

Python and Jupyter Notebooks

Alexandry Augustin

aa7e14@soton.ac.uk

Learning Objectives

At the end of this session, participants should be able to:

- Perform python operations such as assigning values
- Use if statements and loops
- Use imported packages such as numpy and matplotlib
- Know where to go online for help

To start

- First, lets make sure everyone can open a jupyter notebook

- Now we need to download the tutorial : **git clone**

https://github.com/aa7e14/python_and_jupyter_notebook.git

- It will probably make sense to work together – say in groups of 3

- For programming please try to write and run the code yourselves as well – work together but all write the code

Where to get help?

- Python snippets: <https://www.w3schools.com/python/>
- Numpy quickstart tutorial: <https://docs.scipy.org/doc/numpy-1.15.1/user/quickstart.html>
- Matplotlib quickstart tutorial: https://matplotlib.org/users/pyplot_tutorial.html
- Or – google your question – someone will have had the same issue!
- Ask me !