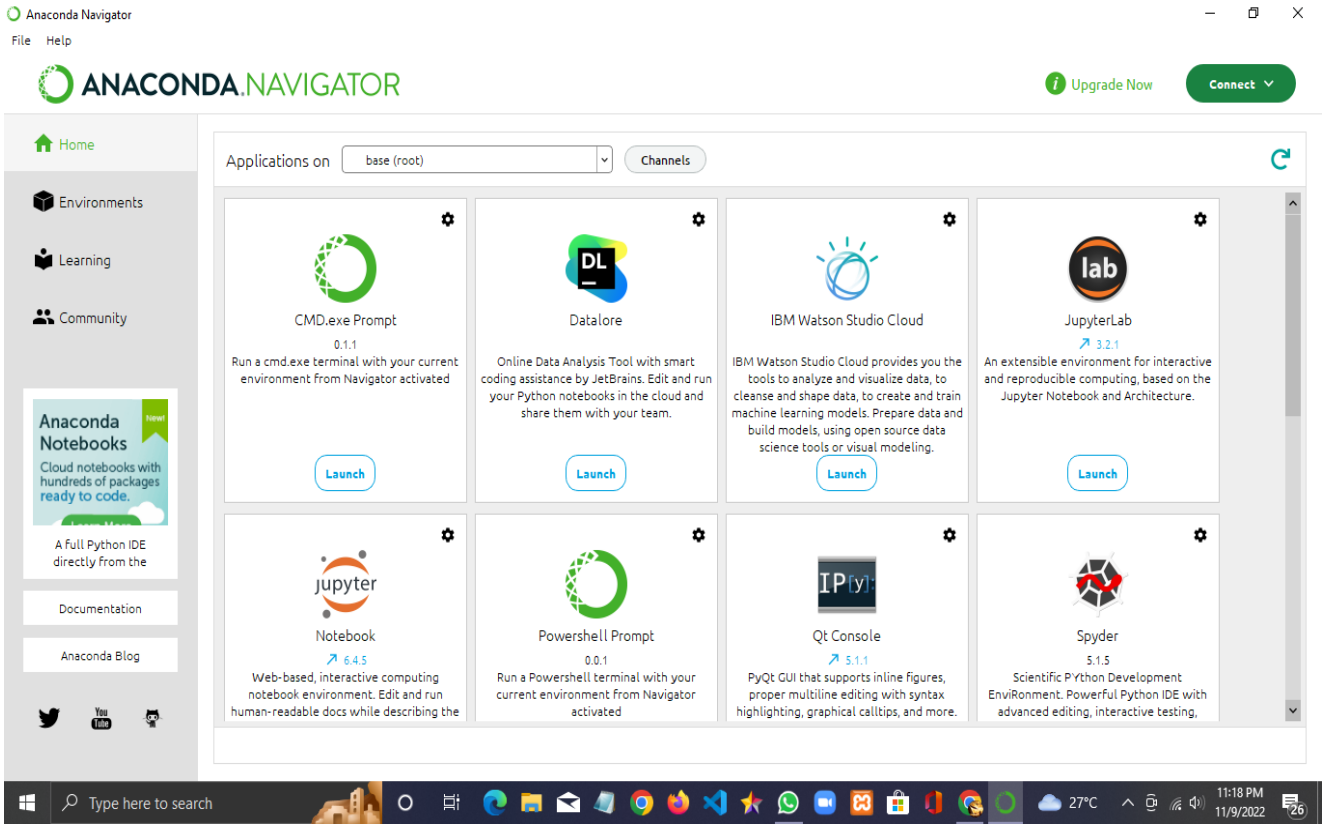
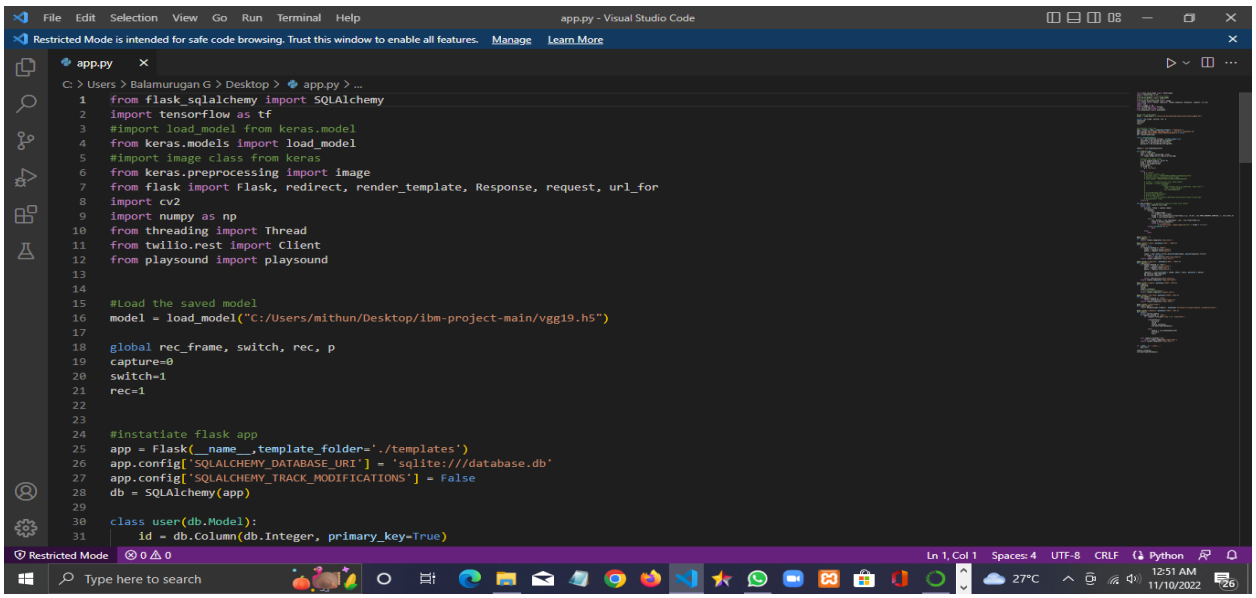
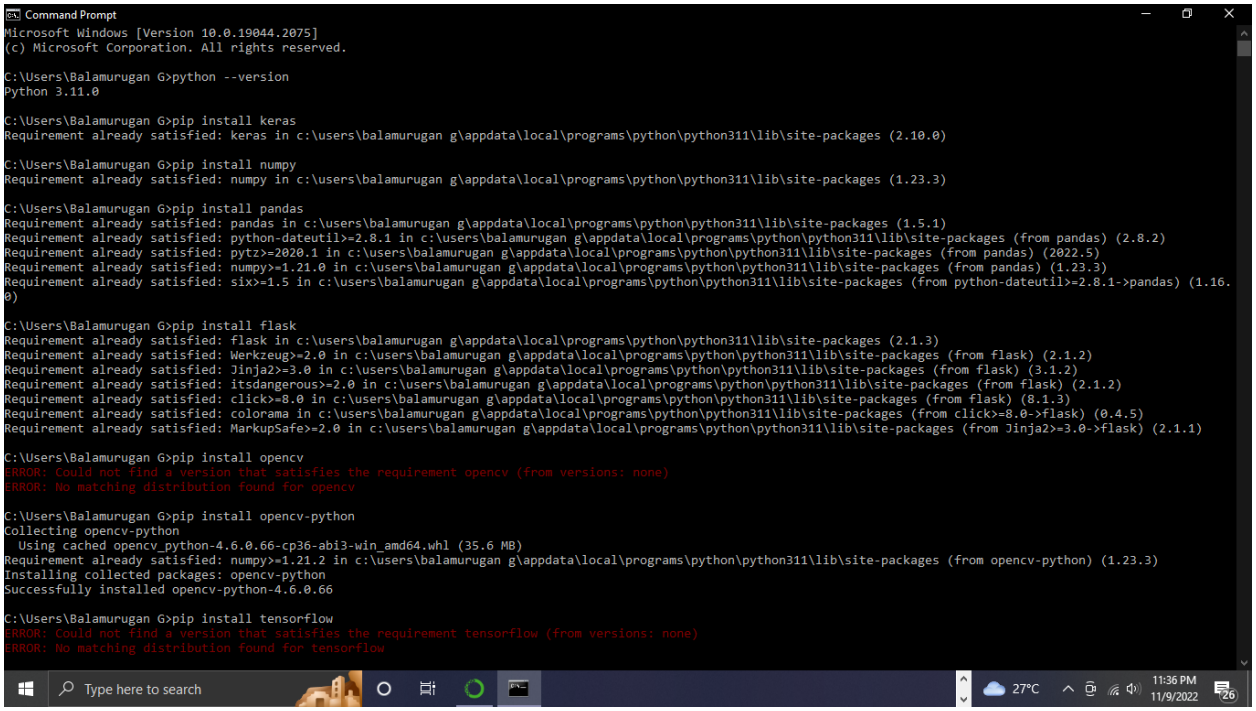
Anaconda



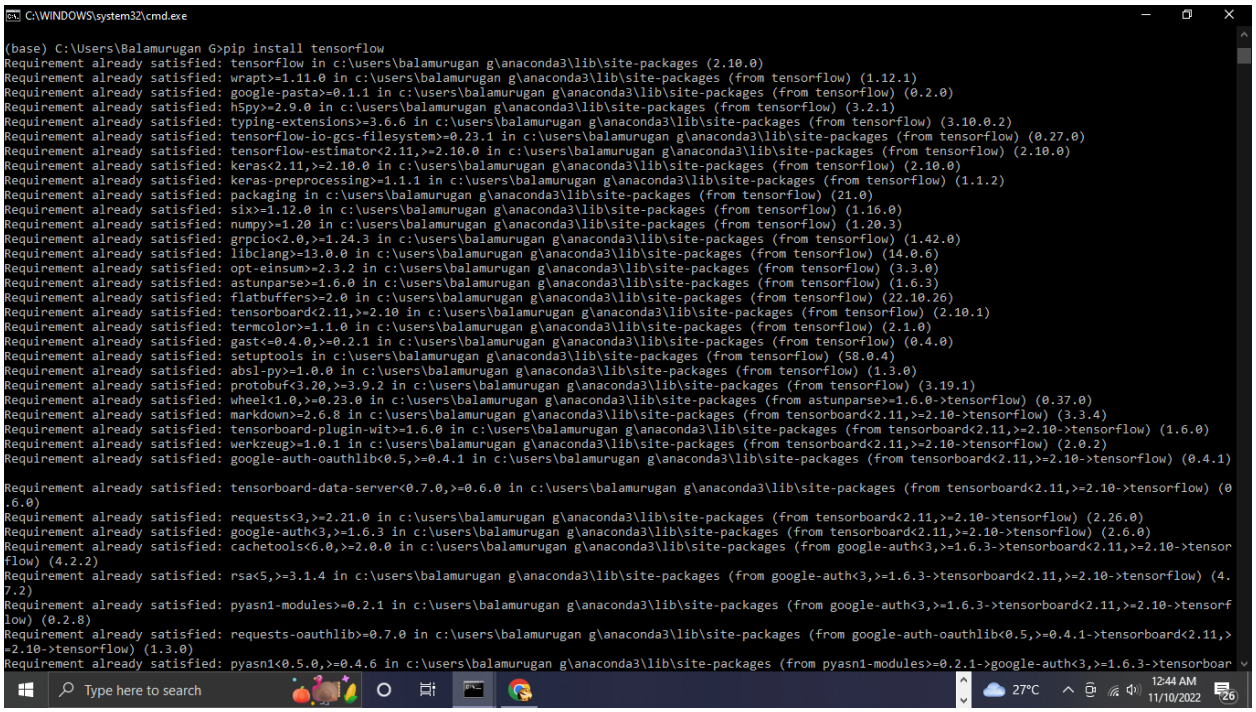
Visual Studio Code



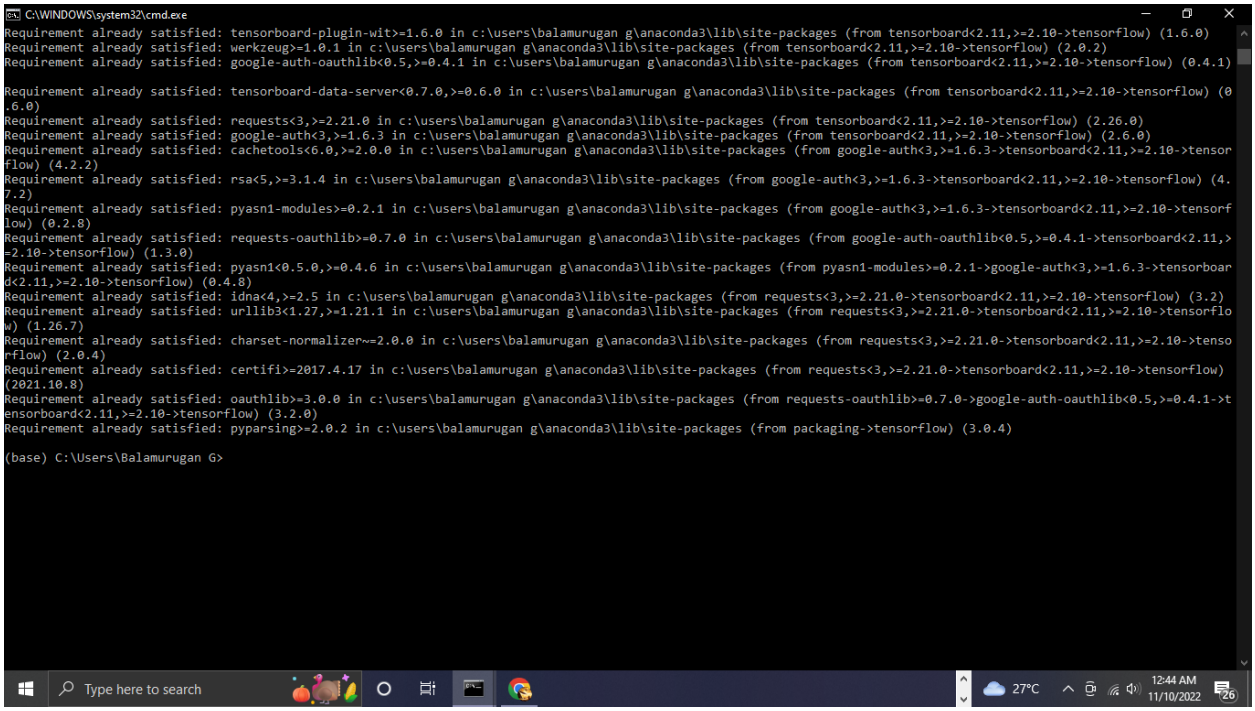
Required libraries

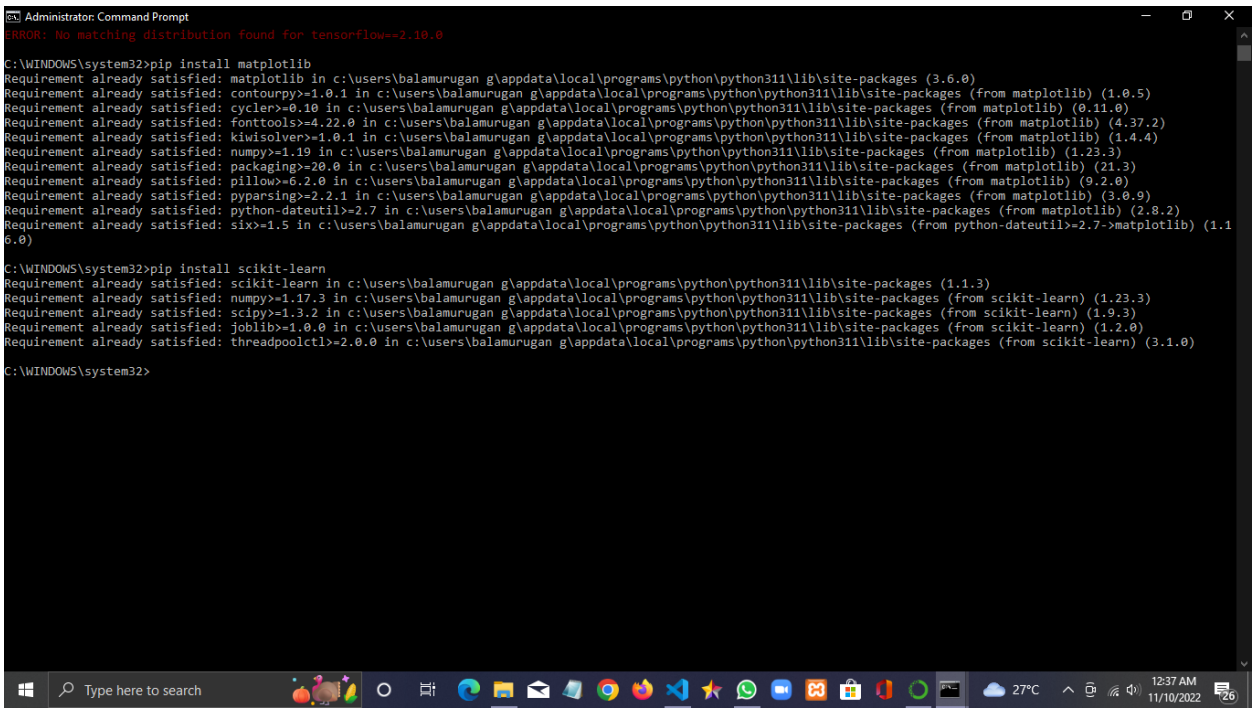


```
Command Prompt
Microsoft Windows [Version 10.0.19044.2075]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Balamurugan G>python --version
Python 3.11.0

C:\Users\Balamurugan G>pip install keras
Requirement already satisfied: keras in c:\users\balamurugan g\appdata\local\programs\python\python311\lib\site-packages (2.10.0)

C:\Users\Balamurugan G>pip install numpy
Requirement already satisfied: numpy in c:\users\balamurugan g\appdata\local\programs\python\python311\lib\site-packages (1.23.3)

C:\Users\Balamurugan G>pip install pandas
Requirement already satisfied: pandas in c:\users\balamurugan g\appdata\local\programs\python\python311\lib\site-packages (1.5.1)
Requirement already satisfied: python-dateutil>=2.8.1 in c:\users\balamurugan g\appdata\local\programs\python\python311\lib\site-packages (from pandas) (2.8.2)
Requirement already satisfied: pytz>=2020.1 in c:\users\balamurugan g\appdata\local\programs\python\python311\lib\site-packages (from pandas) (2022.5)
