

## **Assignment 1**

1. Install **Anaconda**, <https://www.anaconda.com/download/> (**Python 3.6** version).
2. Read relevant literature on basic libraries such as **numpy** (<https://docs.scipy.org/doc/numpy-dev/user/quickstart.html>), **scipy** (<https://www.scipy.org/getting-started.html>), **matplotlib** (<http://matplotlib.org/>), **scikit-learn** (<http://scikit-learn.org/stable/>).
3. Read MATLAB to Python migration guide (uploaded to MyCourses / Moodle, <https://www.enthought.com/wp-content/uploads/Enthought-MATLAB-to-Python-White-Paper.pdf>).
4. Make a simple script (about time series) that utilizes functions from numpy, scipy and matplotlib.
5. Write a short report about your script, 4 pages max including figures and Python code.
6. Write a brief feedback (0.5 page max) by answering the questions: Was the lecture material difficult (why)? Was it unclear (why)? Was it interesting (why)? Was it relevant (why)?