**Ex.No.1**

# INSTALLATION AND CONFIGURATION OF TENSORFLOW

**AIM:**

To install and configure TensorFlow in anaconda environment

**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

**PROGRAM:**

import tensorflow

**OUTPUT:**

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

**RESULT:**

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