Requirement already satisfied: numpy>=1.21.0 in c:\users\balamurugan g\appdata\local\programs\python\python311\lib\site-packages (from pandas) (1.23.3)
Requirement already satisfied: six>=1.5 in c:\users\balamurugan g\appdata\local\programs\python\python311\lib\site-packages (from python-dateutil>=2.8.1->pandas) (1.16.
0)

C:\Users\Balamurugan G>pip install flask
Requirement already satisfied: flask in c:\users\balamurugan g\appdata\local\programs\python\python311\lib\site-packages (2.1.3)
Requirement already satisfied: Werkzeug>=2.0 in c:\users\balamurugan g\appdata\local\programs\python\python311\lib\site-packages (from flask) (2.1.2)
Requirement already satisfied: Jinja2>=3.0 in c:\users\balamurugan g\appdata\local\programs\python\python311\lib\site-packages (from flask) (3.1.2)
Requirement already satisfied: itsdangerous>=2.0 in c:\users\balamurugan g\appdata\local\programs\python\python311\lib\site-packages (from flask) (2.1.2)
Requirement already satisfied: click>=8.0 in c:\users\balamurugan g\appdata\local\programs\python\python311\lib\site-packages (from flask) (8.1.3)
Requirement already satisfied: colorama in c:\users\balamurugan g\appdata\local\programs\python\python311\lib\site-packages (from click>=8.0->flask) (0.4.5)
Requirement already satisfied: MarkupSafe>=2.0 in c:\users\balamurugan g\appdata\local\programs\python\python311\lib\site-packages (from Jinja2>=3.0->flask) (2.1.1)

C:\Users\Balamurugan G>pip install opencv
