



Introduction to Python (S003)

February 2, 2022

Course location: Utrecht Science Park, exact location will be announced later

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Day	Time	Type	Description
Wednesday	10.00-12:40	- Introductions, - Lecture and - computer lab	<ul style="list-style-type: none"> - Python Overview <ul style="list-style-type: none"> ○ What is Python? ○ 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"> ○ Text Editors ○ 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	
	13:30-16:00	Lectures and computer labs	<ul style="list-style-type: none"> - Python Coding 2 <ul style="list-style-type: none"> ○ Methods and Functions ○ Introduction to Modules and Packages ○ A tour in NumPy library ○ A tour in Pandas library ○ A tour in Matplotlib library
	16:00-17:00	More time for questions and to practice with computer lab exercises	