
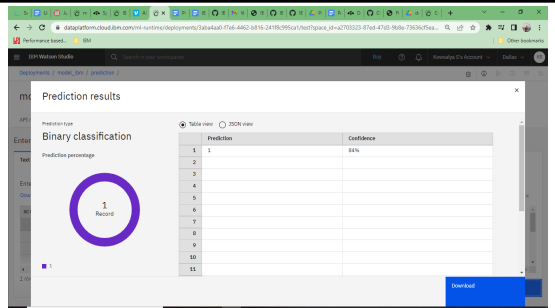


Project Development Phase Model Performance Test

Date	19 November 2022
Team ID	PNT2022TMID04381
Project Name	Project - Early Detection of Chronic Kidney Disease Using Machine Learning

Model Performance Testing:

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

S.No.	Parameter	Values	Screenshot																				
1.	Model Summary	-	 <table><caption>MODELS EVALUATION</caption><thead><tr><th>Model</th><th>F1</th><th>Specificity</th><th>Sensitivity</th></tr></thead><tbody><tr><td>LR</td><td>98.9</td><td>99.3</td><td>98.4</td></tr><tr><td>SVM</td><td>97.9</td><td>99.33</td><td>96.4</td></tr><tr><td>RF</td><td>98.7</td><td>96.6</td><td>99.8</td></tr><tr><td>GB</td><td>99.1</td><td>99.33</td><td>98.8</td></tr></tbody></table>	Model	F1	Specificity	Sensitivity	LR	98.9	99.3	98.4	SVM	97.9	99.33	96.4	RF	98.7	96.6	99.8	GB	99.1	99.33	98.8
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2.	Accuracy	Training Accuracy -84% Validation Accuracy -87.4%	 <table><caption>Prediction results</caption><thead><tr><th>Prediction</th><th>Confidence</th></tr></thead><tbody><tr><td>1</td><td>84%</td></tr></tbody></table>	Prediction	Confidence	1	84%																
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