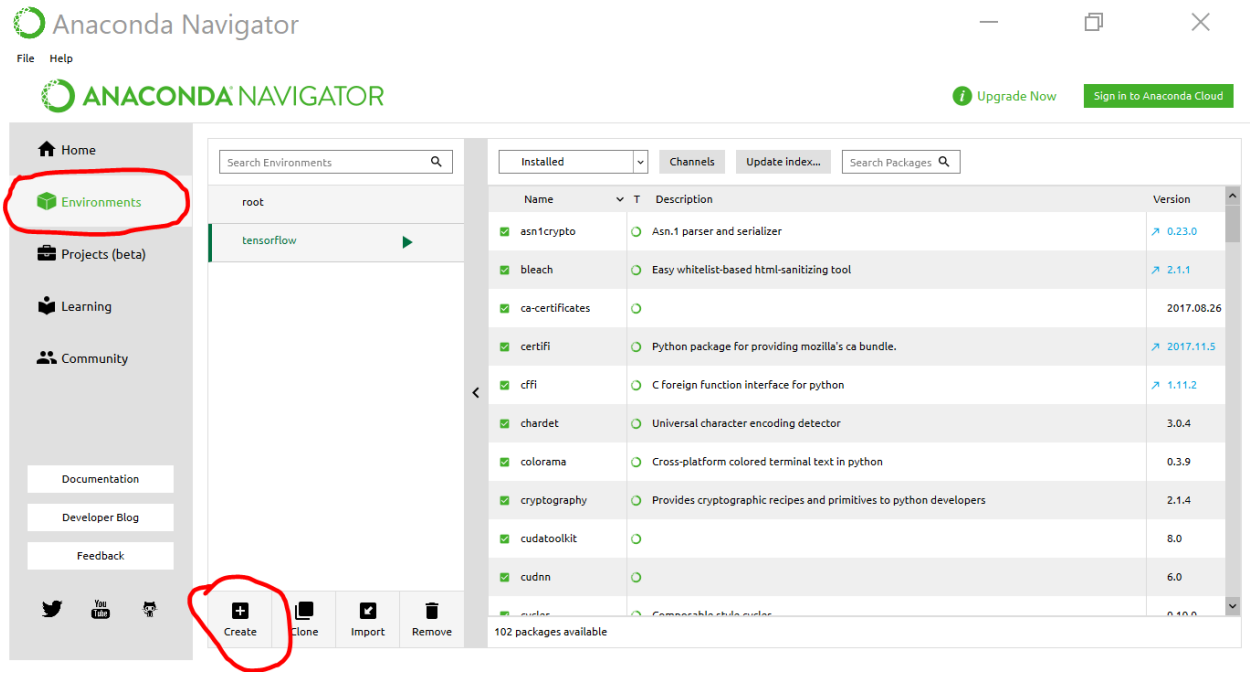
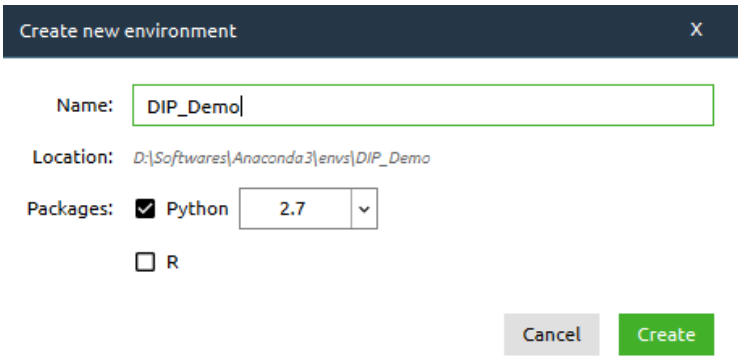
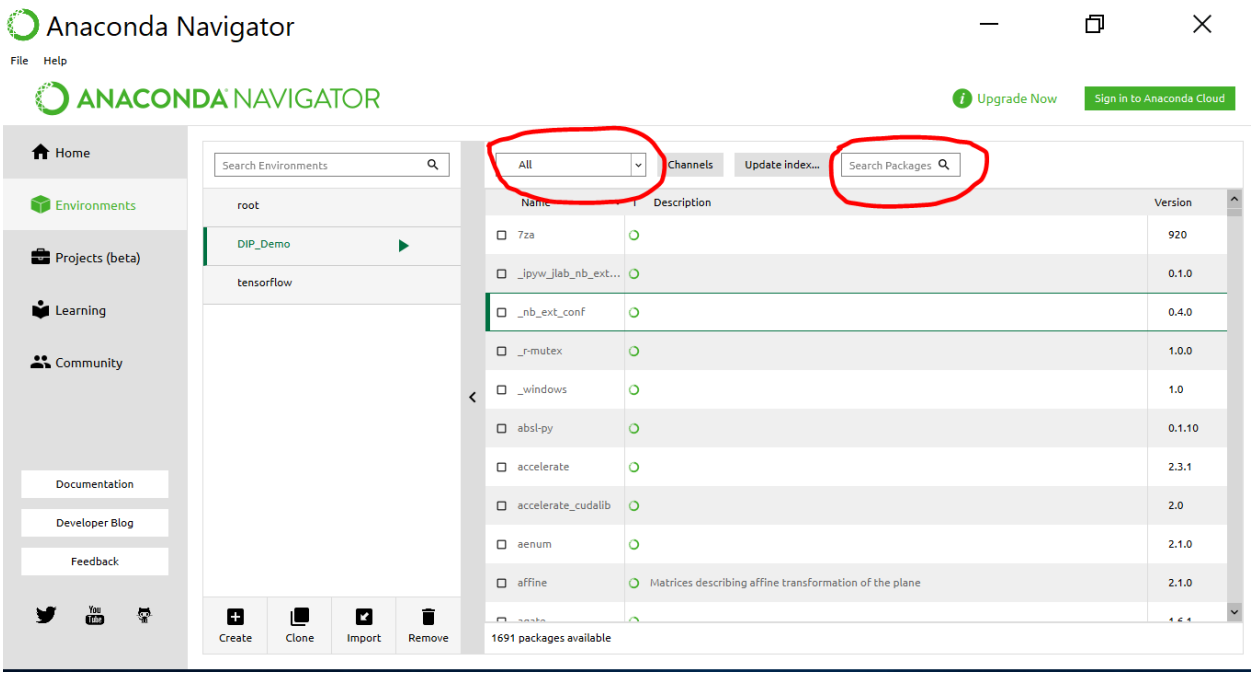
Getting Windows/Mac OS Ready for Deep Learning

