

Introduction to Programming with Python Schedule

Monday, 07.10. Foundations of Python: Data Structures		Notebook
9:00-9:25	<i>Welcome & Overview</i> Introduction to the Python Data Science Stack and Jupyter Notebooks + logistics	-
09:25-10:30	Interactive Lecture: Introduction to Variable, Strings and Numbers	1.1
10:30-10:40	<i>Break</i>	
10:40-11:30	Interactive Lecture: Introduction to Lists and Tuples	1.2
11:30-12:00	Interactive Lecture: Introduction to if-statements	1.3
12:00-13:30	<i>Lunch</i>	
13:30-14:30	Interactive Lecture: Introduction to Tuples, Advanced Lists	1.4
14:30-14:40	<i>Break</i>	
14:40-15:30	Interactive Lecture: Introduction to Dictionaries	1.5
15:30-15:40	<i>Break</i>	
15:40-16:45	Assignment + discussion	ex_1 & ex_2
Tuesday, 8.10. Foundations of Python: Functions, Data Exploration and Visualization		
09:00-10:00	Interactive Lecture: Functions	2.1
10:00-10:10	<i>Break</i>	
10:10-11:20	Interactive Lecture: Introduction to Data Exploration with Pandas	2.2
11:20-12:00	Interactive Lecture: Introduction to Data Preprocessing with Pandas	2.3
12:00-13:30	<i>Lunch</i>	
13:30-14:30	Interactive Lecture: Introduction to Data Visualization	2.4
14:30-14:40	<i>Break</i>	
14:40-15:30	Interactive Lecture: Data Visualization	2.4
15:30-15:40	<i>Break</i>	
15:40-16:45	Assignment + discussion	ex_3 & ex_4