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# **BUSINESS INTELLIGENCE**

## ALL YOU NEED TO KNOW ABOUT MOTHODS, PROCESSES AND TOOLS

## **DESCRIPTION**

The course offers an overall vision of Business Intelligence systems, starting from the modelling of the data warehouse, to describing the main characteristics of ETL systems, to building OLAP cubes and reports.

Participants will also benefit from working with a clear methodology to undertake Business Intelligence projects, evaluate their ROI (Return on Investment), and grant the full satisfaction of end users upon project completion.

#### **MAIN TOPICS**

- Introduction to Business Intelligence
- Drafting and creating the data warehouse
- Multidimensional analysis of data
- Reporting systems
- Advanced Analytics
- Business Intelligence and Big Data
- Introduction to Big Data
- Hadoop and the Data Lake

#### **PREREQUISITES**

This is an introductory course.

### **TAKEAWAYS**

This is a very complete course on the whole Business Intelligence architecture. It is thus fundamental to anyone who wants to better understand the functioning of BI tools and the benefits of BI infrastructures.

This course can be paired with the course on reporting tools: "Power BI: beginner to advanced"

For a deeper understanding of the technical data modelling tools, we suggest the courses: "SSAS Tabular Modeling" and "Building an ETL system with SSIS".

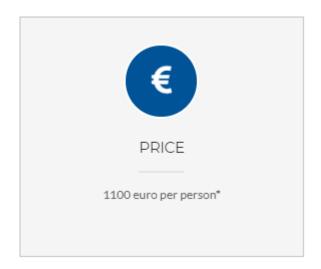
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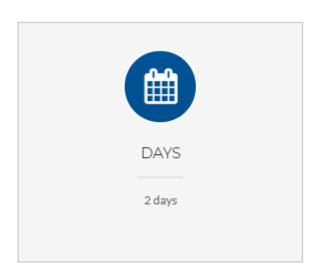
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\*Discounts applicable to groups of attenders \*Prices do not comprise travels