**Data Collection and Preprocessing Phase**

|  |  |
| --- | --- |
| Date | 09 July 2024 |
| Team ID | SWTID1720019244 |
| Project Title | Traffictelligence: Advanced Traffic Volume Estimation with Machine Learning |
| Maximum Marks | 6 Marks |

**Data Exploration and Preprocessing Template**

Identifies data sources, assesses quality issues like missing values and duplicates, and implements resolution plans to ensure accurate and reliable analysis.

|  |  |
| --- | --- |
| **Section** | **Description** |
| Data Overview | Dimension:  48204 rows x 12 columns  Descriptive statistics: |
| Univariate Analysis |  |
| Bivariate Analysis |  |
| Multivariate Analysis | - |
| Outliers and Anomalies | - |
| **Data Preprocessing Code Screenshots** | |
| Loading Data |  |
| Handling Missing Data |  |
| Data Transformation |  |
| Feature Engineering | Attached the codes in final submission. |
| Save Processed Data | - |