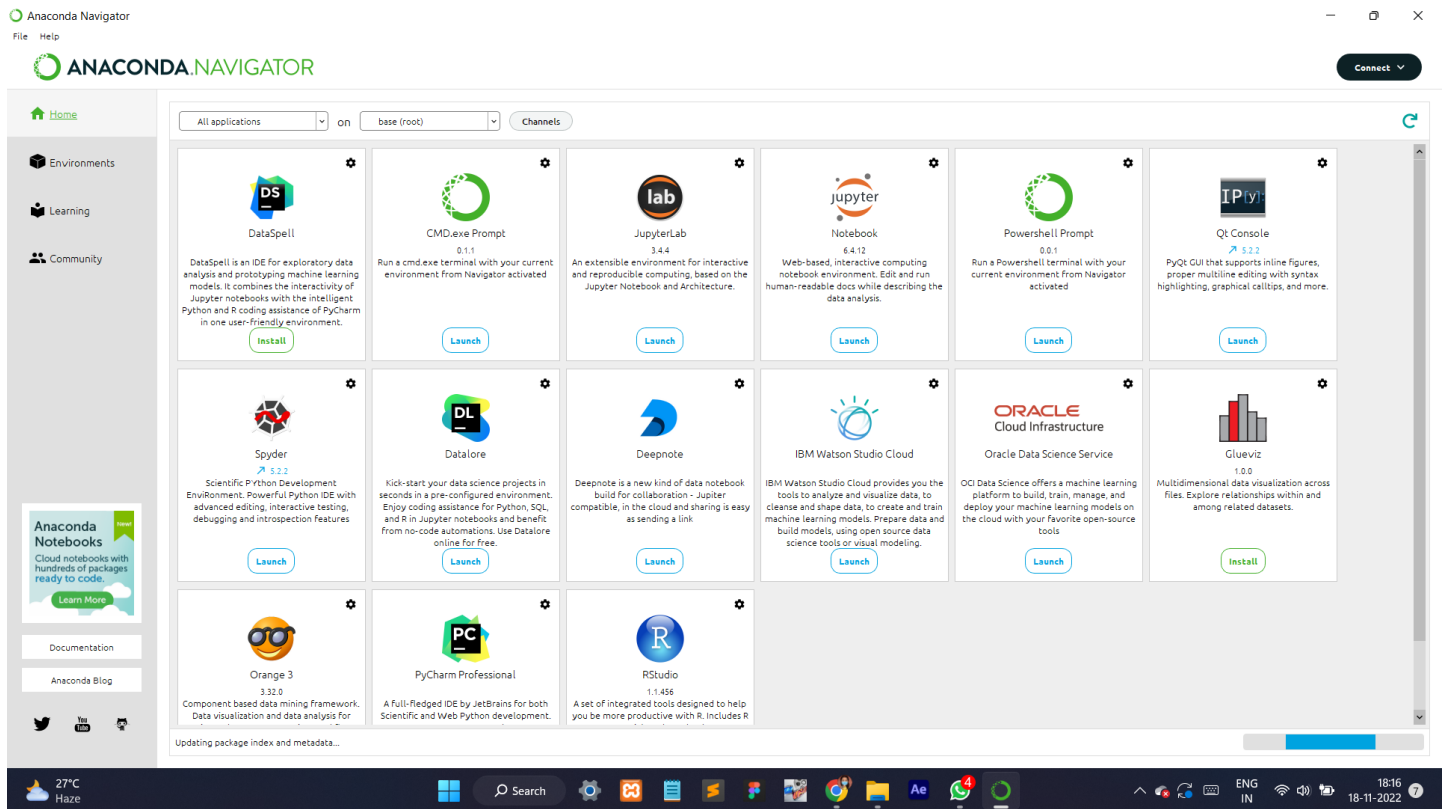


Anaconda Installation:



