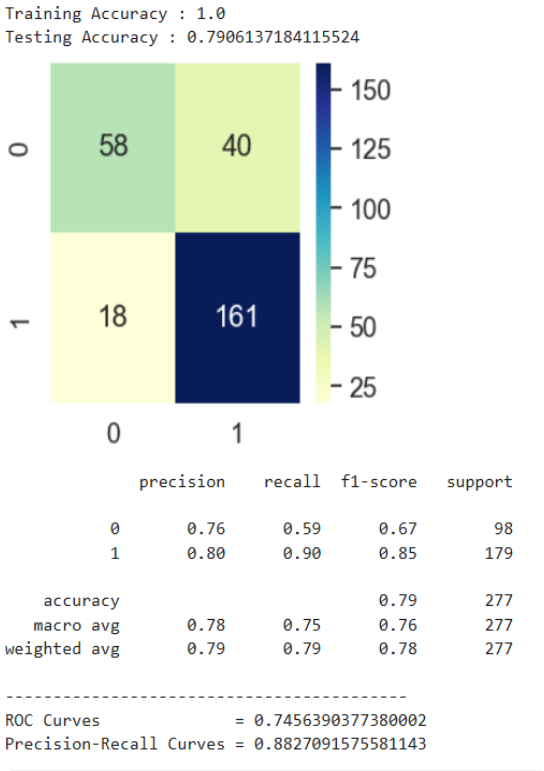
Project Development Phase Model
Performance Test

Date	14 Feb 2026
Team ID	LT VIP2026TMIDS47450
Project Name	prosperity prognosticator: machine learning for startup success prediction
Maximum Marks	10 Marks

Model Performance Testing:

S.No.	Parameter	Values	Screenshot
1.	Metrics	Classification Model: Confusion Matrix: [[58 40] [18 161]] Accuracy Score: 79.06% Classification Report: 1. Class 0 (Unsuccessful Startup) → Precision: 0.76, Recall: 0.59, F1-Score: 0.67 2. Class 1 (Successful Startup) → Precision: 0.80, Recall: 0.90, F1-Score: 0.85 Overall Accuracy: 79.06%