

Kindly follow the following steps to install tensorflow in your system:

1. Open anaconda prompt and run the following command

conda create -n tf python=3.6

This will prompt for some new libraries to be installed in the system. Simply press **Enter** and proceed. This will install the libraries required for creating a new environment.

```
Anaconda Prompt (Anaconda3) - conda create -n tf python=3.6

The following packages will be downloaded:

package                                     build                                     140 KB
-----
certifi-2021.5.30                         py36haa95532_0
pip-21.0.1                               py36haa95532_0
python-3.6.13                             h3758d61_0
setuptools-52.0.0                         py36haa95532_0
sqlite-3.36.0                             h2bbff1b_0
wheel-0.37.0                             pyhd3eb1b0_1
wincertstore-0.2                         py36h7fe50ca_0
-----
Total:                                     18.1 MB

The following NEW packages will be INSTALLED:

certifi      pkgs/main/win-64::certifi-2021.5.30-py36haa95532_0
pip          pkgs/main/win-64::pip-21.0.1-py36haa95532_0
python       pkgs/main/win-64::python-3.6.13-h3758d61_0
setuptools   pkgs/main/win-64::setuptools-52.0.0-py36haa95532_0
sqlite       pkgs/main/win-64::sqlite-3.36.0-h2bbff1b_0
vc           pkgs/main/win-64::vc-14.2-h21ff451_1
vs2015_runtime pkgs/main/win-64::vs2015_runtime-14.27.29016-h5e58377_2
wheel        pkgs/main/noarch::wheel-0.37.0-pyhd3eb1b0_1
wincertstore pkgs/main/win-64::wincertstore-0.2-py36h7fe50ca_0

Proceed ([y]/n)? _
```

2. Activate the newly created environment using:

conda activate tf

```
Anaconda Prompt (Anaconda3)

wincertstore      pkgs/main/win-64::wincertstore-0.2-py36h7fe50ca_0

Proceed ([y]/n)?

Downloading and Extracting Packages
certifi-2021.5.30 | 140 KB | ##### | 100%
setuptools-52.0.0 | 723 KB | ##### | 100%
wincertstore-0.2 | 14 KB | ##### | 100%
python-3.6.13 | 14.6 MB | ##### | 100%
pip-21.0.1 | 1.8 MB | ##### | 100%
sqlite-3.36.0 | 780 KB | ##### | 100%
wheel-0.37.0 | 33 KB | ##### | 100%
Preparing transaction: done
Verifying transaction: done
Executing transaction: done

#
# To activate this environment, use
#
# $ conda activate tf
#
# To deactivate an active environment, use
#
# $ conda deactivate

(base) C:\Users\fujistu>conda activate tf
(tf) C:\Users\fujistu>
```

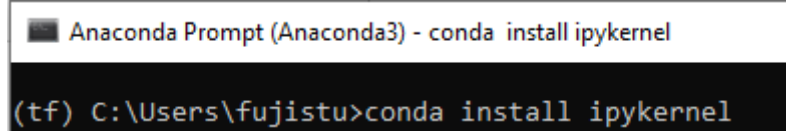
The current environment can be seen in the starting of command line in anaconda prompt (encircled in the image above). The current environment has been changed from “base” to “tf”.

3. Install python kernel and jupyter notebook in this environment

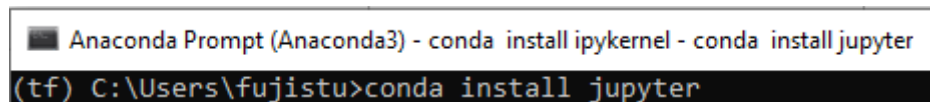
conda install ipykernel

conda install jupyter

*allow for any permissions to install additional libraries



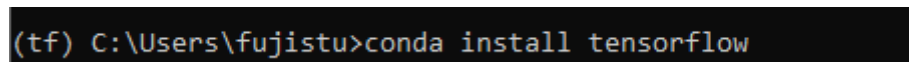
```
Anaconda Prompt (Anaconda3) - conda install ipykernel  
(tf) C:\Users\fujistu>conda install ipykernel
```



```
Anaconda Prompt (Anaconda3) - conda install ipykernel - conda install jupyter  
(tf) C:\Users\fujistu>conda install jupyter
```

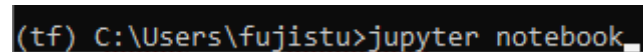
4. Install tensorflow using the following command

conda install tensorflow



```
(tf) C:\Users\fujistu>conda install tensorflow
```

The steps above will create a new environment in your anaconda navigator and install tensorflow in that environment. Next launch the jupyter notebook in the same environment.



```
(tf) C:\Users\fujistu>jupyter notebook_
```

You can start using the tensorflow library now.

NOTE – Since this is the first time, hence we are creating a new environment. Once created, this will exist forever (until deleted). To launch, jupyter notebook in tf environment from next time onwards, simply go to start and type Jupyter notebook. You will see multiple jupyter notebooks (one for each environment), launch the one with tf in its name. Below is the image attached.

