

ADVANCED PROGRAMMING (4 ECTS)

Advanced programming is a course for students that have prior programming experience. The course teaches students how to start looking at data with the lens of a data scientist by applying efficient, well-known mining models in order to unearth useful intelligence, using Python, one of the most popular languages for Data Scientists. In this course you'll get an introduction to Data Analytics and its role in business decisions.

You'll also be introduced to a framework for conducting Data Analysis and what tools and techniques are commonly used (e.g., Pandas for Data Analysis, Seaborn for statistical plots, SciKit-Learn for Machine Learning , Finally, you'll have a chance to put your knowledge to work in a simulated business setting.

Entire course will be managed through an innovative online learning platform where students will start coding at their own pace. Initial kick off session will take place at the beginning of course explaining all mechanics
Course will use python programming language.