

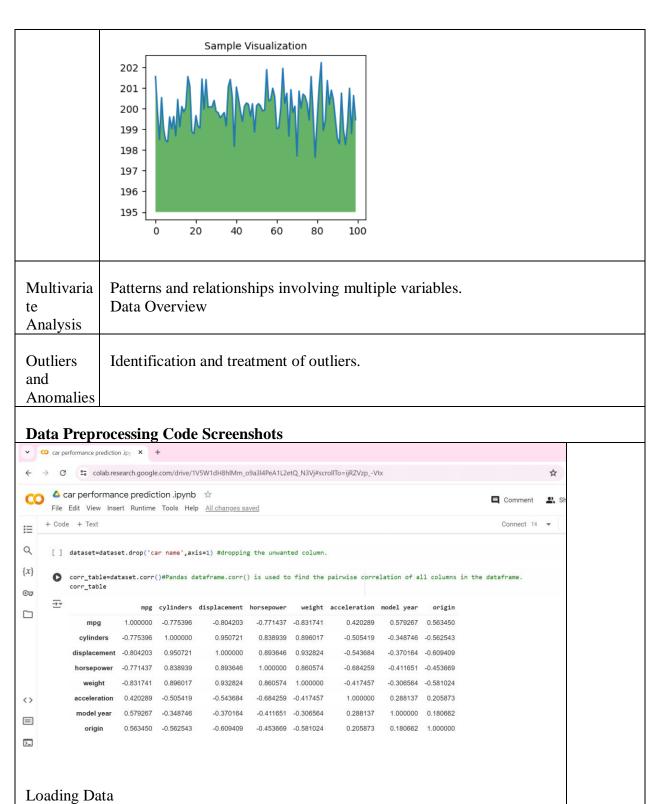
## **Data Collection and Preprocessing Phase**

| Date          | 15 july 2024               |
|---------------|----------------------------|
| Team ID       | 740771                     |
| Project Title | Car Performance Prediction |
| Maximum Marks | 6 Marks                    |

## **Data Exploration and Preprocessing Report**

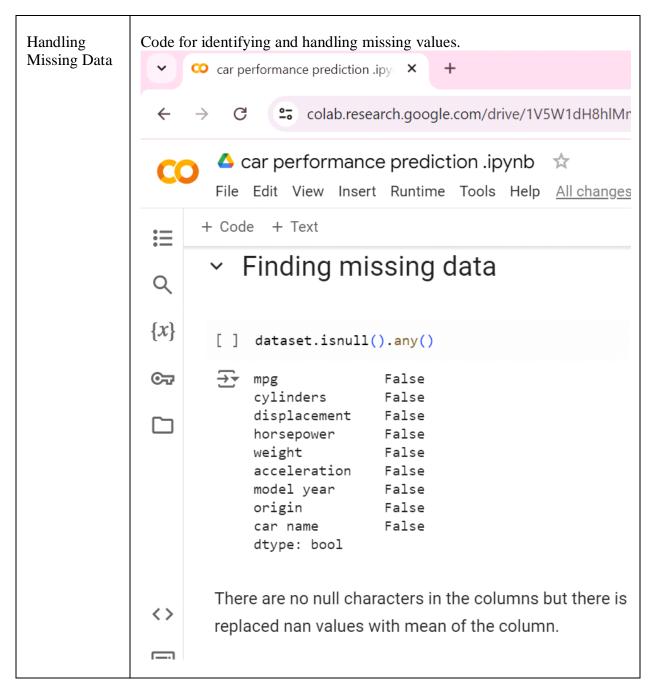
Analyzed dataset for car performance prediction, handling missing values, outliers, and ensuring data normalization. Performed feature selection and engineering to enhance model accuracy. Final dataset prepared for model training.

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









| Data<br>Transformation | Code for transforming variables (scaling, normalization).  |
|------------------------|--|
| Feature<br>Engineering | Code for creating new features or modifying existing ones. |