

Python Lab

Aim

This is a preparatory lab. The aim of the lab is to get an introduction of Python and to learn the libraries that will be used in the course.

Installing the software

The first thing that you need to do is to install python and pip on your computer. Click the link SOFTWARE on the course website and follow the instructions given at Python and Pip.

Now, you can use pip to install the libraries that we will use in the course:

- Pandas
- NumPy
- SciPy
- sklearn

To install a library open a cmd window and type: `pip install nameofthelibrary`

Reading the Python tutorial

Read the tutorial: *Preparing, manipulating and visualizing data - NumPy, pandas and matplotlib* and test yourself the code given in the examples.

Since this is a preparatory lab, in order to pass the lab write an email where you state that you read the tutorial, and send it to Pierangelo.

Would you have any question or doubt about Python, please contact Elmira Zohrevandi (elmira.zohrevandi@liu.se)