Paris</b><br>France              |
| <b>Phuket</b><br>Thailand       | <b>Porto</b><br>Portugal        | <b>Prague</b><br>Czech Republic     |



## Training Cities

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