ERROR: Could not find a version that satisfies the requirement opencv (from versions: none)
ERROR: No matching distribution found for opencv

C:\Users\Balamurugan G>pip install opencv-python
Collecting opencv-python
  Using cached opencv_python-4.6.0.66-cp36-abi3-win_amd64.whl (35.6 MB)
Requirement already satisfied: numpy>=1.21.2 in c:\users\balamurugan g\appdata\local\programs\python\python311\lib\site-packages (from opencv-python) (1.23.3)
Installing collected packages: opencv-python
Successfully installed opencv-python-4.6.0.66

C:\Users\Balamurugan G>pip install tensorflow
ERROR: Could not find a version that satisfies the requirement tensorflow (from versions: none)
ERROR: No matching distribution found for tensorflow
```



```
C:\WINDOWS\system32\cmd.exe

(base) C:\Users\Balamurugan G>pip install tensorflow
Requirement already satisfied: tensorflow in c:\users\balamurugan g\anaconda3\lib\site-packages (2.10.0)
Requirement already satisfied: wrapt>=1.11.0 in c:\users\balamurugan g\anaconda3\lib\site-packages (from tensorflow) (1.12.1)
Requirement already satisfied: google-pasta>=0.1.1 in c:\users\balamurugan g\anaconda3\lib\site-packages (from tensorflow) (0.2.0)
Requirement already satisfied: h5py>=2.9.0 in c:\users\balamurugan g\anaconda3\lib\site-packages (from tensorflow) (3.2.1)
