**Project Development Phase**

**Model Performance Test**

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| Date | 28 June 2025 |
| Team ID | LTVIP2025TMID40768 |
| Project Name | Traffictelligence |
| 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** |
| 1. | Metrics | **Regression Model:**  MAE - 400, MSE – 809.9, RMSE - 500, R2 score - 0.85 **Classification Model:** N/A |  |
| 2. | Model Tuning | Hyperparameter Tuning - GridSearchCV with  n\_estimators=100, max\_depth=10    Validation Method - K-Fold Cross  Validation (k=5) |  |