

Requirement already satisfied: tensorflow==1.15.2 in c:\users\kirub\anaconda3\lib\site-packages (1.15.2)
Requirement already satisfied: tensorflow-estimator==1.15.1 in c:\users\kirub\anaconda3\lib\site-packages (from tensorflow==1.15.2) (1.15.1)
Requirement already satisfied: numpy<2.0,>=1.16.0 in c:\users\kirub\anaconda3\lib\site-packages (from tensorflow==1.15.2) (1.16.4)
Requirement already satisfied: astor>=0.6.0 in c:\users\kirub\anaconda3\lib\site-packages (from tensorflow==1.15.2) (0.8.1)
Requirement already satisfied: tensorboard<1.16.0,>=1.15.0 in c:\users\kirub\anaconda3\lib\site-packages (from tensorflow==1.15.2) (1.15.0)
Requirement already satisfied: wrapt>=1.11.1 in c:\users\kirub\anaconda3\lib\site-packages (from tensorflow==1.15.2) (1.11.2)
Requirement already satisfied: grpcio>=1.8.6 in c:\users\kirub\anaconda3\lib\site-packages (from tensorflow==1.15.2) (1.50.0)
Requirement already satisfied: wheel>=0.26; python_version >= "3" in c:\users\kirub\anaconda3\lib\site-packages (from tensorflow==1.15.2) (0.33.4)
Requirement already satisfied: protobuf>=3.6.1 in c:\users\kirub\anaconda3\lib\site-packages (from tensorflow==1.15.2) (4.21.9)
Requirement already satisfied: keras-applications>=1.0.8 in c:\users\kirub\anaconda3\lib\site-packages (from tensorflow==1.15.2) (1.0.8)
Requirement already satisfied: opt-einsum>=2.3.2 in c:\users\kirub\anaconda3\lib\site-packages (from tensorflow==1.15.2) (3.3.0)
Requirement already satisfied: six>=1.10.0 in c:\users\kirub\anaconda3\lib\site-packages (from tensorflow==1.15.2) (1.12.0)
Requirement already satisfied: absl-py>=0.7.0 in c:\users\kirub\anaconda3\lib\site-packages (from tensorflow==1.15.2) (1.3.0)
Requirement already satisfied: termcolor>=1.1.0 in c:\users\kirub\anaconda3\lib\site-packages (from tensorflow==1.15.2) (2.1.0)
Requirement already satisfied: google-pasta>=0.1.6 in c:\users\kirub\anaconda3\lib\site-packages (from tensorflow==1.15.2) (0.2.0)
Requirement already satisfied: gast==0.2.2 in c:\users\kirub\anaconda3\lib\site-packages (from tensorflow==1.15.2) (0.2.2)

```
=1.15.2) (1.0.8)
Requirement already satisfied: opt-einsum>=2.3.2 in c:\users\kirub\anaconda3\lib\site-packages (from tensorflow==1.15.2) (3.3.0)
Requirement already satisfied: six>=1.10.0 in c:\users\kirub\anaconda3\lib\site-packages (from tensorflow==1.15.2) (1.12.0)
Requirement already satisfied: absl-py>=0.7.0 in c:\users\kirub\anaconda3\lib\site-packages (from tensorflow==1.15.2) (1.3.0)
Requirement already satisfied: termcolor>=1.1.0 in c:\users\kirub\anaconda3\lib\site-packages (from tensorflow==1.15.2) (2.1.0)
Requirement already satisfied: google-pasta>=0.1.6 in c:\users\kirub\anaconda3\lib\site-packages (from tensorflow==1.15.2) (0.2.0)
Requirement already satisfied: gast==0.2.2 in c:\users\kirub\anaconda3\lib\site-packages (from tensorflow==1.15.2) (0.2.2)
Requirement already satisfied: keras-preprocessing>=1.0.5 in c:\users\kirub\anaconda3\lib\site-packages (from tensorflow==1.15.2) (1.1.2)
Requirement already satisfied: setuptools>=41.0.0 in c:\users\kirub\anaconda3\lib\site-packages (from tensorboard<1.16.0, >=1.15.0->tensorflow==1.15.2) (41.0.1)
Requirement already satisfied: markdown>=2.6.8 in c:\users\kirub\anaconda3\lib\site-packages (from tensorboard<1.16.0, >=1.15.0->tensorflow==1.15.2) (3.4.1)
Requirement already satisfied: werkzeug>=0.11.15 in c:\users\kirub\anaconda3\lib\site-packages (from tensorboard<1.16.0, >=1.15.0->tensorflow==1.15.2) (0.15.4)
Requirement already satisfied: h5py in c:\users\kirub\anaconda3\lib\site-packages (from keras-applications>=1.0.8->tensorflow==1.15.2) (2.9.0)
Requirement already satisfied: importlib-metadata>=4.4; python_version < "3.10" in c:\users\kirub\anaconda3\lib\site-packages (from markdown>=2.6.8->tensorboard<1.16.0, >=1.15.0->tensorflow==1.15.2) (5.0.0)
Requirement already satisfied: zipp>=0.5 in c:\users\kirub\anaconda3\lib\site-packages (from importlib-metadata>=4.4; python_version < "3.10"->markdown>=2.6.8->tensorboard<1.16.0, >=1.15.0->tensorflow==1.15.2) (0.5.1)
Requirement already satisfied: typing-extensions>=3.6.4; python_version < "3.8" in c:\users\kirub\anaconda3\lib\site-packages (from importlib-metadata>=4.4; python_version < "3.10"->markdown>=2.6.8->tensorboard<1.16.0, >=1.15.0->tensorflow==1.15.2) (4.4.0)
```



```
(base) C:\Users\kirub>pip install keras==2.2.4
```

```
Collecting keras==2.2.4
```

```
Downloading https://files.pythonhosted.org/packages/5e/10/aa32dad071ce52b5502266b5c659451cfd6ffcbf14e6c8c4f16c0ff5aaab/Keras-2.2.4-py2.py3-none-any.whl (312kB)
```

```
| 317kB 1.3MB/s
```

```
Requirement already satisfied: h5py in c:\users\kirub\anaconda3\lib\site-packages (from keras==2.2.4) (2.9.0)
```

```
Requirement already satisfied: keras-applications>=1.0.6 in c:\users\kirub\anaconda3\lib\site-packages (from keras==2.2.4) (1.0.8)
```

```
Requirement already satisfied: pyyaml in c:\users\kirub\anaconda3\lib\site-packages (from keras==2.2.4) (5.1.1)
```

```
Requirement already satisfied: numpy>=1.9.1 in c:\users\kirub\anaconda3\lib\site-packages (from keras==2.2.4) (1.16.4)
```

```
Requirement already satisfied: six>=1.9.0 in c:\users\kirub\anaconda3\lib\site-packages (from keras==2.2.4) (1.12.0)
```

```
Requirement already satisfied: keras-preprocessing>=1.0.5 in c:\users\kirub\anaconda3\lib\site-packages (from keras==2.2.4) (1.1.2)
```

```
Requirement already satisfied: scipy>=0.14 in c:\users\kirub\anaconda3\lib\site-packages (from keras==2.2.4) (1.2.1)
```

```
Installing collected packages: keras
```

```
Successfully installed keras-2.2.4
```

```
(base) C:\Users\kirub>pip install opencv-python==4.1.0.25
```

```
Collecting opencv-python==4.1.0.25
```

```
Downloading https://files.pythonhosted.org/packages/a3/50/04d0669afe884f137c2f490642756e8c4a658254300a9eaf253d1e643085/opencv_python-4.1.0.25-cp37-cp37m-win_amd64.whl (37.3MB)
```

```
| 37.4MB 88kB/s
```

```
Requirement already satisfied: numpy>=1.14.5 in c:\users\kirub\anaconda3\lib\site-packages (from opencv-python==4.1.0.25) (1.16.4)
```

```
Installing collected packages: opencv-python
```

```
Successfully installed opencv-python-4.1.0.25
```

```
(base) C:\Users\kirub>pip install pillow==6.2.2
```

```
Collecting pillow==6.2.2
```

