EXP NO:1 INSTALLATION AND CONFIGURATION OF TENSORFLOW

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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)

Result: Thus tensorflow is successfully installed and configured.