

# Power BI – With R and Python

## Description

This training allows, through simple and complex examples, to see how to associate R and Python and the few pitfalls / limits and best practices.

## Course Content

- Module 1: Reminders for Power BI Service Subscriptions
- Module 2: Installation of MRO and Anaconda
- Module 3: Installing R packages and Python modules
- Module 4: Good practices
- Module 5: View the list of authorized R and Python packages
- Module 6: Import data with R or Python
- Module 7: Process data with R or Python
- Module 8: Import and Process Data with R or Python
- Module 9: Performance Benchmarking
- Module 10: Exporting Data with R or Python
- Module 11: Creating graphics with R (ggplot2) or Python (matplotlib)
- Module 12: Advanced Analysis
- Module 13: Machine Learning and Artificial Intelligence
- Module 14: Calling External \*.R or \*.py Scripts
- Module 15: Current Limits
- Module 16: Power BI vs. R Shiny

## Documentation

- Digital courseware included

## Participant profiles

- Engineers
- Business analysts
- Data analysts
- Financiers

## Prerequisites

- Very good knowledge of Power BI and having reached the traditional limits (both visual and DAX and M) of the latter

## Objectives

- Briefly discover the possibilities of using R and Python in combination with Power BI and particularly the use of artificial intelligence or machine learning

## Niveau

Avancé

## Classroom Registration Price (CHF)

500

## Virtual Classroom Registration Price (CHF)

475  
**Duration (in Days)**  
0.5  
**Reference**  
MPB-31