

Model Development Phase

Date	16 july 2024
Team ID	740033
Project Title	Car Performance Prediction
Maximum Marks	5 Marks

Feature Selection Report Template

In the forthcoming update, each feature will be accompanied by a brief description. Users will indicate whether it's selected or not, providing reasoning for their decision. This process will streamline decision-making and enhance transparency in feature selection.

Feature	Description	Selected (Yes/No)	Reasoning
Engine Size	Manufacturer of the car	Yes	Directly impacts power and fuel efficiency.
Horsepower	Engine power output	Yes	Critical for performance analysis.

Torque	Rotational force of the engine	Yes	Influences acceleration and towing capacity..
Fuel Type	Type of fuel used (petrol, diesel, electric, etc.)	Yes	Determines fuel efficiency and emissions

Weight	Weight of the vehicle	Yes	Influences acceleration, handling, and fuel efficiency
Mileage	Total distance traveled	Yes	. Indicates wear and tear affecting performance.
Emission Ratings	Environmental impact rating	Yes	Relevant for regulatory compliance and eco-friendliness.