Data Collection and Preprocessing Phase

|  |  |
| --- | --- |
| Date | 15 March 2024 |
| Team ID | SWTID1720078183 |
| Project Title | Predictive Modeling for Fleet Fuel Management using Machine Learning |
| Maximum Marks | 2 Marks |

# Data Collection Plan & Raw Data Sources Identification

Elevate your data strategy with the Data Collection plan and the Raw Data Sources report, ensuring meticulous data curation and integrity for informed decision-making in every analysis and decision-making endeavor.

# Data Collection Plan

|  |  |
| --- | --- |
| **Section** | **Description** |
| Project Overview | Objective: Develop a predictive model to optimize fuel management for fleet operations using machine learning techniques.  Goal: Reduce fuel consumption and operational costs by accurately forecasting fuel needs and identifying inefficiencies. |
| Data Collection Plan | Historical fuel consumption records from fleet operations. |
| Raw Data Sources Identified | The list of the raw data sources is listed below |

**Raw Data Sources**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Source Name** | **Description** | **Location/URL** | **Format** | **Size** | **Access Permissions** |
| Fuel Consumptio n Records | Historical data on fuel purchases, usage, and refueling patterns. | fuelConsumption | CSV | 15 KB | Private (with access) |