1. Download and Install the Anaconda Navigator from their site (https://anaconda.org/anaconda/anaconda-navigator)
2. Create a new environment by clicking on the Create Button in the Environments Tab





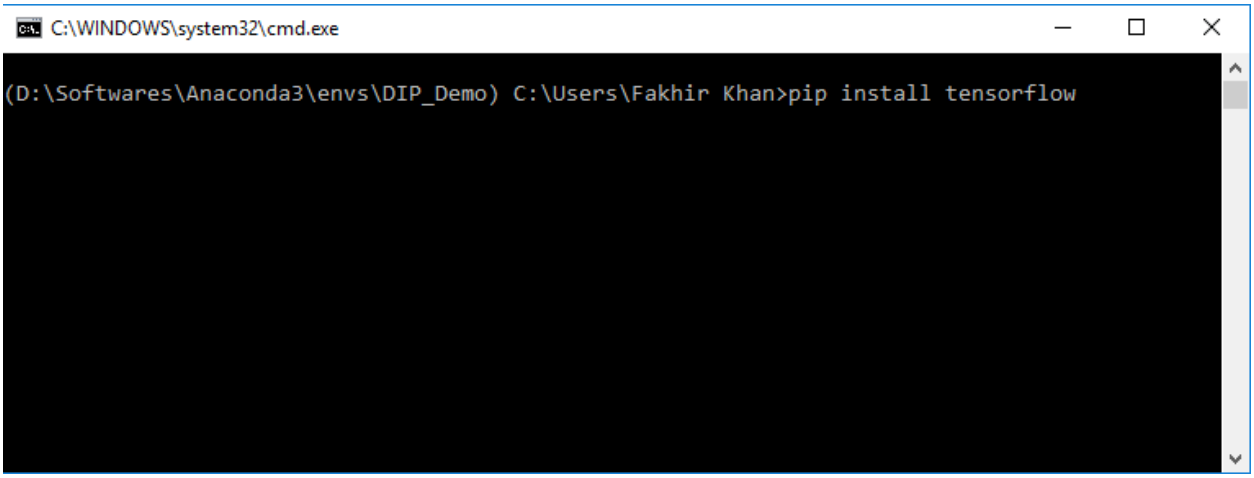
3. Install the packages using the GUI of the Anaconda Navigator or the terminal
4. For GUI installation of the packages, select All from the drop-down menu and use the search option to look for the required packages. Please make sure that the desired environment is selected in the environments panel for installation



5. Select all the required packages and then click on the apply button to complete installation.
6. Some of the recommended packages for the first install are the following

a. Tensorflow
b. Keras
c. Matplotlib
d. Opencv
e. Scikit-learn
f. Numpy
g. Pyplot
h. Graphviz
i. Notebook
j. H5py
k. Pillow
l. Hdf5
m. Jupyter
n. Pandas
o. Scipy

7. For installation through terminal (also useful if the package is not shown in the GUI), click on the play button beside the name of the desired environment and select “Open Terminal”.
8. Use the pip package to install the required packages, similar to Ubuntu Environment.



Anaconda Installation for Mac OS:

Follow the instructions for Anaconda (not Miniconda):

https://conda.io/docs/user-guide/install/macos.html

After installing Anacoda Navigator, follow the instructions to install packages mentioned above.