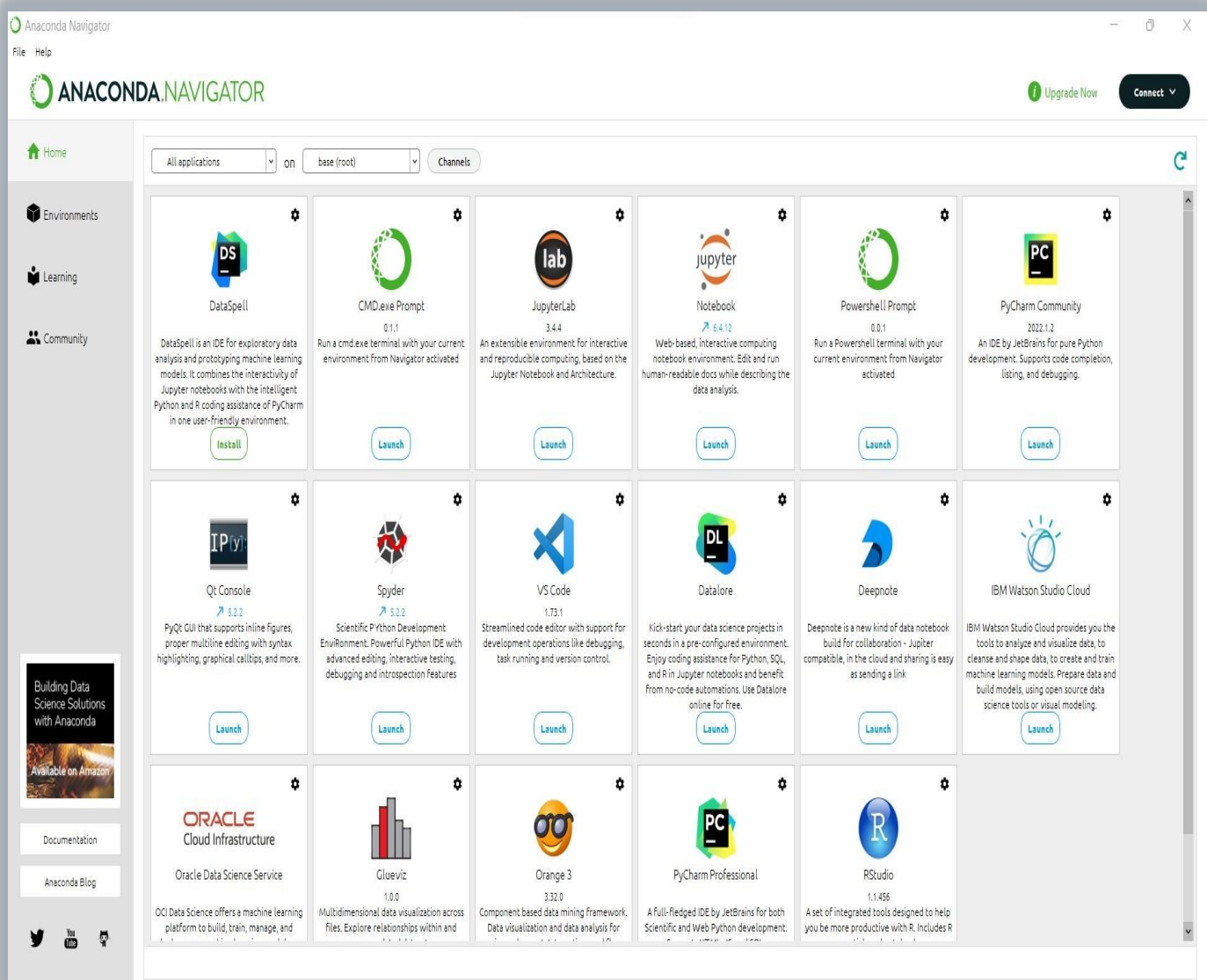


# Project Pre-Requisites

Date	15 November 2022
Team ID	PNT2022TMID49241
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

```
(base) C:\Users\jaswa>pip install flask
Requirement already satisfied: flask in c:\users\jaswa\anaconda3\lib\site-packages (1.1.2)
Requirement already satisfied: itsdangerous>=0.24 in c:\users\jaswa\anaconda3\lib\site-packages (from flask) (2.0.1)
Requirement already satisfied: Werkzeug>=0.15 in c:\users\jaswa\anaconda3\lib\site-packages (from flask) (2.0.3)
Requirement already satisfied: click>=5.1 in c:\users\jaswa\anaconda3\lib\site-packages (from flask) (8.0.4)
Requirement already satisfied: Jinja2>=2.10.1 in c:\users\jaswa\anaconda3\lib\site-packages (from flask) (2.11.3)
Requirement already satisfied: colorama in c:\users\jaswa\anaconda3\lib\site-packages (from click>=5.1->flask) (0.4.5)
Requirement already satisfied: MarkupSafe>=0.23 in c:\users\jaswa\anaconda3\lib\site-packages (from Jinja2>=2.10.1->flask) (2.0.1)

(base) C:\Users\jaswa>pip install cikit-learn
ERROR: Could not find a version that satisfies the requirement cikit-learn (from versions: none)
ERROR: No matching distribution found for cikit-learn

(base) C:\Users\jaswa>pip install scikit-learn
Requirement already satisfied: scikit-learn in c:\users\jaswa\anaconda3\lib\site-packages (1.0.2)
Requirement already satisfied: joblib>=0.11 in c:\users\jaswa\anaconda3\lib\site-packages (from scikit-learn) (1.1.0)
Requirement already satisfied: scipy>=1.1.0 in c:\users\jaswa\anaconda3\lib\site-packages (from scikit-learn) (1.9.1)
Requirement already satisfied: threadpoolctl>=2.0.0 in c:\users\jaswa\anaconda3\lib\site-packages (from scikit-learn) (2.2.0)
Requirement already satisfied: numpy>=1.14.6 in c:\users\jaswa\anaconda3\lib\site-packages (from scikit-learn) (1.21.5)

(base) C:\Users\jaswa>pip install matplotlib
