

Project Development Phase Model Performance Test

Date	19 November 2023
Team ID	Team-592025
Project Name	Project – Online Fraud Detection using ML
Maximum Marks	10 Marks

Model Performance Testing:

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

S.No.	Parameter	Values	Screenshot																														
1.	Model Summary	F1score, recall, precision, support	<div><pre>print(classification_report(y_test,y_test_predict4))</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>1.00</td><td>1.00</td><td>1.00</td><td>52069</td></tr><tr><td>1</td><td>0.00</td><td>0.00</td><td>0.00</td><td>33</td></tr><tr><td>accuracy</td><td></td><td></td><td>1.00</td><td>52102</td></tr><tr><td>macro avg</td><td>0.50</td><td>0.50</td><td>0.50</td><td>52102</td></tr><tr><td>weighted avg</td><td>1.00</td><td>1.00</td><td>1.00</td><td>52102</td></tr></tbody></table></div>		precision	recall	f1-score	support	0	1.00	1.00	1.00	52069	1	0.00	0.00	0.00	33	accuracy			1.00	52102	macro avg	0.50	0.50	0.50	52102	weighted avg	1.00	1.00	1.00	52102
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0	1.00	1.00	1.00	52069																													
1	0.00	0.00	0.00	33																													
accuracy			1.00	52102																													
macro avg	0.50	0.50	0.50	52102																													
weighted avg	1.00	1.00	1.00	52102																													
2.	Accuracy	Training Accuracy – 99.94% Validation Accuracy -99.93%	<div><pre>train accuracy for svc 0.9994242036016064</pre><pre>test accuracy for svc 0.9993666270008829</pre></div>																														