Prerequisites

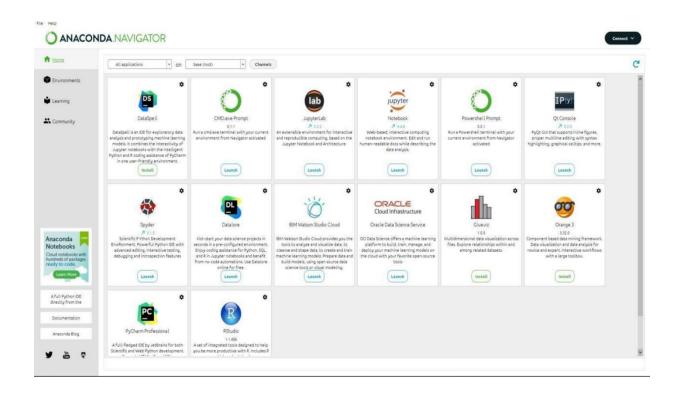
Team ID : PNT2022TMID5150

Project Name: A novel method for handwritten digit

recognition system.

Anaconda Navigator and all the packages required are installed by all the team members. Software requirements are satisfied.

Anaconda Navigator Installation



Anaconda Navigator is a free and open-source distribution of the Python and R programming languages for data science and machine learning related applications. It can be installed on Windows, Linux, and macOS. Conda is an open-source, cross-platform, package management system. Anaconda comes with so very nice tools like JupyterLab, Jupyter Notebook, QtConsole, Spyder, Glueviz, Orange, Rstudio, Visual Studio Code. For this project, we will be using Jupiter notebook and spyder.

Packages Installation

```
Clase C:\Users\User\pipi install numpy
Sequirement already satisfied: numpy in c:\programdata\anaconda3\lib\site-packages (1.21.5)

(Dase) C:\Users\User\pipi install numpy in c:\programdata\anaconda3\lib\site-packages (1.21.5)

(Dase) C:\Users\User\pipi install pandas

Sequirement already satisfied: numpy in c:\programdata\anaconda3\lib\site-packages (1.21.5)

(Dase) C:\Users\User\pipi install pandas

Sequirement already satisfied pandas in c:\programdata\anaconda3\lib\site-packages (1.21.5)

Requirement already satisfied: putpy-2000.1 in c:\programdata\anaconda3\lib\site-packages (from pandas) (2.21.3)

Requirement already satisfied: pytpy-2000.1 in c:\programdata\anaconda3\lib\site-packages (from pandas) (1.21.5)

Requirement already satisfied: pytpy-2000.1 in c:\programdata\anaconda3\lib\site-packages (from pandas) (1.21.5)

Requirement already satisfied: pytpy-2000.1 in c:\programdata\anaconda3\lib\site-packages (from pandas) (1.21.5)

Requirement already satisfied: pytpy-2000.1 in c:\programdata\anaconda3\lib\site-packages (from pandas) (1.21.5)

Requirement already satisfied: matplotlib

Sequirement already satisfied: matplotlib in c:\programdata\anaconda3\lib\site-packages (from matplotlib) (1.3.2)

Requirement already satisfied: matplotlib in c:\programdata\anaconda3\lib\site-packages (from matplotlib) (3.0.4)

Requirement already satisfied: matplotlib in c:\programdata\anaconda3\lib\site-packages (from matplotlib) (3.0.4)

Requirement already satisfied: package (from pandas) (2.0.2)

Requirement already satisfied: package (from pandas) (2.0.2)

Requirement already satisfied: package (from pandas) (2.0.2)

Requirement already satisfied: package (from matplotlib) (2.1.3)

Requirement already satisfied: package (from pandata\anaconda3\lib\site-packages (from matplotlib) (2.1.3)

Requirement already satisfied: package (from pandata\anaconda3\lib\site-packages (from matplotlib) (2.1.3)

Requirement already satisfied: size-package (from pandata\anaconda3\lib\site-packages (from pandata) (2.0.1)

Requirement
```

Packages installed are:

1. Pandas 5. Tensorflow

2. Numpy 6. Keras

3. Matplotlib 7. Opency

4. Seaborn 8. Flask