Requirement already satisfied: typing-extensions>=3.6.6 in c:\users\balamurugan g\anaconda3\lib\site-packages (from tensorflow) (3.10.0.2)
Requirement already satisfied: tensorflow-io-gcs-filesystem>=0.23.1 in c:\users\balamurugan g\anaconda3\lib\site-packages (from tensorflow) (0.27.0)
Requirement already satisfied: tensorflow-estimator<2.11,>=2.10.0 in c:\users\balamurugan g\anaconda3\lib\site-packages (from tensorflow) (2.10.0)
Requirement already satisfied: keras<2.11,>=2.10.0 in c:\users\balamurugan g\anaconda3\lib\site-packages (from tensorflow) (2.10.0)
Requirement already satisfied: keras-preprocessing>=1.1.1 in c:\users\balamurugan g\anaconda3\lib\site-packages (from tensorflow) (1.1.2)
Requirement already satisfied: packaging in c:\users\balamurugan g\anaconda3\lib\site-packages (from tensorflow) (21.0)
Requirement already satisfied: six>=1.12.0 in c:\users\balamurugan g\anaconda3\lib\site-packages (from tensorflow) (1.16.0)
Requirement already satisfied: numpy>=1.20 in c:\users\balamurugan g\anaconda3\lib\site-packages (from tensorflow) (1.20.3)
Requirement already satisfied: grpcio<2.0,>=1.24.3 in c:\users\balamurugan g\anaconda3\lib\site-packages (from tensorflow) (1.42.0)
Requirement already satisfied: libclang>=13.0.0 in c:\users\balamurugan g\anaconda3\lib\site-packages (from tensorflow) (14.0.6)
Requirement already satisfied: opt-einsum>=2.3.2 in c:\users\balamurugan g\anaconda3\lib\site-packages (from tensorflow) (3.3.0)
