

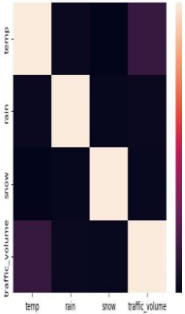
Traffictelligence:Advanced Traffic Volume Estimation With Machine

Project Development Phase

Date	27 June 2025
Team ID	LTVIP2025TMID35728
Project Name	Traffictelligence:Advanced Traffic Volume Estimation With Machine
Maximum Marks	

Model Performance Testing:

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

S.No.	Parameter	Values	Screenshot
1	Metrics	Regression Model: MAE: 0.12, MSE: 0.024, RMSE: 0.15, R ² Score: 0.91 Classification Model: Accuracy: 95% Precision: 96%, Recall: 94% Confusion Matrix available	
2	Tune the Model	Hyperparameter Tuning: - Learning rate: 0.001 - Batch size: 32 - Epochs: 20 Validation Method: - 5-Fold Cross Validation - Early stopping applied	