**Managing Python Packages and environment**

**pip**- It is a standard tools for installing python packages and it comes as installed with recent versions of python.

# To check pip is installed in computer-

**Command:** pip –V

#**Note**: If pip is installed on windows but command not found error coming on cmd then add pip to you environment variables which is in scripts folder. After that restart cmd and try, if it still does’nt work then try with restarting PC.

#Installing python on linux machine-

In linux, there already be some python version installed mostly python2 and this may or may not include pip. So for installing python3 or pip, its good to use systems package manager. By using package manager it will install pip suitable for you linux distribution and also install security pactaches, but it might not be the latest version but suitable for your linux distribution.

#Note: For linux systems if you have both python2 and python3 installed on your system, then you have to install pip for both python versions because most linux distribution packages python and pip separately.

Pip homepage- <https://pip-installer.org>

The cheese shop- <https://pypi.org> (site for installing pyhon packages)

#Imp Note: when you write import statement in your python file, then it will search in sys.path variable(open python interpreter and write import <package name> and after that run sys.path).