



Formation MS Power BI - Power BI with R and Python in Geneva, Zurich, Huston, San-Antonio, Dallas, Los Angeles, San Diego, New York, Washington, Chicago, San Francisco and anywhere in Switzerland, USA, Great Britain and Germany.

ID : 1185

Goal : The objective of this short training is to briefly discover the possibilities offered by the use of R and Python in combination with Power BI and in particular the use of artificial intelligence or machine learning. Through simple and complex examples, learners will see how to combine these two tools and the few pitfalls / limitations and good practices relating to them.

Audience : This training is mainly intended for engineers, business analysts, data analysts and

financial analysts who already know R and Python very well but want to discover how to integrate them into Power BI.

Prerequisites : Have a very solid knowledge of Power BI and have reached the classic limits (both on visuals and in DAX and M) of the latter.

Goals :

- Introduction
- Important prerequisite reminders for Power BI Service subscriptions related to R and Python
- Installation of Microsoft R Open and Anaconda
- Installing R packages and Python modules
- Best practices
- Consult the list of authorized R and Python libraries
- Import data with R or Python
- Process data with R or Python
- Performance benchmarking
- Export data (and reports) with R or Python
- Create charts with R (ggplot2) or Python (matplotlib)
- Generate paginated reports with Rmarkdown from Power BI Desktop
- Advanced analytics
- Machine Learning and Artificial Intelligence
- Call external *.R or *.py scripts
- Common limits
- Power BI vs R Shiny vs Python Dash
- Conclusion

Pedagogical method : This training is based on examples imposed by the trainer and consists of 90% practice and 10% theory.

Suggested duration for presentiel training (days) : 0.5

Suggested duration for on-line training (days) : 0.6

Daily price in face-to-face : 225 CHF

Daily price in remote : 108 CHF

Daily price in remote for students : [contact us](#) (only if student card!)

Daily price in remote (with recording) : 1125 CHF

Prices are per day per trainee without course material, without certificate, without evaluation, without exam, without training room or computer (these are each optional and must be requested in addition in the contact form for the establishment of the quote).

Tags : training, microsoft power bi desktop, ms power bi desktop, power business intelligence, r software, business intelligence, r statistics, r, machine learning, artificial intelligence, AI.

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