



Introduction to Python (S003)

Wednesday, February 1, 2023

Course location: Online

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Day	Time	Type	Description
Wednesday	09.30-12:40 CET	- Introductions, - Lecture and - computer lab	<ul style="list-style-type: none">- Python Overview<ul style="list-style-type: none">○ What is Python? (A Brief History of Python)○ Why Choose Python?○ What can you do with Python?- Installing Python<ul style="list-style-type: none">○ Install Anaconda Distribution for Python.○ Briefly running Jupyter Notebook.○ Exploring “no install” online options (Google Colab)- Running Python Code<ul style="list-style-type: none">○ Brief introduction to Text Editors and Full IDEs○ Notebook Environments○ Jupyter notebook○ A quick tour in Jupyter notebook (we use Jupyter Notebook in this workshop)- Python Coding 1<ul style="list-style-type: none">○ Python Object○ Python Data Structure Basics○ Python Comparison Operators○ Python Statements
	12:40-13:30	Lunch break	
	13:30-16:30	Lectures and computer labs	<ul style="list-style-type: none">- Python Coding 2<ul style="list-style-type: none">○ Methods and Functions○ A very quick tour in NumPy, Pandas and Matplotlib libraries
	16:30-17:00	More time for questions and to practice with computer lab exercises	