

Software Carpentry Workshop - San Sebastian 2016 - Scientific Python Lesson

Lesson: Scientific Python
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Abstract

Introductory lesson for Scientific Computing with Python based on the [SciPy](#) stack having four parts:

- A short overview to some of the [SciPy](#) ecosystem core packages.
- A short review to the [Jupyter notebooks](#) web based interactive computational environment.
- An introduction to [NumPy](#).
- A very short practical introduction to [Matplotlib](#).
- A guided hands-on demonstration of some of the [SciPy library](#) subpackages.

The participants are encouraged to follow the hands-on parts in their laptops. For this is enough with just having the [Anaconda](#) Python scientific stack installed. Please use the Python 3.4 version for your platform.

Targeted audience: scientific and technical people interested in scientific computing, data analysis, task automation,...

Content level: beginner

Audience prerequisites: basic general programming knowledge. Python knowledge is desirable but not essential if you have experience with any other programming language.

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