**Python Virtual Environment**

* Python virtual environment is a tool which enables us to separate all the projects from each other without hampering each other. It is a kind of virtual container. All the dependencies can be separated by their version of choice using virtual environment.
* To start virtual environment in any project we need to follow these commands:
  + Choose the project folder, than type:

python –m venv virtual\_environment\_name

Example –> python –m venv myVenv,

python –m venv venvName

* + Than activate the virtual environment by typing:

source virtual\_environment\_name/bin/activate

Example -> source myVenv/bin/activate,

source venvName/bin/activate

* After all these if you want to use the virtual environment which being created using cmd in jupyter notebook, type:

python –m ipykernel install --user --name=virtual\_environment\_name

Example ->

python –m ipykernel install --user --name=myVenv