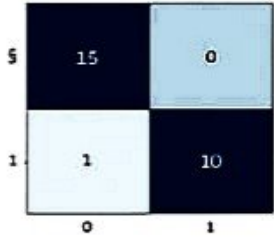
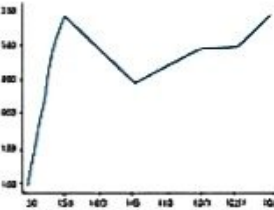


Project Development Phase
Model Performance Test

Date	28 June 2025
Team ID	LTVIP2025TMID33895
Project Name	GrainPalette: A Deep Learning Odyssey in Rice Type Classification Through
Maximum Marks	10 Marks

Model Performance Testrig:

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

S.No.	Parameter	Values	Screenshot
1.	Metrics	Regression Model: MAE - MSE - RMSE -R2 score Classification Model: Confusion Matriv - Accuracy Score - Classification Report.	 <p>A 2x2 confusion matrix with rows labeled 0 and 1, and columns labeled 0 and 1. The values are: (0,0)=15, (0,1)=0, (1,0)=1, (1,1)=10.</p>
2.	Tune the Model	Hyperparameter Tuning - Validation Method	 <p>A line graph showing performance over iterations. The x-axis ranges from 10 to 1615 with labels at 10, 150, 160, 110, 120, 120, 1615. The y-axis ranges from 100 to 110. The line starts at 100, rises sharply to a peak of approximately 108 at iteration 150, then drops to about 104 at iteration 160, and then fluctuates slightly before ending at approximately 107 at iteration 1615.</p>