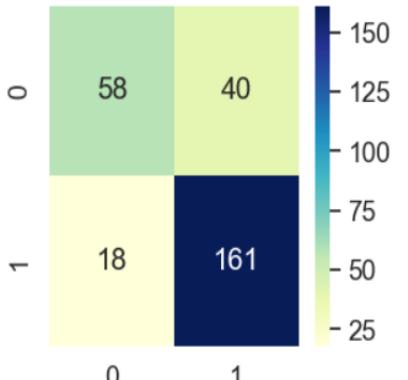


**Project Development Phase Model**  
**Performance Test**

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: [[58 40] [18 161]]</p> <p>Accuracy Score: 79.06%</p> <p>Classification Report:</p> <ul style="list-style-type: none"> <li>1. Class 0 (Unsuccessful Startup) →  Precision: 0.76, Recall: 0.59, F1-Score: 0.67</li> <li>2. Class 1 (Successful Startup) →  Precision: 0.80, Recall: 0.90, F1-Score: 0.85</li> </ul> <p>Overall Accuracy: 79.06%</p>	<p>Training Accuracy : 1.0  Testing Accuracy : 0.7906137184115524</p>  <table border="1"> <thead> <tr> <th></th> <th>precision</th> <th>recall</th> <th>f1-score</th> <th>support</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>0.76</td> <td>0.59</td> <td>0.67</td> <td>98</td> </tr> <tr> <td>1</td> <td>0.80</td> <td>0.90</td> <td>0.85</td> <td>179</td> </tr> </tbody> </table> <hr/> <p>accuracy = 0.79  macro avg = 0.78  weighted avg = 0.79</p> <hr/> <p>ROC Curves = 0.7456390377380002  Precision-Recall Curves = 0.8827091575581143</p>		precision	recall	f1-score	support	0	0.76	0.59	0.67	98	1	0.80	0.90	0.85	179
	precision	recall	f1-score	support														
0	0.76	0.59	0.67	98														
1	0.80	0.90	0.85	179														