Project Development Phase
Model Performance Test

Date	23 June 2025
Team ID	LTVIP2025TMID53017
Project Name	Project -Fight finder-navigating your air travel options
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.	Metrics	**Regression Model:** MAE - 1.82, MSE - 5.75 , RMSE -2.40 , R2 score -0.88 **Classification Model:** Confusion Matrix - [[45, 8], [5, 42]] , Accuray Score- 0.87 or 87% & Classification Report - Precision: 0.88, Recall: 0.84, F1-score: 0.86	
2.	Tune the Model	Hyperparameter Tuning - Used Dense(64), 5 epochs, Adam optimizer Validation Method - Train/Test Split (80/20)	