Requirement already satisfied: astunparse>=1.6.0 in c:\users\balamurugan g\anaconda3\lib\site-packages (from tensorflow) (1.6.3)
Requirement already satisfied: flatbuffers>=2.0 in c:\users\balamurugan g\anaconda3\lib\site-packages (from tensorflow) (22.10.26)
Requirement already satisfied: tensorboard<2.11,>=2.10 in c:\users\balamurugan g\anaconda3\lib\site-packages (from tensorflow) (2.10.1)
Requirement already satisfied: termcolor>=1.1.0 in c:\users\balamurugan g\anaconda3\lib\site-packages (from tensorflow) (2.1.0)
Requirement already satisfied: gast<=0.4.0,>=0.2.1 in c:\users\balamurugan g\anaconda3\lib\site-packages (from tensorflow) (0.4.0)
Requirement already satisfied: setuptools in c:\users\balamurugan g\anaconda3\lib\site-packages (from tensorflow) (58.0.4)
Requirement already satisfied: absl-py>=1.0.0 in c:\users\balamurugan g\anaconda3\lib\site-packages (from tensorflow) (1.3.0)
Requirement already satisfied: protobuf<3.20,>=3.9.2 in c:\users\balamurugan g\anaconda3\lib\site-packages (from tensorflow) (3.19.1)
Requirement already satisfied: wheel<1.0,>=0.23.0 in c:\users\balamurugan g\anaconda3\lib\site-packages (from astunparse>=1.6.0->tensorflow) (0.37.0)
Requirement already satisfied: markdown>=2.6.8 in c:\users\balamurugan g\anaconda3\lib\site-packages (from tensorboard<2.11,>=2.10->tensorflow) (3.3.4)
