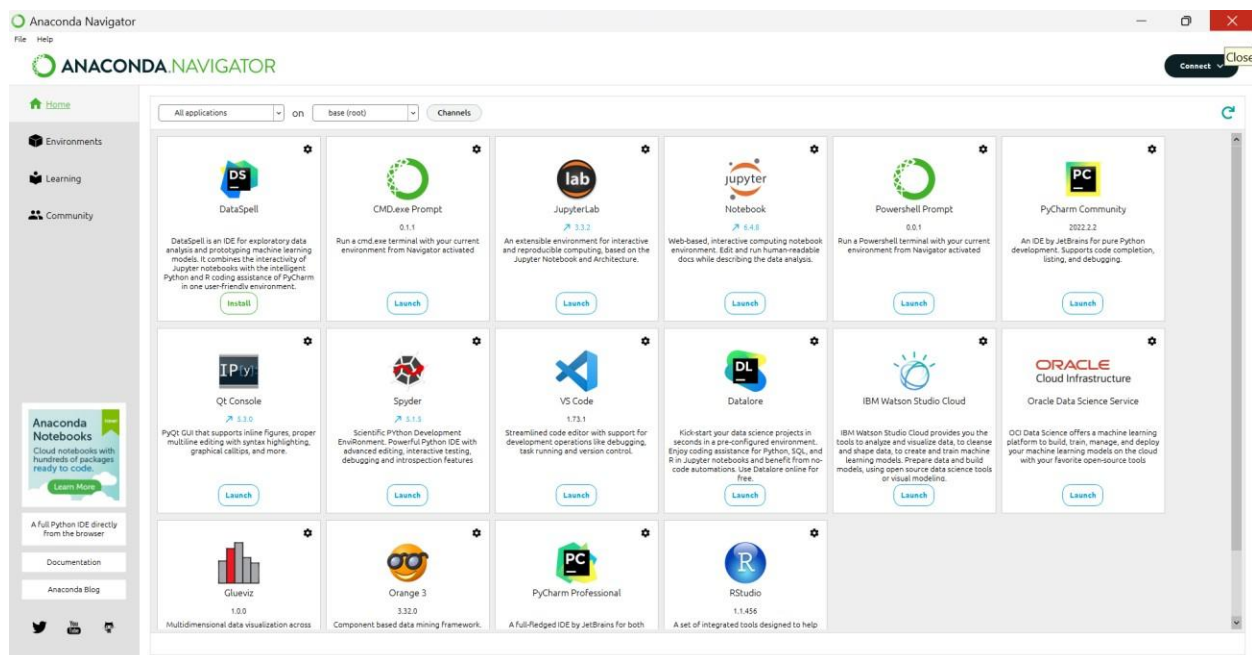


PROJECT PRE-REQUISITES

Date	22 November 2022
Team ID	PNT2022TMID14687
Project Name	Machine Learning based Vehicle Performance Analyzer

1. First install Anaconda software.
2. Then in Anaconda Navigator download Jupyter Notebook.



3. Install Python packages

The following packages are installed

- Flask
- Scikit-learn
- Matplotlib
- Pandas
- Numpy

```
Anaconda Prompt (anaconda)
(base) C:\Users\sunda>pip install flask
Requirement already satisfied: flask in c:\users\sunda\anaconda3\lib\site-packages (1.1.2)
Requirement already satisfied: click>=5.1 in c:\users\sunda\anaconda3\lib\site-packages (from flask) (8.0.4)
Requirement already satisfied: Jinja2>=2.10.1 in c:\users\sunda\anaconda3\lib\site-packages (from flask) (2.11.3)
Requirement already satisfied: itsdangerous>=0.24 in c:\users\sunda\anaconda3\lib\site-packages (from flask) (2.0.1)
Requirement already satisfied: Werkzeug>=0.15 in c:\users\sunda\anaconda3\lib\site-packages (from flask) (2.0.3)
Requirement already satisfied: colorama in c:\users\sunda\anaconda3\lib\site-packages (from click>=5.1->flask) (0.4.4)
Requirement already satisfied: MarkupSafe>=0.23 in c:\users\sunda\anaconda3\lib\site-packages (from Jinja2>=2.10.1->flask) (2.0.1)

(base) C:\Users\sunda>pip install scikit-learn
Requirement already satisfied: scikit-learn in c:\users\sunda\anaconda3\lib\site-packages (1.0.2)
Requirement already satisfied: joblib>=0.11 in c:\users\sunda\anaconda3\lib\site-packages (from scikit-learn) (1.1.0)
Requirement already satisfied: scipy>=1.1.0 in c:\users\sunda\anaconda3\lib\site-packages (from scikit-learn) (1.7.3)
Requirement already satisfied: threadpoolctl>=2.0.0 in c:\users\sunda\anaconda3\lib\site-packages (from scikit-learn) (2.2.0)
Requirement already satisfied: numpy>=1.14.6 in c:\users\sunda\anaconda3\lib\site-packages (from scikit-learn) (1.21.5)

(base) C:\Users\sunda>pip install matplotlib
Requirement already satisfied: matplotlib in c:\users\sunda\anaconda3\lib\site-packages (3.5.1)
Requirement already satisfied: fonttools>=4.22.0 in c:\users\sunda\anaconda3\lib\site-packages (from matplotlib) (4.25.0)
Requirement already satisfied: pyparsing>=2.2.1 in c:\users\sunda\anaconda3\lib\site-packages (from matplotlib) (3.0.4)
Requirement already satisfied: numpy>=1.17 in c:\users\sunda\anaconda3\lib\site-packages (from matplotlib) (1.21.5)
Requirement already satisfied: pillow>=6.2.0 in c:\users\sunda\anaconda3\lib\site-packages (from matplotlib) (9.0.1)
Requirement already satisfied: python-dateutil>=2.7 in c:\users\sunda\anaconda3\lib\site-packages (from matplotlib) (2.8.2)
Requirement already satisfied: cycler>=0.10 in c:\users\sunda\anaconda3\lib\site-packages (from matplotlib) (0.11.0)
Requirement already satisfied: kiwisolver>=1.0.1 in c:\users\sunda\anaconda3\lib\site-packages (from matplotlib) (1.3.2)
Requirement already satisfied: packaging>=20.0 in c:\users\sunda\anaconda3\lib\site-packages (from matplotlib) (21.3)
Requirement already satisfied: six>=1.5 in c:\users\sunda\anaconda3\lib\site-packages (from python-dateutil>=2.7->matplotlib) (1.16.0)

(base) C:\Users\sunda>pip install pandas
Requirement already satisfied: pandas in c:\users\sunda\anaconda3\lib\site-packages (1.4.2)
Requirement already satisfied: pytz>=2020.1 in c:\users\sunda\anaconda3\lib\site-packages (from pandas) (2021.3)
Requirement already satisfied: python-dateutil>=2.8.1 in c:\users\sunda\anaconda3\lib\site-packages (from pandas) (2.8.2)
Requirement already satisfied: numpy>=1.18.5 in c:\users\sunda\anaconda3\lib\site-packages (from pandas) (1.21.5)
Requirement already satisfied: six>=1.5 in c:\users\sunda\anaconda3\lib\site-packages (from python-dateutil>=2.8.1->pandas) (1.16.0)

(base) C:\Users\sunda>pip install numpy
Requirement already satisfied: numpy in c:\users\sunda\anaconda3\lib\site-packages (1.21.5)
```