Requirement already satisfied: matplotlib in c:\users\jaswa\anaconda3\lib\site-packages (3.5.2)
Requirement already satisfied: pillow>=6.2.0 in c:\users\jaswa\anaconda3\lib\site-packages (from matplotlib) (9.2.0)
Requirement already satisfied: cycler>=0.10 in c:\users\jaswa\anaconda3\lib\site-packages (from matplotlib) (0.11.0)
Requirement already satisfied: numpy>=1.17 in c:\users\jaswa\anaconda3\lib\site-packages (from matplotlib) (1.21.5)
Requirement already satisfied: fonttools>=4.22.0 in c:\users\jaswa\anaconda3\lib\site-packages (from matplotlib) (4.25.0)
Requirement already satisfied: packaging>=20.0 in c:\users\jaswa\anaconda3\lib\site-packages (from matplotlib) (21.3)
Requirement already satisfied: pyparsing>=2.2.1 in c:\users\jaswa\anaconda3\lib\site-packages (from matplotlib) (3.0.9)
Requirement already satisfied: kiwisolver>=1.0.1 in c:\users\jaswa\anaconda3\lib\site-packages (from matplotlib) (1.4.2)
Requirement already satisfied: python-dateutil>=2.7 in c:\users\jaswa\anaconda3\lib\site-packages (from matplotlib) (2.8.2)
Requirement already satisfied: six>=1.5 in c:\users\jaswa\anaconda3\lib\site-packages (from python-dateutil>=2.7->matplotlib) (1.16.0)

(base) C:\Users\jaswa>pip install pandas
Requirement already satisfied: pandas in c:\users\jaswa\anaconda3\lib\site-packages (1.4.4)
Requirement already satisfied: python-dateutil>=2.8.1 in c:\users\jaswa\anaconda3\lib\site-packages (from pandas) (2.8.2)
Requirement already satisfied: pytz>=2020.1 in c:\users\jaswa\anaconda3\lib\site-packages (from pandas) (2022.1)
Requirement already satisfied: numpy>=1.18.5 in c:\users\jaswa\anaconda3\lib\site-packages (from pandas) (1.21.5)
Requirement already satisfied: six>=1.5 in c:\users\jaswa\anaconda3\lib\site-packages (from python-dateutil>=2.8.1->pandas) (1.16.0)

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

(base) C:\Users\jaswa>
```