# Data Collection and Preprocessing Phase

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| Date | 15 March 2024 |
| Team ID | xxxxxx |
| Project Title | Predictive Modeling for Fleet Fuel Management using Machine Learning |
| Maximum Marks | 2 Marks |

**Data Quality Report**

This document outlines the data quality issues encountered in the fuel consumption dataset and provides a plan for addressing each issue to ensure the accuracy and reliability of the data used for predictive modeling.

| Data Source | Data Quality Issue | Severity | Resolution Plan |
|---|---|---|---|
| Fuel Consumption Records | Missing values in fuel consumption data | Moderate | Impute missing values using median values |
| | Duplicate entries | High | Remove duplicates based on unique transaction ID |
| | Outliers in fuel consumption amounts | High | Identify and remove outliers using IQR method |
| | Outliers in speed data | High | Identify and remove outliers using IQR method |