NumPy
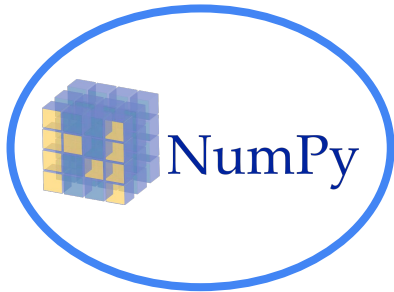
27.11.19 / Us (again)
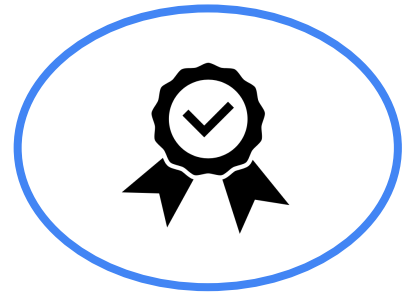
Today's Focus

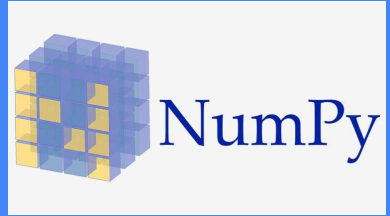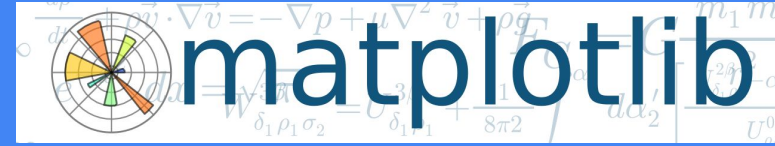

NumPy
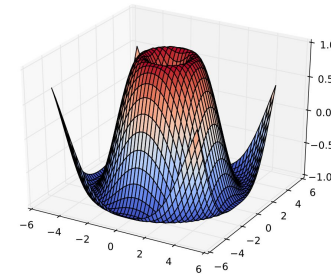
Matplotlib
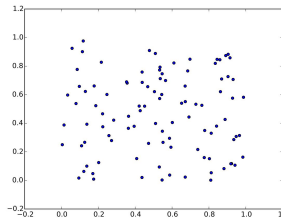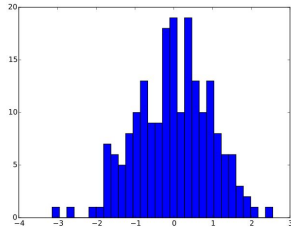
Challenges

NumPy

- Python library adding support for large, multi-dimensional arrays and matrices

- Contains built-in functions optimized for large arrays

- Contains all possible mathematical operations

- Functionality comparable to MATLAB → but open-source!!!

- A growing number of scientific packages use NumPy arrays

Matplotlib

- Python 2D plotting library which produces publication quality figures

- You can generate plots, histograms, power spectra, bar charts, etc.

- pyplot module provides a MATLAB-like interface

Today we are gonna work principally on the Jupyter Notebook, see you there!!

Google Drive link with files:
https://tinyurl.com/wjdapns

Thanks!

Python team

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