

Project Design Phase-I
Proposed Solution Template

Date	24 September 2022
Team ID	PNT2022TMID20562
Project Name	Project - Machine Learning based Vehicle Performance Analyzer

Proposed Solution Template:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	Choosing the most fuel-efficient vehicle that meets your everyday needs to save money as well as help the environment.
2.	Idea / Solution description	Keeping vehicle, passenger safety and fuel choice as most weighted parameters and other parameters as comparatively less weighted, the performance of the vehicle is analyzed using ML.
3.	Novelty / Uniqueness	In addition to optimizing the cost for a fuel-efficient vehicle, we also consider Environmental factors.
4.	Social Impact / Customer Satisfaction	Customers will be able to learn more about their own vehicles. The vehicle being comparatively environment friendly will also optimize the cost.
5.	Business Model (Revenue Model)	Profitable for the automobile industry as with the analysis they get, they can plan and improve their future models.
6.	Scalability of the Solution	High scalability. The model will help the customers to wisely choose the vehicle as per their feasibility and learn more about their vehicles.