Requirement already satisfied: tensorboard-plugin-wit>=1.6.0 in c:\users\balamurugan g\anaconda3\lib\site-packages (from tensorboard<2.11,>=2.10->tensorflow) (1.6.0)
Requirement already satisfied: werkzeug>=1.0.1 in c:\users\balamurugan g\anaconda3\lib\site-packages (from tensorboard<2.11,>=2.10->tensorflow) (2.0.2)
Requirement already satisfied: google-auth-oauthlib<0.5,>=0.4.1 in c:\users\balamurugan g\anaconda3\lib\site-packages (from tensorboard<2.11,>=2.10->tensorflow) (0.4.1)

Requirement already satisfied: tensorboard-data-server<0.7.0,>=0.6.0 in c:\users\balamurugan g\anaconda3\lib\site-packages (from tensorboard<2.11,>=2.10->tensorflow) (0
.6.0)
Requirement already satisfied: requests<3,>=2.21.0 in c:\users\balamurugan g\anaconda3\lib\site-packages (from tensorboard<2.11,>=2.10->tensorflow) (2.26.0)
Requirement already satisfied: google-auth<3,>=1.6.3 in c:\users\balamurugan g\anaconda3\lib\site-packages (from tensorboard<2.11,>=2.10->tensorflow) (2.6.0)
Requirement already satisfied: cachetools<6.0,>=2.0.0 in c:\users\balamurugan g\anaconda3\lib\site-packages (from google-auth<3,>=1.6.3->tensorboard<2.11,>=2.10->tensor
flow) (4.2.2)
Requirement already satisfied: rsa<5,>=3.1.4 in c:\users\balamurugan g\anaconda3\lib\site-packages (from google-auth<3,>=1.6.3->tensorboard<2.11,>=2.10->tensorflow) (4.
