Pre-Requisites

Open anaconda prompt as administrator.
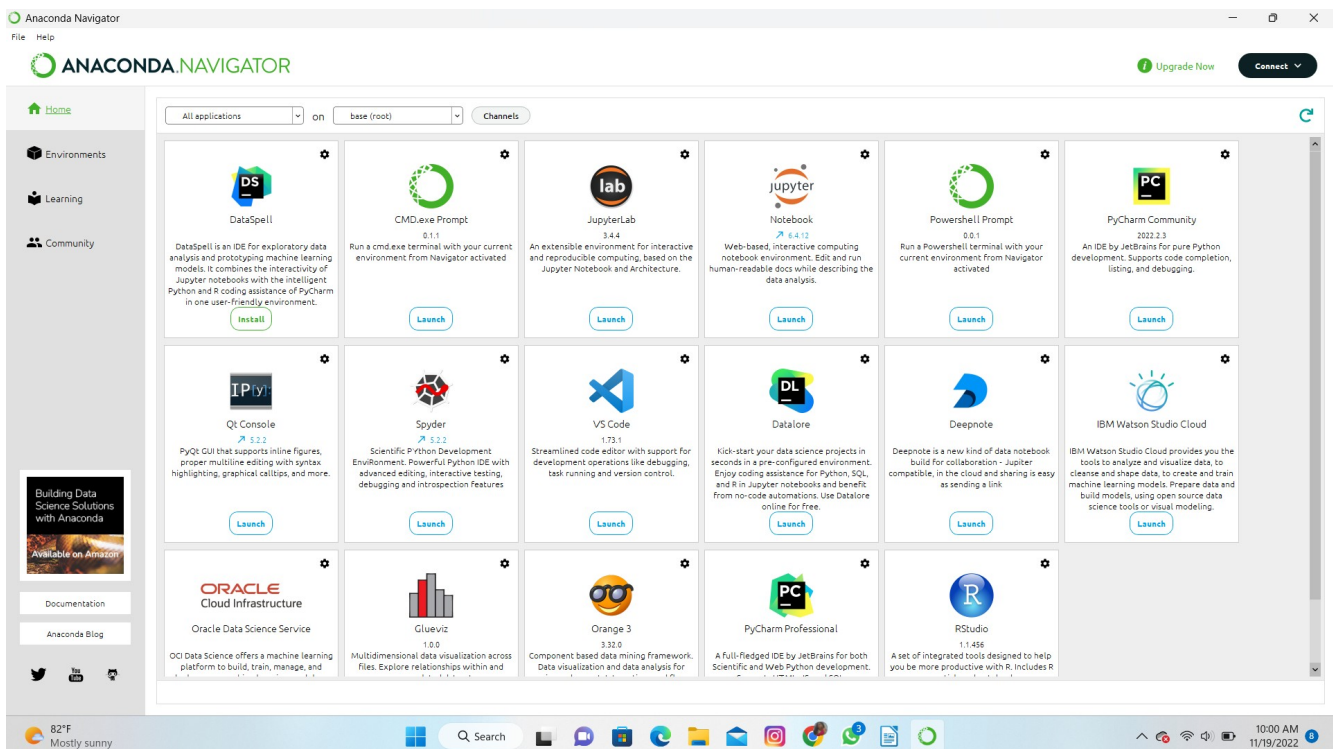
Type**"pip install tensorflow==1.14.0"**and click enter.

Type**"pip install keras=2.2.4"**and click enter.

Type**"pip install opencv-python"**and click enter.

Type**"pip install imutils"**and click enter.

