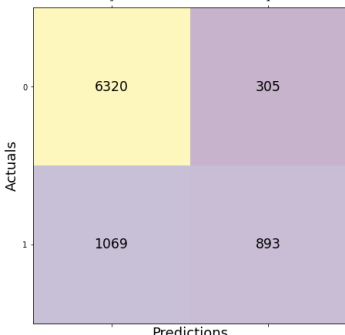


Project Development Phase Model Performance Test

Date	19 November 2022
Team ID	PNT2022TMID02252
Project Name	Exploratory Analysis of RainFall Data in India For Agriculture
Maximum Marks	10 Marks

Model Performance Testing:

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

S.No.	Parameter	Values	Screenshot																																							
	Metrics	<div>Classification Model:</div> <ul style="list-style-type: none">Confusion MatrixAccuray Score-0.999796203563526Classification Report	<div><div>Confusion Matrix</div><table><thead><tr><th></th><th>0</th><th>1</th></tr></thead><tbody><tr><th>0</th><td>6320</td><td>305</td></tr><tr><th>1</th><td>1069</td><td>893</td></tr></tbody></table></div> <div><div>Accuracy: 0.9997962035635263</div><div>Precession: 0.8003672494261763</div><div>Recall: 0.7045550362548805</div><div>F1-score: 0.7335725305435974</div></div> <div><pre>print(classification_report(y_test, p1))</pre><table><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>0.87</td><td>0.96</td><td>0.91</td><td>22067</td></tr><tr><td>1</td><td>0.77</td><td>0.51</td><td>0.61</td><td>6372</td></tr><tr><td>accuracy</td><td></td><td></td><td>0.85</td><td>28439</td></tr><tr><td>macro avg</td><td>0.82</td><td>0.73</td><td>0.76</td><td>28439</td></tr><tr><td>weighted avg</td><td>0.85</td><td>0.85</td><td>0.84</td><td>28439</td></tr></tbody></table></div>		0	1	0	6320	305	1	1069	893		precision	recall	f1-score	support	0	0.87	0.96	0.91	22067	1	0.77	0.51	0.61	6372	accuracy			0.85	28439	macro avg	0.82	0.73	0.76	28439	weighted avg	0.85	0.85	0.84	28439
	0	1																																								
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