Installing collected packages: keras
Successfully installed keras-2.2.4

(base) C:\Users\kirub>pip install opencv-python==4.1.0.25

Collecting opencv-python==4.1.0.25

Downloading https://files.pythonhosted.org/packages/a3/50/04d0669afe884f137c2f490642756e8c4a658254300a9eaf253d1e643085
/opencv_python-4.1.0.25-cp37-cp37m-win_amd64.whl (37.3MB)

| 37.4MB 88kB/s

Requirement already satisfied: numpy>=1.14.5 in c:\users\kirub\anaconda3\lib\site-packages (from opencv-python==4.1.0.25)
(1.16.4)

Installing collected packages: opencv-python
Successfully installed opencv-python-4.1.0.25

(base) C:\Users\kirub>pip install pillow==6.2.2

Collecting pillow==6.2.2

Downloading https://files.pythonhosted.org/packages/f0/75/1edde839a0f50fd9bf18226260d43b216ccd11ca69a1fc6ebdc664de64ae
/Pillow-6.2.2-cp37-cp37m-win_amd64.whl (2.0MB)

| 2.0MB 819kB/s

Installing collected packages: pillow

Found existing installation: Pillow 6.1.0

Uninstalling Pillow-6.1.0:

Successfully uninstalled Pillow-6.1.0

Successfully installed pillow-6.2.2

(base) C:\Users\kirub>pip install progressbar.

ERROR: Invalid requirement: 'progressbar.'

(base) C:\Users\kirub>pip install progressbar

Collecting progressbar

```
(base) C:\Users\kirub>pip install progressbar
Collecting progressbar
  Downloading https://files.pythonhosted.org/packages/a3/a6/b8e451f6cff1c99b4747a2f7235aa904d2d49e8e1464e0b798272aa84358/progressbar-2.5.tar.gz
Building wheels for collected packages: progressbar
  Building wheel for progressbar (setup.py) ... done
  Stored in directory: C:\Users\kirub\AppData\Local\pip\Cache\wheels\c0\ea\6b\ea01090205e285175842339aa3b491adeb4015206cda272ff0
Successfully built progressbar
Installing collected packages: progressbar
Successfully installed progressbar-2.5

(base) C:\Users\kirub>
```