

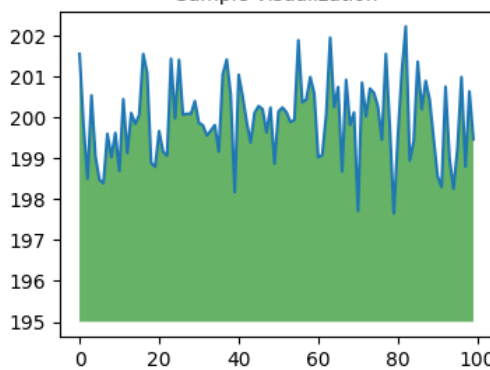
### Data Collection and Preprocessing Phase

Date	15 july 2024
Team ID	740033
Project Title	Car Performance Prediction
Maximum Marks	6 Marks

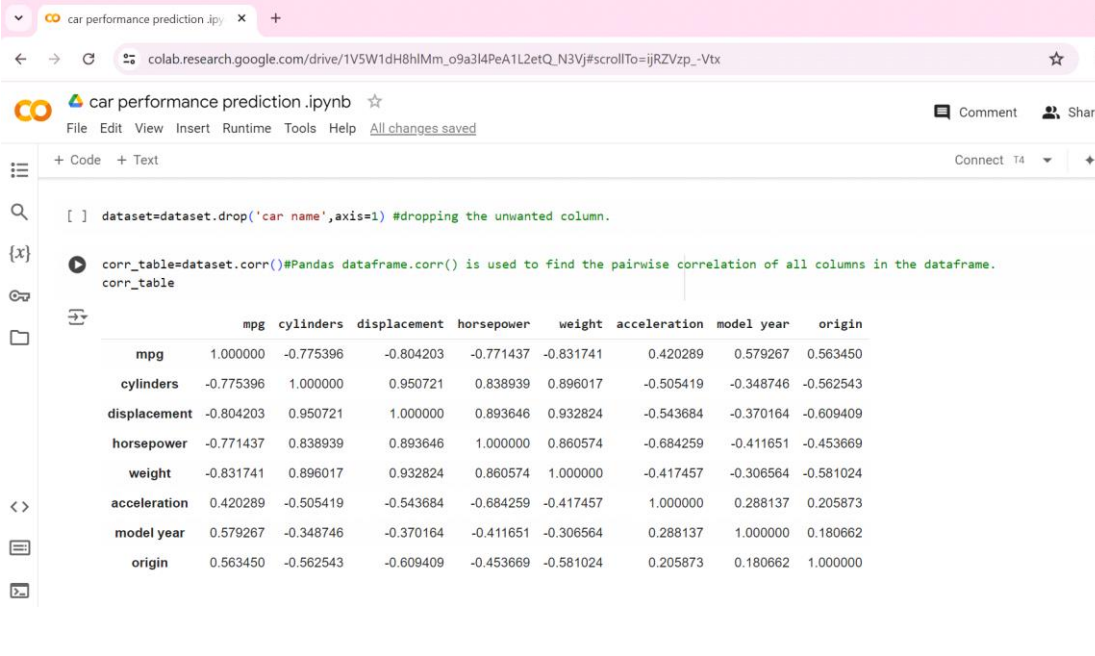
### Data Exploration and Preprocessing Report