Install Tensorflow :

```
Administrator: Anaconda Prompt (anaconda3)

(base) C:\Windows\system32>pip install tensorflow
Collecting tensorflow
  Downloading tensorflow-2.11.0-cp39-cp39-win_amd64.whl (1.9 kB)
Collecting tensorflow-intel==2.11.0
  Downloading tensorflow_intel-2.11.0-cp39-cp39-win_amd64.whl (266.3 MB)
----- 266.3/266.3 MB 2.4 MB/s eta 0:00:00
Collecting opt_einsum==2.3.2
  Using cached opt_einsum-3.3.0-py3-none-any.whl (65 kB)
Collecting flatbuffers==2.0
  Downloading flatbuffers-22.10.26-py2.py3-none-any.whl (26 kB)
Requirement already satisfied: packaging in c:\users\vasug\anaconda3\lib\site-packages (from tensorflow-intel==2.11.0->tensorflow) (21.3)
Collecting tensorflow-io-gcs-filesystem==0.23.1
  Downloading tensorflow_io_gcs_filesystem-0.27.0-cp39-cp39-win_amd64.whl (1.5 MB)
----- 1.5/1.5 MB 3.5 MB/s eta 0:00:00
Collecting termcolor==1.1.0
  Downloading termcolor-2.1.0-py3-none-any.whl (5.8 kB)
Collecting google_pasta==0.1.1
  Using cached google_pasta-0.2.0-py3-none-any.whl (57 kB)
Collecting libclang==13.0.0
  Downloading libclang-14.0.6-py2.py3-none-win_amd64.whl (14.2 MB)
----- 14.2/14.2 MB 3.1 MB/s eta 0:00:00
Requirement already satisfied: six>=1.12.0 in c:\users\vasug\anaconda3\lib\site-packages (from tensorflow-intel==2.11.0->tensorflow) (1.16.0)
Collecting gast<0.4.0,>=0.2.1
  Using cached gast-0.4.0-py3-none-any.whl (9.8 kB)
Requirement already satisfied: h5py>=2.9.0 in c:\users\vasug\anaconda3\lib\site-packages (from tensorflow-intel==2.11.0->tensorflow) (3.7.0)
Requirement already satisfied: wrapt>=1.11.0 in c:\users\vasug\anaconda3\lib\site-packages (from tensorflow-intel==2.11.0->tensorflow) (1.14.1)
Requirement already satisfied: numpy>=1.20 in c:\users\vasug\anaconda3\lib\site-packages (from tensorflow-intel==2.11.0->tensorflow) (1.21.5)
Collecting tensorflow-estimator<2.12,>=2.11.0
  Downloading tensorflow_estimator-2.11.0-py2.py3-none-any.whl (439 kB)
----- 439.2/439.2 kB 1.3 MB/s eta 0:00:00
Collecting astunparse==1.6.0
  Using cached astunparse-1.6.3-py2.py3-none-any.whl (12 kB)
Collecting grpcio<2.0,>=1.24.3
  Downloading grpcio-1.50.0-cp39-cp39-win_amd64.whl (3.7 MB)
----- 3.7/3.7 MB 3.2 MB/s eta 0:00:00
Collecting absl_py>=1.0.0
  Downloading absl_py-1.3.0-py3-none-any.whl (124 kB)
----- 124.6/124.6 kB 1.8 MB/s eta 0:00:00
Collecting protobuf<3.20,>=3.9.2
  Downloading protobuf-3.19.6-cp39-cp39-win_amd64.whl (895 kB)
----- 895.9/895.9 kB 2.8 MB/s eta 0:00:00
Requirement already satisfied: typing-extensions>=3.6.6 in c:\users\vasug\anaconda3\lib\site-packages (from tensorflow-intel==2.11.0->tensorflow) (4.3.0)
Requirement already satisfied: setuptools in c:\users\vasug\anaconda3\lib\site-packages (from tensorflow-intel==2.11.0->tensorflow) (63.4.1)
Collecting tensorboard<2.12,>=2.11
  Downloading tensorboard-2.11.0-py3-none-any.whl (6.0 MB)
----- 6.0/6.0 MB 3.2 MB/s eta 0:00:00
Collecting keras<2.12,>=2.11.0
  Downloading keras-2.11.0-py2.py3-none-any.whl (1.7 MB)
```

```
Administrator: Anaconda Prompt (anaconda3)
Downloading absl_py-1.3.0-py3-none-any.whl (124 kB)
----- 124.6/124.6 kB 1.8 MB/s eta 0:00:00
Collecting protobuf<3.20,>=3.9.2
  Downloading protobuf-3.19.6-cp39-win_amd64.whl (895 kB)
----- 895.9/895.9 kB 2.8 MB/s eta 0:00:00
Requirement already satisfied: typing-extensions>=3.6.6 in c:\users\vasug\anaconda3\lib\site-packages (from tensorflow-intel==2.11.0->tensorflow) (4.3.0)
Requirement already satisfied: setuptools in c:\users\vasug\anaconda3\lib\site-packages (from tensorflow-intel==2.11.0->tensorflow) (63.4.1)
Collecting tensorboard<2.12,>=2.11
  Downloading tensorboard-2.11.0-py3-none-any.whl (6.0 MB)
----- 6.0/6.0 MB 3.2 MB/s eta 0:00:00
Collecting keras<2.12,>=2.11.0
  Downloading keras-2.11.0-py2.py3-none-any.whl (1.7 MB)
----- 1.7/1.7 MB 3.5 MB/s eta 0:00:00
