Data Collection and Preprocessing Phase

Date	10 July 2024
Team ID	740673
Project Title	**TRAFFICTELLIGANCE-Advanced Traffic Volume Estimation with Machine Learning**
Maximum Marks	2 Marks

Data Collection Plan & Raw Data Sources Identification Report:

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	Growth in the number of vehicles and degree of urbanization means that the annual cost of traffic jams is increasing in cities. This leads to a decrease in the quality of life among citizens through a considerable waste of time and excessive fuel consumption and air pollution in congested areas
Data Collection Plan	- Search for datasets related to traffic management, urban development planning, and commuter guidance and navigation. - Prioritize datasets with diverse demographic information.
Raw Data Sources Identified	The raw data sources for this project include datasets obtained from Github , the popular platforms for data science competitions and repositories. The provided sample data represents a subset of the collected information, encompassing variables such as holiday, temperature, wheather, time and traffic_volume for machine learning analysis.

Raw Data Sources Report:

Source Name	Description	Location/URL	Format	Size	Access Permissions
Github Dataset	The dataset collected the details of holidays, wheather ,temperature ,rain ,clouds ,snow ,time and traffic volume .	https://github.com/ganeshdev24/Dataset.csv.git	CSV	2,264 kB	Public