



Project Initialization and Planning Phase

Date	15 July 2024
Team ID	740033
Project Name	Car Performance Prediction
Maximum Marks	3 Marks

Define Problem Statement:

The problem statement for car performance prediction involves developing a model to accurately forecast the performance metrics of a car, such as speed, fuel efficiency, and handling.

This prediction is based on various input parameters like engine specifications, aerodynamics, weight, and environmental conditions. The goal is to provide reliable performance estimations that can guide manufacturers in design decisions, enhance vehicle optimization, and inform consumers.

Accurate predictions can lead to improved car designs, reduced emissions, and better fuel efficiency, ultimately advancing automotive engineering and market competitiveness.

We will also be deploying our model locally using Flask

I am I am trying to develop a predictive model for car performance	I'm trying to I'm trying to accurately forecast car performance	But I'm trying to accurately forecast car performance	Because Because the existing methods do not provide reliable or	Which makes me feel Which makes me feel frustrated and concerned about
---	---	---	---	---

	metrics such as speed, fuel efficiency, and handling.	metrics such as speed, fuel efficiency, and handling	comprehensive performance estimations.	the reliability and optimization of car designs.
--	---	--	--	--



Problem Statement(PS)	I am	I'm trying to	But	Because	Which makes me feel
PS-1	I am trying to develop a predictive model for car performance	I'm trying to accurately forecast car performance metrics such as speed, fuel efficiency, and handling.	But I face challenges due to the complex interplay of various factors like engine specifications, aerodynamics, weight, and environmental conditions.	Because the existing methods do not provide reliable or comprehensive performance estimations.	Which makes me feel frustrated and concerned about the reliability and optimization of car designs.