7.2)
Requirement already satisfied: pyasn1-modules>=0.2.1 in c:\users\balamurugan g\anaconda3\lib\site-packages (from google-auth<3,>=1.6.3->tensorboard<2.11,>=2.10->tensorf
low) (0.2.8)
Requirement already satisfied: requests-oauthlib>=0.7.0 in c:\users\balamurugan g\anaconda3\lib\site-packages (from google-auth-oauthlib<0.5,>=0.4.1->tensorboard<2.11,>
=2.10->tensorflow) (1.3.0)
Requirement already satisfied: pyasn1<0.5.0,>=0.4.6 in c:\users\balamurugan g\anaconda3\lib\site-packages (from pyasn1-modules>=0.2.1->google-auth<3,>=1.6.3->tensorboar
```


C:\WINDOWS\system32\cmd.exe
Requirement already satisfied: tensorboard-plugin-wit>=1.6.0 in c:\users\balamurugan g\anaconda3\lib\site-packages (from tensorboard<2.11,>=2.10->tensorflow) (1.6.0)
Requirement already satisfied: werkzeug>=1.0.1 in c:\users\balamurugan g\anaconda3\lib\site-packages (from tensorboard<2.11,>=2.10->tensorflow) (2.0.2)
Requirement already satisfied: google-auth-oauthlib<0.5,>=0.4.1 in c:\users\balamurugan g\anaconda3\lib\site-packages (from tensorboard<2.11,>=2.10->tensorflow) (0.4.1)
Requirement already satisfied: tensorboard-data-server<0.7.0,>=0.6.0 in c:\users\balamurugan g\anaconda3\lib\site-packages (from tensorboard<2.11,>=2.10->tensorflow) (0.6.0)
Requirement already satisfied: requests<3,>=2.21.0 in c:\users\balamurugan g\anaconda3\lib\site-packages (from tensorboard<2.11,>=2.10->tensorflow) (2.26.0)
Requirement already satisfied: google-auth<3,>=1.6.3 in c:\users\balamurugan g\anaconda3\lib\site-packages (from tensorboard<2.11,>=2.10->tensorflow) (2.6.0)
Requirement already satisfied: cachetools<6.0,>=2.0.0 in c:\users\balamurugan g\anaconda3\lib\site-packages (from google-auth<3,>=1.6.3->tensorboard<2.11,>=2.10->tensorflow) (4.2.2)
Requirement already satisfied: rsa<5,>=3.1.4 in c:\users\balamurugan g\anaconda3\lib\site-packages (from google-auth<3,>=1.6.3->tensorboard<2.11,>=2.10->tensorflow) (4.7.2)
Requirement already satisfied: pyasn1-modules>=0.2.1 in c:\users\balamurugan g\anaconda3\lib\site-packages (from google-auth<3,>=1.6.3->tensorboard<2.11,>=2.10->tensorflow) (0.2.8)
Requirement already satisfied: requests-oauthlib>=0.7.0 in c:\users\balamurugan g\anaconda3\lib\site-packages (from google-auth-oauthlib<0.5,>=0.4.1->tensorboard<2.11,>=2.10->tensorflow) (1.3.0)
Requirement already satisfied: pyasn1<0.5.0,>=0.4.6 in c:\users\balamurugan g\anaconda3\lib\site-packages (from pyasn1-modules>=0.2.1->google-auth<3,>=1.6.3->tensorboard<2.11,>=2.10->tensorflow) (0.4.8)
Requirement already satisfied: idna<4,>=2.5 in c:\users\balamurugan g\anaconda3\lib\site-packages (from requests<3,>=2.21.0->tensorboard<2.11,>=2.10->tensorflow) (3.2)
Requirement already satisfied: urllib3<1.27,>=1.21.1 in c:\users\balamurugan g\anaconda3\lib\site-packages (from requests<3,>=2.21.0->tensorboard<2.11,>=2.10->tensorflow) (1.26.7)
Requirement already satisfied: charset-normalizer~=2.0.0 in c:\users\balamurugan g\anaconda3\lib\site-packages (from requests<3,>=2.21.0->tensorboard<2.11,>=2.10->tensorflow) (2.0.4)
Requirement already satisfied: certifi>=2017.4.17 in c:\users\balamurugan g\anaconda3\lib\site-packages (from requests<3,>=2.21.0->tensorboard<2.11,>=2.10->tensorflow) (2021.10.8)
