**Project Development Phase**

**Model Performance Test**

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| Date | 25 June 2025 |
| Team ID | LTVIP2025TMID43747 |
| Project Name | TrafficTelligence Advanced Traffic Volume Estimation With Machine Learning |
| Maximum Marks | 10 Marks |

**Model Performance Testing:**

Project team shall fill the following information in model performance testing template.

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| **S.No.** | **Parameter** | **Values** | **Screenshot** |
|  | Metrics | **Regression Model:** MAE – ,  MSE – 1838.3976719006828, RMSE – ,  R2 score -0.8066516776309793  **Classification Model:** Confusion Matrix - , Accuray Score- & Classification Report - |  |
|  | Tune the Model | Box plot-  Validation Method – train\_test\_split |  |