

Master's in Data Science

Course

Big Data

Description

This course will allow the student to gain the fundamentals for the analysis of large volumes of data. With an eminently practical approach, the technologies and fundamentals necessary to successfully accomplish the whole data analysis process will be presented in the context of Big Data. In particular, this course covers the whole Big Data ecosystem, from Hadoop, Pig and Hive to Tez, Spark, and Flink. Finally, the fundamentals of machine learning on large datasets through the Spark MLlib library will also be introduced.