Important resources

Learning Unix and bash

Resource	Description
http://www.ee.surrey.ac.uk/ Teaching/Unix/	Tutorial on unix and bash

Learning Python and packages

Resource	Description
https://docs.python.org/2/tutorial/	Extensive introduction to Python. We will use this for the course.
https://www.python.org	All things python
http://www.scipy-lectures.org	Another extensive tutorial. Recommended as extra reading.
http://pandas.pydata.org/pandas-docs/version/0.18.1/10min.html#min	Quick pandas intro
https://docs.scipy.org/doc/numpy-dev/user/quickstart.html	Numpy tutorial
http://matplotlib.org/users/ beginner.html	Matplotlib intro

Learning git

Resource	Description
https://help.github.com/desktop/ guides/getting-started/	Setting up github on your computer
https://guides.github.com	Good introductory tutorials

Getting help

- In the terminal, use *man* command (hint: *man man* gives help on *man*)
- In apps (such as *TextWrangler, Terminal,* and *Safari*) click on Help at the top of the screen

- Google is your friend, and copy (ctl-C) and paste (ctl-V) makes it even friendlier
- Check out StackOverflow.com
- in ipython:
  - *cmd?* gives help for "cmd" (e.g. *help?* gives help on the *help* command)
  - *cmd??* gives the code for "*cmd*"
- in python: *help(object)* gives help on "object" (e.g. *help(dict)* gives help on dictionaries)

Miscellaneous tips and tricks

in Unix

- up arrow (and down arrow) step through command history
- tab autocompletes

In python

- *txt<tab>* shows possible autocompletions, that is shows possibilities that begin with "txt"