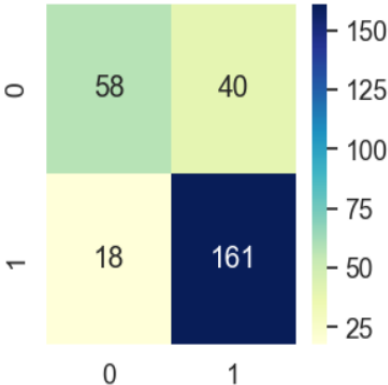


## Project Development Phase Model Performance Test

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	<p>Classification Model: Confusion Matrix: <math>\begin{bmatrix} 58 &amp; 40 \\ 18 &amp; 161 \end{bmatrix}</math></p> <p>Accuracy Score: 79.06%</p> <p>Classification Report:</p> <div><div>1. Class 0 (Unsuccessful Startup) → Precision: 0.76, Recall: 0.59, F1-Score: 0.67</div><div>2. Class 1 (Successful Startup) → Precision: 0.80, Recall: 0.90, F1-Score: 0.85</div></div> <p>Overall Accuracy: 79.06%</p>	<div><p>Training Accuracy : 1.0 Testing Accuracy : 0.7906137184115524</p><table><thead><tr><th></th><th>0</th><th>1</th><th></th></tr></thead><tbody><tr><th>0</th><td>58</td><td>40</td><td></td></tr><tr><th>1</th><td>18</td><td>161</td><td></td></tr><tr><th></th><th>0</th><th>1</th><th></th></tr></tbody></table><table><thead><tr><th></th><th>precision</th><th>recall</th><th>f1-score</th><th>support</th></tr></thead><tbody><tr><th>0</th><td>0.76</td><td>0.59</td><td>0.67</td><td>98</td></tr><tr><th>1</th><td>0.80</td><td>0.90</td><td>0.85</td><td>179</td></tr><tr><th>accuracy</th><td></td><td></td><td>0.79</td><td>277</td></tr><tr><th>macro avg</th><td>0.78</td><td>0.75</td><td>0.76</td><td>277</td></tr><tr><th>weighted avg</th><td>0.79</td><td>0.79</td><td>0.78</td><td>277</td></tr></tbody></table><p>-----</p><p>ROC Curves = 0.7456390377380002 Precision-Recall Curves = 0.8827091575581143</p></div>		0	1		0	58	40		1	18	161			0	1			precision	recall	f1-score	support	0	0.76	0.59	0.67	98	1	0.80	0.90	0.85	179	accuracy			0.79	277	macro avg	0.78	0.75	0.76	277	weighted avg	0.79	0.79	0.78	277
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