Setup for Python and Associated Software—Win32 Version

We use Python 2.7 since not all the packages have been updated for Python 3. We use 32-bit versions of everything since some of the packages lack 64-bit versions and we have to be consistent in the version used. (Note that 32-bit software will run on a 64-bit machine.) You should generally install software in the order listed below. They create folders under `C:\Python27\Lib\site-packages`. NumPy, SciPy, and Matplotlib are Python packages so are not relevant to the **Path** environment variable.

Python 2.7
Go to http://python.org/download/
Download and run the Python 2.7.2 Windows Installer

NumPy
Go to http://sourceforge.net/projects/numpy/files/NumPy/1.9.2/
Download and run `numpy-1.9.2-win32-superpack-python2.7.exe`

SciPy
Go to http://sourceforge.net/projects/scipy/files/scipy/0.15.1/
Download and run `scipy-0.15.1-win32-superpack-python2.7.exe`

pip (needed for scikit-learn)
This is a Python module (pip) bundled with Setuptools that lets you automatically download, build, install, and manage Python packages. pip normally works by downloading files from the internet and generally checks in the "CheeseShop," otherwise known as the Python Package Index (PyPI).
Executing an `.exe` file puts some files in `C:\Python27\Lib\site-packages\pip`. On Windows, a **pip.ex**e launcher is also installed, so that you can just type pip as long as it's on your **PATH** (check that it is); **pip.exe** is in folder `C:\Python27\Scripts`. This is what you execute. As mentioned, you should make sure that `C:\Python27\Scripts` is on you **PATH** environment variable. To find out how to update your **PATH** environment variable in Windows 7, see (for example)
   http://www.faqforge.com/windows/setting-the-path-environmental-variable-on-windows-7/
Updating your **PATH** environment variable in Windows 8 is very similar.

Matplotlib
Type command **pip install –U matplotlib**
Cashes are maintained in `C:\Users\esterlin\.matplotlib`
Doing this will install all of the dependencies.

Scikit-learn
Wheel packages (**.whl** files) for scikit-learn from PyPI can be installed with the pip utility. Open a console and type the following to install or upgrade scikit-learn to the latest stable release: **pip install -U scikit-learn**