

**Data Collection and Preprocessing Phase**

| <b>Data Source</b> | <b>Data Quality Issue</b> | <b>Severity</b> | <b>Resolution Plan</b> |
|--------------------|---------------------------|-----------------|------------------------|
|--------------------|---------------------------|-----------------|------------------------|

|        |   |     |   |
|--------|---|-----|---|
| Kaggle | missing data, outliers, high feature correlation, imbalanced data distribution, need for categorical data encoding, and varying data granularity. | Low | Use imputation method and data encoding |
|--------|---|-----|---|

|               |   |
|---------------|---|
| Date          | 22 June 2025  |
| Team ID       | LTVIP2025TMID43963  |
| Project Title | Trafficintelligence-Advanced-Traffic-VolumeEstimation-With-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.

|             |  |          |   |
|-------------|--|----------|---|
| Skillwallet | performance issues, feature limitations, | Moderate | optimizing performance, adding essential features |
|-------------|--|----------|---|