

Date	18 November
Team ID	PNT2022TMID10949
Project Name	machine learning based vehicle performance analyzer

## **1. Project Work Flow**

2. Data Collection

3. Data Pre-processing

4. Model Building

5. Application Building

## **6. Tasks:**

7. **1** Install Anaconda Navigator.

8. Install Required Libraries.

9. Data Collection.

a. Collect the dataset or Create the dataset

10. Data Preprocessing.

a. Import the Libraries.

b. Importing the dataset.

c. Checking for Null Values..

- d. Data Visualization.
- e. Taking care of Missing Data.
- f. Label encoding.
- g. One Hot Encoding.
- h. Feature Scaling.
- i. Splitting Data into Train and Test.

## 11. Model Building

- a. Training and testing the model
- b. Evaluation of Model

## 12. Application Building

- a. Create an HTML file
- b. Build a Python Code