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