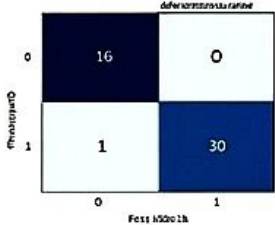
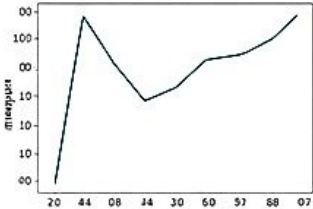


Project Development Phase
Model Performance Test

Date	28 June 2025
Team ID	LTVIP2028TMID44435
Project Name	GrainPalette: A Deep Learning Odyssey in Rice Type Classification Through
Maximum Marks	10 Marks

Model Performance Testirig:

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

S.No.	Parameter	Values	Screenshot
1.	Metrics	Regression Model: MAE ▪ MSE ▪ RMSE ▪ R2 score Classification Model: Confusion Matrix ▪ Accuracy Score ▪ Classification Report .	 <p>A confusion matrix for a binary classification task. The y-axis is labeled 'Predicted' with values 0 and 1. The x-axis is labeled 'Test Actual' with values 0 and 1. The matrix shows 16 true positives (top-left), 0 false positives (top-right), 1 false negative (bottom-left), and 30 true negatives (bottom-right).</p>
2.	Tune the Model	Hyperparameter Tuning - Validation Method -	 <p>A line graph showing model performance over iterations. The y-axis is labeled 'Loss' and ranges from 0.0 to 0.05. The x-axis is labeled 'Iteration' and ranges from 20 to 67. The graph shows a sharp initial drop in loss, followed by a period of relative stability with minor fluctuations, and then a slight upward trend towards the end of the iterations.</p>