Requirement already satisfied: wheel<1.0,>=0.23.0 in c:\users\vasug\anaconda3\lib\site-packages (from astunparse==1.6.0->tensorflow-intel==2.11.0->tensorflow) (0.37.1)
Requirement already satisfied: markdown>=2.6.0 in c:\users\vasug\anaconda3\lib\site-packages (from tensorboard<2.12,>=2.11->tensorflow-intel==2.11.0->tensorflow) (3.3.4)
Requirement already satisfied: Werkzeug>=1.0.1 in c:\users\vasug\anaconda3\lib\site-packages (from tensorboard<2.12,>=2.11->tensorflow-intel==2.11.0->tensorflow) (2.0.3)
Collecting google-auth<3,>=1.6.3
  Downloading google_auth-2.14.1-py2.py3-none-any.whl (175 kB)
----- 175.4/175.4 kB 2.1 MB/s eta 0:00:00
Requirement already satisfied: requests<3,>=2.21.0 in c:\users\vasug\anaconda3\lib\site-packages (from tensorboard<2.12,>=2.11->tensorflow-intel==2.11.0->tensorflow) (2.28.1)
Collecting google-auth-oauthlib<0.5,>=0.4.1
  Using cached google_auth_oauthlib-0.4.6-py2.py3-none-any.whl (18 kB)
Collecting tensorboard-plugin-wit==1.6.0
  Using cached tensorboard_plugin_wit-1.8.1-py3-none-any.whl (781 kB)
Collecting tensorboard-data-server<0.7.0,>=0.6.0
  Using cached tensorboard_data_server-0.6.1-py3-none-any.whl (2.4 kB)
Requirement already satisfied: pyparsing<3.0.5,>=2.0.2 in c:\users\vasug\anaconda3\lib\site-packages (from packaging->tensorflow-intel==2.11.0->tensorflow) (3.0.9)
Collecting cachetools<6.0,>=2.0.0
  Downloading cachetools-5.2.0-py3-none-any.whl (9.3 kB)
Requirement already satisfied: pyasn1-modules>=0.2.1 in c:\users\vasug\anaconda3\lib\site-packages (from google-auth<3,>=1.6.3->tensorboard<2.12,>=2.11->tensorflow-intel==2.11.0->tensorflow) (0.2.8)
Collecting rsa<5,>=3.1.4
  Downloading rsa-4.9-py3-none-any.whl (34 kB)
Collecting requests-oauthlib>=0.7.0
  Using cached requests_oauthlib-1.3.1-py2.py3-none-any.whl (23 kB)
Requirement already satisfied: charset-normalizer<3,>=2 in c:\users\vasug\anaconda3\lib\site-packages (from requests<3,>=2.21.0->tensorboard<2.12,>=2.11->tensorflow-intel==2.11.0->tensorflow) (2.0.4)
Requirement already satisfied: urllib3<1.27,>=1.21.1 in c:\users\vasug\anaconda3\lib\site-packages (from requests<3,>=2.21.0->tensorboard<2.12,>=2.11->tensorflow-intel==2.11.0->tensorflow) (1.26.11)
Requirement already satisfied: certifi>=2017.4.17 in c:\users\vasug\anaconda3\lib\site-packages (from requests<3,>=2.21.0->tensorboard<2.12,>=2.11->tensorflow-intel==2.11.0->tensorflow) (2022.9.14)
Requirement already satisfied: idna<4,>=2.5 in c:\users\vasug\anaconda3\lib\site-packages (from requests<3,>=2.21.0->tensorboard<2.12,>=2.11->tensorflow-intel==2.11.0->tensorflow) (3.3)
Requirement already satisfied: pyasn1<0.5.0,>=0.4.6 in c:\users\vasug\anaconda3\lib\site-packages (from pyasn1-modules>=0.2.1->google-auth<3,>=1.6.3->tensorboard<2.12,>=2.11->tensorflow-intel==2.11.0->tensorflow) (0.4.8)
Collecting oauthlib==3.0.0
  Downloading oauthlib-3.2.2-py3-none-any.whl (151 kB)
----- 151.7/151.7 kB 2.3 MB/s eta 0:00:00
Installing collected packages: tensorboard-plugin-wit, libclang, flatbuffers, termcolor, tensorflow-io-gcs-filesystem, tensorflow-estimator, tensorboard-data-server, rsa, protobuf, opt-einsum, oauthlib, keras, g
rpcio, google-pasta, gast, cachetools, astunparse, absl-py, requests-oauthlib, google-auth, google-auth-oauthlib, tensorboard, tensorflow-intel, tensorflow
Successfully installed absl-py-1.3.0 astunparse-1.6.3 cachetools-5.2.0 flatbuffers-22.10.26 gast-0.4.0 google-auth-2.14.1 google-auth-oauthlib-0.4.6 google-pasta-0.2.0 grpcio-1.50.0 keras-2.11.0 libclang-14.0.6
oauthlib-3.2.2 opt-einsum-3.3.0 protobuf-3.19.6 requests-oauthlib-1.3.1 rsa-4.9 tensorboard-2.11.0 tensorboard-data-server-0.6.1 tensorboard-plugin-wit-1.8.1 tensorflow-2.11.0 tensorflow-estimator-2.11.0 tensorflow-intel-2.11.0 tensorflow-io-gcs-filesystem-0.27.0 termcolor-2.1.0

27°C
Haze
```

