

Course description

Python for Data Engineers
5 ECTS
Grading: Pass/Fail
Language: English

Python is a robust programming tool for Data Engineers. This course gives you a basic understanding of the Python programming language and its libraries (e.g. NumPy, Pandas and Matplotlib) that are used by data engineers. You'll also learn about Docker and how to set up different kind of environments for Python programming and code execution. No prior knowledge of Python programming or Docker is needed.

By the end of this course, students will be able to:

- write sophisticated Python code
- control flow and handle exceptions
- clean and manipulate datasets
- generate simple visualizations
- set up dockerized environments
- work with Jupyter Notebooks