Data Collection and Preprocessing Phase

Date	8 July 2024
Team ID	SWTID1720195303
Project Title	Predictive Modeling For Fleet Fuel Management Using Machine Learning
Maximum Marks	2 Marks

Data Quality Report Template

The Data Quality Report Template will summarize data quality issues from the selected source, including severity levels and resolution plans. It will aid in systematically identifying and rectifying data discrepancies.

Data Source	Data Quality Issue	Severity	Resolution Plan
Fuel Logs	Missing Values	Moderate	Implement imputation techniques (e.g., mean, median) based on data type.
Vehicle Maintenance Records	Duplicates	Low	Remove duplicates based on timestamp and data consistency.
Vehicle Sensors	Outliers in Fuel Efficiency	High	Utilize robust statistical methods (e.g., IQR) to detect and handle outliers.
Fleet Management System	Inconsistent Data Formats	Moderate	Standardize data formats and ensure consistency across all records.