

Project Design Phase – I

Date	29 September 2022
Team ID	PNT2022TMID25836
Project Name	Machine Learning Based Vehicle Performance Analyzer
Maximum Marks	2

Proposed Solution

S.No.	Parameter	Description
1.	Problem Statement	Examining the presentation of the vehicle is a challenging task because of the issues like motor falter, low fuel mileage and exhaustive smoke. Foreseeing the presentation level of vehicles is a significant and fascinating issue. The principal objective is to foresee the presentation of the vehicle to work on specific ways of behaving of the vehicle.
2.	Idea / Solution description	The factors that are estimated across various pieces of the vehicle and its presentation can be utilized to figure the state of the vehicle. This ceaseless course of gathering, examining, breaking down, and reporting vehicle's presentation can be utilized to acquire upper hand.
3.	Novelty / Uniqueness	The exhibition goals like mileage, steadfastness, adaptability and cost can be gathered to assume an essential part in the expectation motor and motor administration framework. This approach is a vital stage towards grasping the vehicle's execution.
4.	Social Impact / Customer Satisfaction	The principal objective is to fulfill the client needs by giving better performance (mileage). Customers get benefited by high mileage as it decreases the fuel utilization rate. In this way the pace of vehicle emission likewise diminishes which results in somewhat less contamination.

5.	Business Model	Because of high mileage and low upkeep cost, numerous clients get drawn in which increases the benefit of the business. Since all the parameters of the vehicle are broke down, it brings about least assistance necessity.
6.	Scalability of the Solution	This task will give promising outcomes in foreseeing the vehicle execution that makes a difference us to improve vehicles.