**Windows**

(Tested on Windows 8)

Install Pycharm

[www.jetbrains.com](http://www.jetbrains.com)

Install Python 2.7.6 (according to windows 32 bit or 64 bit)

<https://www.python.org/download/releases/2.7.6/>

Upgrade pip to the latest version by executing following command, in command prompt, from directory where python is located

**python -m pip install -U pip**

Install Basemap 1.0.8

Download basemap from <http://www.lfd.uci.edu/~gohlke/pythonlibs/#basemap>

Save the file in the python root directory e.g. C:\Python27

Open command line in this directory and run following command

**Pip install “*name of the basemap file*”** (without quotes)

Install Numpy

Open Pycahrm and go to File -> Settings -> Project -> Project Interpreter -> Button '+'

Search for Numpy and specify the version and install

Install Matplot

Matplotlib can also be installed following the procedure similar to numpy