Roll Number: 210701070

## Exp 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

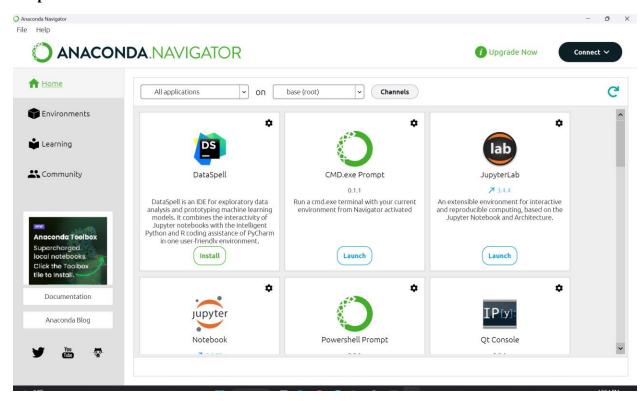
10. Open jupyter notebook by typing the following in dlc prompt:

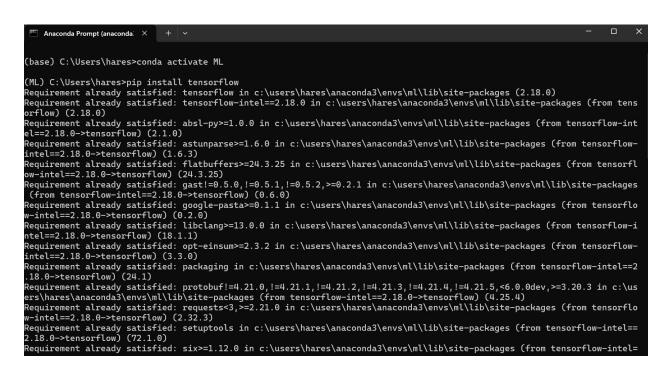
jupyter notebook

- 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)

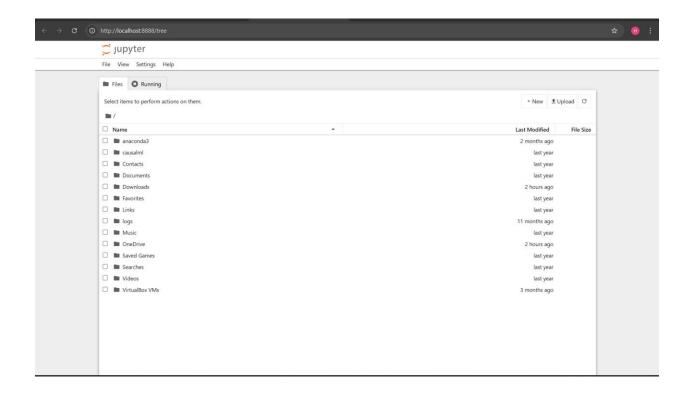
Roll Number: 210701070

#### **Output:**





Roll Number: 210701070



# **Result:**

Tensorflow has been successfully installed in anaconda environment and jupyter notebook created successfully.