

# aractech

Global Learning for Operational Leaders



ACCOUNTING AND FINANCE

## Power BI: Data Visualization and Dashboards

### Contact

+31 85 7444446  
info@aractech.com  
<https://aractech.eu>

### Address

Waarderweg 50, 2031PB Haarlem - Netherlands.

# Course content

## Why Attend

Professionals are faced with the challenge of presenting data analysis on a platform where management can easily access, quickly interpret and intelligently use for decision making. Many different platforms are available but certainly Microsoft's Power BI is one of the most useful and increasingly popular tools. In this course, we will go over several functionalities used in Power BI – Desktop version to create dashboards and present data visually. A powerful tool normally used alongside Power BI is Power Query which is mainly used to get data from external sources, transform it, prepare it for analysis and automate all this process. Typically data is loaded into Power BI using Power Query which will be covered in this course as well.

## Course Methodology

- Live online course where participants will be able to interact with instructor (video and audio), view slides, collaborate with others, comment on discussions, complete assessments, activities and case studies.

## Course Objectives

- Understand features and capabilities of Power BI
- Edit and transform data imported from various sources and file types using Power Query
- Develop dynamic data visuals and dashboards using Power BI Desktop version
- Automate data reporting and dashboarding using Power BI

## Target Audience

- Business professionals, business analysts, data analysts, research analysts, finance professionals, marketing and sales professionals, HR professionals, IT professionals, administrative staff, supervisors, general business professionals and staff from any function who need to learn and apply state-of-the-art data analysis techniques to their daily business reporting and decision making.
- Target Competencies
- Creating dashboards
- Reporting, analysis and visualization

# Course outline

## Detailed course outline

Module-by-module outline for Power BI: Data Visualization and Dashboards.

### Module 1 - Get and transform – Power Query

- Get data from Excel
- Get data from TXT or CSV files
- Get data from web
- Get data from folder

### Module 2 - Transformation

- Pivoting and unpivoting
- Filtering
- Sorting
- Adding/removing columns
- Adding conditional columns

### Module 3 - Data visualization – Power BI

- Power BI report view
- Visuals
- Fields
- Basic charts
- Formatting options
- Filtering

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### Module 4 - Working with Data Models and DAX measures

- Explicit and Implicit measures
- Creating relationships between tables
- CALCULATE and RELATED functions
- Iterative functions e.g. SUMX, COUNTX, AVERAGEX

# Seminar dates

## Available seminar dates

Live dates and pricing for Power BI: Data Visualization and Dashboards generated from the course details page.

Date	Location	Format	Fee
11 - 15 May 2026	Barcelona	Classroom	€2,695
8 - 12 June 2026	Paris	Classroom	€3,150
6 - 10 July 2026	Frankfurt	Classroom	€2,275
10 - 14 August 2026	Barcelona	Classroom	€2,695
14 - 18 September 2026	Frankfurt	Classroom	€2,275
5 - 9 October 2026	Rome	Classroom	€2,975
16 - 20 November 2026	Kuala Lumpur	Classroom	€1,575

**Live online option**

Online delivery is available at €1,250.