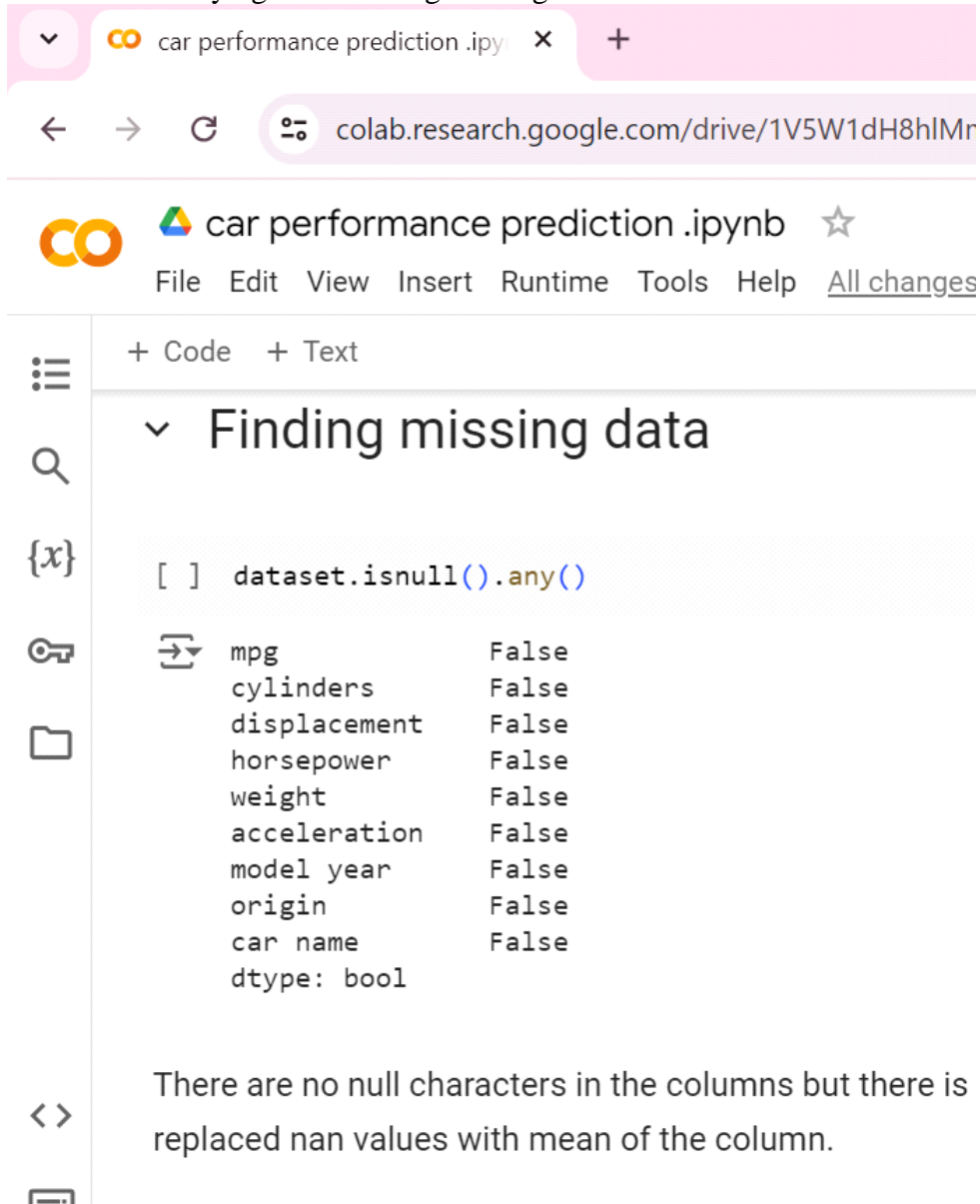
Analyzed dataset for car performance prediction, handling missing values, outliers, and ensuring data normalization. Performed feature selection and engineering to enhance model accuracy. Final dataset prepared for model training.

Section	Description
	Basic statistics, dimensions, and structure of the data. s
Univariate Analysis	Exploration of individual variables (mean, median, mode, etc.).
	Relationships between two variables (correlation, scatter plots).

	<p>Sample Visualization</p> 
Multivariate Analysis	Patterns and relationships involving multiple variables. Data Overview
Outliers and Anomalies	Identification and treatment of outliers.

Data Preprocessing Code Screenshots

	
Loading Data	

Handling Missing Data	<p>Code for identifying and handling missing values.</p> 
Data	Code for transforming variables (scaling, normalization).

Transformation	
Feature Engineering	Code for creating new features or modifying existing ones.