

## Schedule

**Lecture: 22 Feb - 23 Feb, Online 10 AM – 12:15 PM, 1:30 PM – 2:30 PM**

**Supervised learning: 2:45-3:45 PM**

**Office Hours: 4-5 PM**

**Zoom link:**

<https://rwth.zoom-x.de/j/66559174831?pwd=UVIJOTFzUyswZkdKMnNYdzd6VmNxQT09>

Thursday, 22.02. Foundations of Python: Data Structures and Loops		Notebook
10:00-10:20	<i>Welcome &amp; Overview</i> Introduction to the Python Data Science Stack and Jupyter Notebooks + logistics	-
10:20-11:00	Interactive Lecture: Introduction to Variable, Strings and Numbers	1.1
11:00-11:15	<i>Break</i>	
11:15-12:15	Interactive Lecture: Introduction to Lists and Dictionaries	1.2
12:15-13:30	<i>Lunch</i>	
13:30-14:30	Interactive Lecture: Introduction to If Statement and Loops	1.3
14:30-14:45	<i>Break</i>	
14:45-15:45	Supervised Learning:	Ex 1
Friday, 23.02. Foundations of Python: Functions and Data Visualization		
10:00-11:00	Interactive Lecture: Dictionaries	2.1
11:00-11:15	<i>Break</i>	
11:15-12:15	Interactive Lecture: Functions	2.2
12:15-13:30	<i>Lunch</i>	
13:30-14:30	Interactive Lecture: Introduction to Data Visualization	2.3
14:30-14:45	<i>Break</i>	
14:45-15:45	Supervised Learning	Ex 2

## Recommended readings for the course

1. <https://www.python.org/about/gettingstarted/>
2. A Byte of Python, by Swaroop C.H. An introductory text for beginners and experienced programmers looking to learn Python.
3. Python Cheat Sheet by Mosh Hamedani  
<https://programmingwithmosh.com/wp-content/uploads/2019/02/Python-Cheat-Sheet.pdf>