

Project Development Phase

Model Performance Test

Date	10 November 2022
Team ID	PNT2022TMID53288
Project Name	Project – Early Detection of Chronic Kidney Disease using machine learning
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.	Metrics	<div>Classification Model:</div> <div>Confusion Matrix and Accuracy Score:</div> <div>Classification Report :</div>	<div><pre>confusion_matrix(y_test, model.predict(X_test))</pre><pre>array([[23, 0], [0, 9]], dtype=int64)</pre><pre>print(f"Accuracy is {round(accuracy_score(y_test, model.predict(X_test))*100, 2)}%")</pre><p>Accuracy is 100.0%</p><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>23</td></tr><tr><td>1</td><td>1.00</td><td>1.00</td><td>1.00</td><td>9</td></tr><tr><td>accuracy</td><td></td><td></td><td>1.00</td><td>32</td></tr><tr><td>macro avg</td><td>1.00</td><td>1.00</td><td>1.00</td><td>32</td></tr><tr><td>weighted avg</td><td>1.00</td><td>1.00</td><td>1.00</td><td>32</td></tr></tbody></table></div>		precision	recall	f1-score	support	0	1.00	1.00	1.00	23	1	1.00	1.00	1.00	9	accuracy			1.00	32	macro avg	1.00	1.00	1.00	32	weighted avg	1.00	1.00	1.00	32
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