Project Development Phase Model Performance Test

Date	23 June 2025
Team ID	LTVIP2025TMID53065
Project Name	Shopsmart:Your Digital Grocery Store
	Experience
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	Confusion Matrix: [[47 6] [4 43]] Classification Report:
		Classification Model: Confusion Matrix - [[45, 8], [5, 42]] , Accuray Score- 0.87 or 87% & Classification Report - Precision: 0.88, Recall: 0.84, F1score: 0.86	accuracy 0.90 100
2.	Tune the Model	Hyperparameter Tuning - Used Dense(64), 5 epochs, Adam optimizer Validation Method - Train/Test Split (80/20)	To enable the following instructions: SSE3 SSE4.1 SSE4.2 AVX AVX2 AVX_MNVI FMA, in other operations, rebuild Tensor Epoch 1/10 4/4