**PubData installation on OS X**

1. Ensure that you have the latest version of XCode installed (available from the Mac App Store)
2. Install MacPorts for your version OSX: <https://www.macports.org/install.php>
3. Open a terminal, and type the following commands:

# update macports version

**sudo port selfupdate**

#installs version of python specified and pyqt4 for that version

**sudo port install py34-pyqt4**

1. To run PubData you also need nltk, the easiest way to install this is using pip, most versions of python come with pip, if you don’t have pip you can run:

#installs pip

**sudo port install py34-pip**

To get nltk run:

#installs nltk

**sudo –H pip install nltk**

1. To ensure everything in installed properly, type python enter the following:

**User:~ user$ python**

**>>> import PyQt4**

**>>> import nltk**

**>>>**

if no errors are thrown these things were all successfully installed!