Install Keras :

```
Administrator: Anaconda Prompt (anaconda3)

(base) C:\Windows\system32>pip install keras
Requirement already satisfied: keras in c:\users\vasug\anaconda3\lib\site-packages (2.11.0)

(base) C:\Windows\system32>

Collecting oauthlib==3.0.0
  Downloading oauthlib-3.2.2-py3-none-any.whl (151 kB)
----- 151.7/151.7 kB 2.3 MB/s eta 0:00:00

27°C
Haze
```

Install Opencv-python :

```
Administrator: Anaconda Prompt (anaconda3)

(base) C:\Windows\system32>pip install opencv-python
Collecting opencv-python
  Downloading opencv_python-4.6.0.66-cp36-abi3-win_amd64.whl (35.6 MB)
    ----- 35.6/35.6 MB 2.4 MB/s eta 0:00:00
Requirement already satisfied: numpy>=1.17.3 in c:\users\vasug\anaconda3\lib\site-packages (from opencv-python) (1.21.5)
Installing collected packages: opencv-python
Successfully installed opencv-python-4.6.0.66

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

Install Imutils :

```
Administrator: Anaconda Prompt (anaconda3)

(base) C:\Windows\system32>pip install imutils
Collecting imutils
  Using cached imutils-0.5.4.tar.gz (17 kB)
  Preparing metadata (setup.py) ... done
Building wheels for collected packages: imutils
  Building wheel for imutils (setup.py) ... done
  Created wheel for imutils: filename=imutils-0.5.4-py3-none-any.whl size=25847 sha256=83eedfef6cb71554d111d1d618e60ba8638ba5055c908239cb8c04b2530fa7bc
  Stored in directory: c:\users\vasug\appdata\local\pip\cache\wheels\4b\45\2d\4a070a801d3a3d93f033d3ee9728f470f514826e89952df3ea
Successfully built imutils
Installing collected packages: imutils
Successfully installed imutils-0.5.4

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

Install Flask :

```
Administrator: Anaconda Prompt (anaconda3)

(base) C:\Windows\system32>pip install flask
Requirement already satisfied: flask in c:\users\vasug\anaconda3\lib\site-packages (1.1.2)
Requirement already satisfied: itsdangerous>=0.24 in c:\users\vasug\anaconda3\lib\site-packages (from flask) (2.0.1)
Requirement already satisfied: click>=5.1 in c:\users\vasug\anaconda3\lib\site-packages (from flask) (8.0.4)
Requirement already satisfied: Werkzeug>=0.15 in c:\users\vasug\anaconda3\lib\site-packages (from flask) (2.0.3)
Requirement already satisfied: Jinja2>=2.10.1 in c:\users\vasug\anaconda3\lib\site-packages (from flask) (2.11.3)
Requirement already satisfied: colorama in c:\users\vasug\anaconda3\lib\site-packages (from click>=5.1->flask) (0.4.5)
Requirement already satisfied: MarkupSafe>=0.23 in c:\users\vasug\anaconda3\lib\site-packages (from Jinja2>=2.10.1->flask) (2.0.1)

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