Type**"pip install flask"**and click enter.

```
(base) C:\WINDOWS\system32>pip install tensorflow
Collecting tensorflow
  Downloading tensorflow-2.10.0-cp39-cp39-win_amd64.whl (455.9 MB)
     |                              | 455.9 MB 5.1 kB/s
Collecting keras<2.11,>=2.10.0
  Downloading keras-2.10.0-py2.py3-none-any.whl (1.7 MB)
     |                              | 1.7 MB 6.4 MB/s
Collecting tensorflow-io-gcs-filesystem>=0.23.1
  Downloading tensorflow_io_gcs_filesystem-0.27.0-cp39-cp39-win_amd64.whl (1.5 MB)
     |                              | 1.5 MB ...
Requirement already satisfied: setuptools in c:\users\naresh\anaconda3\lib\site-packages (from tensorflow) (61.2.0)
Requirement already satisfied: grpcio<2.0,>=1.24.3 in c:\users\naresh\anaconda3\lib\site-packages (from tensorflow) (1.42.0)
Requirement already satisfied: h5py>=2.9.0 in c:\users\naresh\anaconda3\lib\site-packages (from tensorflow) (3.6.0)
Requirement already satisfied: wrapt>=1.11.0 in c:\users\naresh\anaconda3\lib\site-packages (from tensorflow) (1.12.1)
Collecting opt-einsum>=2.3.2
  Downloading opt_einsum-3.3.0-py3-none-any.whl (65 kB)
     |                              | 65 kB 4.5 MB/s
Collecting termcolor>=1.1.0
  Downloading termcolor-2.1.0-py3-none-any.whl (5.8 kB)
Requirement already satisfied: six>=1.12.0 in c:\users\naresh\anaconda3\lib\site-packages (from tensorflow) (1.16.0)
Collecting google-pasta>=0.1.1
  Downloading google_pasta-0.2.0-py3-none-any.whl (57 kB)
     |                              | 57 kB 2.4 MB/s
Requirement already satisfied: protobuf<3.20,>=3.9.2 in c:\users\naresh\anaconda3\lib\site-packages (from tensorflow) (3.19.1)
Requirement already satisfied: typing-extensions>=3.6.6 in c:\users\naresh\anaconda3\lib\site-packages (from tensorflow) (4.1.1)
Collecting flatbuffers>=2.0
  Downloading flatbuffers-22.10.26-py2.py3-none-any.whl (26 kB)
Collecting absl-py>=1.0.0
  Downloading absl_py-1.3.0-py3-none-any.whl (124 kB)
     |                              | 124 kB 3.3 MB/s
Requirement already satisfied: numpy>=1.20 in c:\users\naresh\anaconda3\lib\site-packages (from tensorflow) (1.21.5)
Collecting gast<=0.4.0,>=0.2.1
  Downloading gast-0.4.0-py3-none-any.whl (9.8 kB)
Requirement already satisfied: packaging in c:\users\naresh\anaconda3\lib\site-packages (from tensorflow) (21.3)
Collecting astunparse>=1.6.0
  Downloading astunparse-1.6.3-py2.py3-none-any.whl (12 kB)
Collecting tensorboard<2.11,>=2.10
  Downloading tensorboard-2.10.1-py3-none-any.whl (5.9 MB)
     |                              | 5.9 MB 6.4 MB/s
Collecting libclang>=13.0.0
  Downloading libclang-14.0.6-py2.py3-none-win_amd64.whl (14.2 MB)
     |                              | 14.2 MB 6.8 MB/s
Requirement already satisfied: keras-preprocessing>=1.1.1 in c:\users\naresh\anaconda3\lib\site-packages (from tensorflow) (1.1.2)
Collecting tensorflow-estimator<2.11,>=2.10.0
  Downloading tensorflow_estimator-2.10.0-py2.py3-none-any.whl (438 kB)
     |                              | 438 kB 6.8 MB/s
Requirement already satisfied: wheel<1.0,>=0.23.0 in c:\users\naresh\anaconda3\lib\site-packages (from astunparse>=1.6.0->tensorflow) (0.37.1)
Requirement already satisfied: markdown>=2.6.8 in c:\users\naresh\anaconda3\lib\site-packages (from tensorboard<2.11,>=2.10->tensorflow) (3.3.4)
```

```
(base) C:\WINDOWS\system32>pip install keras==2.2.4
Collecting keras==2.2.4
  Downloading Keras-2.2.4-py2.py3-none-any.whl (312 kB)
     |                              | 312 kB 6.4 MB/s
Requirement already satisfied: h5py in c:\users\naresh\anaconda3\lib\site-packages (from keras==2.2.4) (3.6.0)
Collecting keras-preprocessing>=1.0.5
  Downloading Keras_Preprocessing-1.1.2-py2.py3-none-any.whl (42 kB)
     |                              | 42 kB 3.4 MB/s
Collecting keras-applications>=1.0.6
  Downloading Keras_Applications-1.0.8-py3-none-any.whl (50 kB)
     |                              | 50 kB 3.0 MB/s
Requirement already satisfied: numpy>=1.9.1 in c:\users\naresh\anaconda3\lib\site-packages (from keras==2.2.4) (1.21.5)
Requirement already satisfied: six>=1.9.0 in c:\users\naresh\anaconda3\lib\site-packages (from keras==2.2.4) (1.16.0)
Requirement already satisfied: scipy>=0.14 in c:\users\naresh\anaconda3\lib\site-packages (from keras==2.2.4) (1.7.3)
Requirement already satisfied: pyyaml in c:\users\naresh\anaconda3\lib\site-packages (from keras==2.2.4) (6.0)
Installing collected packages: keras-preprocessing, keras-applications, keras
Successfully installed keras-2.2.4 keras-applications-1.0.8 keras-preprocessing-1.1.2

(base) C:\WINDOWS\system32>
```