Ex No: 1   **Date: 26-07-2024**

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)

PROGRAM:

import tensorflow

OUTPUT:

```
In [1]: import tensorflow
```

RESULT:

Thus, TensorFlow in anaconda environment in Windows 10 was installed and configured successfully.