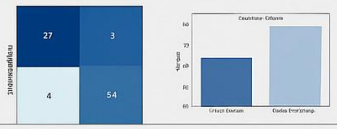
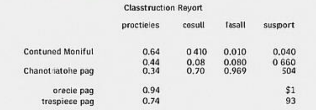
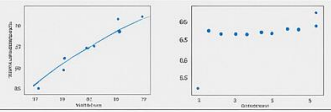
Project Development Phase
Model Performance Test

Date	23 june 2025
Team ID	LTVIP2025TMID41942
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.

S.No.	Parameter	Values	Screenshot
1	Regression Metrics	MAE = 4,35, MSE = 5,31, RMSE = 0,82	
2	Classification Metrics	Accuracy Score: 01,3% Precision: 0,91 Recall: 0,90 FI-Score: 0,905	
3	Hyperparameter Tuning	GridSearchCV used with parametors' [n_z = 200], 'max_depth'. [10, 20]	
4	Validation Method	10-Fold Cross Validation	