**Project Development Phase**

**Model Performance Test**

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| Date | 17th July, 2025 |
| Team ID | LTVIP2025TMID56158 |
| 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 - , RMSE - , R2 score - | 798.2812004550777 |
|  | Tune the Model | Hyperparameter Tuning – Used XGBoost |  |