Project Development Phase Model Performance Test

Date	10 November 2022
Team ID	Team - 519680
Project Name	Diabetes Prediction 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 Regression Model: MSE – 0.26708, RMSE – 0.516798, Classification Model: Confusion Matrix Accuray Score-0.695 & Classification Report	MSE – 0.26708, RMSE – 0.516798, Classification Model: Confusion Matrix Accuray Score-0.695 &	Random Forest				
			<pre># Check MSE & RMSE mse =mean_squared_error(Y_test, y_pred) print('Mean Squared Error : '+ str(mse)) rmse = math.sqrt(mean_squared_error(Y_test, y_pred)) print('Root Mean Squared Error : '+ str(rmse)) Mean Squared Error : 0.2670807453416149 Root Mean Squared Error : 0.5167985539275578 matrix = classification_report(Y_test,y_pred)</pre>				
		print(matrix)	precision	recall	f1-score	support	
		0 1 accuracy macro avg weighted avg	0.70 0.77 0.73	0.76 0.71	0.73 0.74 0.73	76 85 161 161 161	

