

---

# BIG DATA ANALYTICS

## ALL YOU NEED TO KNOW ABOUT BIG DATA

### DESCRIPTION

The realization of an architecture for managing Big Data is the first step in managing and using them in corporate systems. In order to exploit Big Data, one must know the analytical tools included in the Hadoop platform, such as MapReduce, HIVE, Pig, and Mahout. There are also tools that can be used both in conjunction with Hadoop and independently, such as Apache Spark. The course deals with the analytical tools mentioned above, by providing the participants with a good knowledge of each.

### MAIN TOPICS

- Introduction to Big Data
- The Hadoop ecosystem: HDFS, MapReduce, Pig, Hive, data ingestion systems
- Data analysis with HIVE
- Introduction to Spark
- Introduction to Predictive Analytics on Big Data: general concepts of Predictive Analytics, data preparation, algorithms, model evaluation
- Case studies

### PREREQUISITES

This is an introductory course to Big Data Analytics.


### TAKEAWAYS

The course participants will benefit from a deep understanding of how to carry out data science projects, them being in the field of Business Intelligence or Predictive Analytics, in the presence of Big Data.

The course gives the opportunity to work with real-life cases, similar to those that can be encountered within the firm. For a deeper understanding of the tools to be used when working with big data we suggest attending the course: **“Big Data Analytics with Spark”**.

# BIG DATA ANALYTICS


## ALL YOU NEED TO KNOW ABOUT BIG DATA



PRICE

---

1100 euro per person\*



DAYS

---

2 days

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