

Ex No: 1

INSTALLATION AND CONFIGURATION OF TENSORFLOW

Aim:

To install and configure TensorFlow in anaconda environment in Windows 10.

Procedure:

1. Download Anaconda Navigator and install.
2. Open Anaconda prompt
3. Create a new environment dlc with python 3.7 using the following command:
`conda create -n dlc python=3.7`
4. Activate newly created environment dlc using the following command:
`conda activate dlc`
5. In dlc prompt, install tensorflow using the following command:
`pip install tensorflow`
6. Next install Tensorflow-datasets using the following command:
`pip install tensorflow-datasets`
7. Install scikit-learn package using the following command:
`pip install scikit-learn`
8. Install pandas package using the following command:
`pip install pandas`
9. Lastly, install jupyter notebook
`pip install jupyter notebook`
10. Open jupyter notebook by typing the following in dlc prompt:
`jupyter notebook`
11. Click create new and then choose python 3 (ipykernel)
12. Give the name to the file
13. Type the code and click Run button to execute (eg. Type `import tensorflow` and then run)