

Trip Based Modelling of Fuel Consumption in Modern Fleet Vehicles Using Machine Learning

Team ID : PNT2022TMID18784

Project Flow

You will go through all the steps mentioned below to complete the project.

- User interacts with the UI (User Interface) to enter Data
- The entered data is analyzed by the model which is integrated
- Once model analyses the input the prediction is showcased on the UI

To accomplish this, we have to complete all the activities and tasks listed below

Data Collection:

1. Collect the dataset or Create the dataset

Data Pre-processing:

- a. Import the Libraries
- b. Importing the dataset.
Checking for Null Values.

Data Visualization:

1. Taking care of Missing Data
2. Label encoding
3. One Hot Encoding
4. Feature Scaling

Machine Learning:

1. Model Building
2. Training and testing the model of Evaluation of Model
Application Building
3. Create an HTML file
4. Build a Python flask code