Requirement already satisfied: oauthlib>=3.0.0 in c:\users\balamurugan g\anaconda3\lib\site-packages (from requests-oauthlib>=0.7.0->google-auth-oauthlib<0.5,>=0.4.1->tensorboard<2.11,>=2.10->tensorflow) (3.2.0)
Requirement already satisfied: pyparsing>=2.0.2 in c:\users\balamurugan g\anaconda3\lib\site-packages (from packaging->tensorflow) (3.0.4)
(base) C:\Users\Balamurugan G>
Type here to search
27°C
12:44 AM
11/10/2022


Administrator: Command Prompt
ERROR: No matching distribution found for tensorflow==2.10.0
C:\WINDOWS\system32>pip install matplotlib
Requirement already satisfied: matplotlib in c:\users\balamurugan g\appdata\local\programs\python\python311\lib\site-packages (3.6.0)
Requirement already satisfied: contourpy>=1.0.1 in c:\users\balamurugan g\appdata\local\programs\python\python311\lib\site-packages (from matplotlib) (1.0.5)
Requirement already satisfied: cycler>=0.10 in c:\users\balamurugan g\appdata\local\programs\python\python311\lib\site-packages (from matplotlib) (0.11.0)
Requirement already satisfied: fonttools>=4.22.0 in c:\users\balamurugan g\appdata\local\programs\python\python311\lib\site-packages (from matplotlib) (4.37.2)
Requirement already satisfied: kiwisolver>=1.0.1 in c:\users\balamurugan g\appdata\local\programs\python\python311\lib\site-packages (from matplotlib) (1.4.4)
Requirement already satisfied: numpy>=1.19 in c:\users\balamurugan g\appdata\local\programs\python\python311\lib\site-packages (from matplotlib) (1.23.3)
Requirement already satisfied: packaging>=20.0 in c:\users\balamurugan g\appdata\local\programs\python\python311\lib\site-packages (from matplotlib) (21.3)
Requirement already satisfied: pillow>=6.2.0 in c:\users\balamurugan g\appdata\local\programs\python\python311\lib\site-packages (from matplotlib) (9.2.0)
Requirement already satisfied: pyparsing>=2.2.1 in c:\users\balamurugan g\appdata\local\programs\python\python311\lib\site-packages (from matplotlib) (3.0.9)
Requirement already satisfied: python-dateutil>=2.7 in c:\users\balamurugan g\appdata\local\programs\python\python311\lib\site-packages (from matplotlib) (2.8.2)
Requirement already satisfied: six>=1.5 in c:\users\balamurugan g\appdata\local\programs\python\python311\lib\site-packages (from python-dateutil>=2.7->matplotlib) (1.16.0)
C:\WINDOWS\system32>pip install scikit-learn
Requirement already satisfied: scikit-learn in c:\users\balamurugan g\appdata\local\programs\python\python311\lib\site-packages (1.1.3)
Requirement already satisfied: numpy>=1.17.3 in c:\users\balamurugan g\appdata\local\programs\python\python311\lib\site-packages (from scikit-learn) (1.23.3)
Requirement already satisfied: scipy>=1.3.2 in c:\users\balamurugan g\appdata\local\programs\python\python311\lib\site-packages (from scikit-learn) (1.9.3)
Requirement already satisfied: joblib>=1.0.0 in c:\users\balamurugan g\appdata\local\programs\python\python311\lib\site-packages (from scikit-learn) (1.2.0)
Requirement already satisfied: threadpoolctl>=2.0.0 in c:\users\balamurugan g\appdata\local\programs\python\python311\lib\site-packages (from scikit-learn) (3.1.0)
C:\WINDOWS\system32>
Type here to search
27°C
12:37 AM
11/10/2022