Project Development Phase Model Performance Test

Date	8 November 2023	
Team ID	592697	
Project Name	Diabetes Prediction 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.	Metrics	Regression Model: MAE - , MSE - , RMSE - , R2 score - Classification Model: Confusion Matrix - , Accuray Score- & Classification Report -	● Invent numpy as no from staken.matric. import mean_squared_error, mean_absolute_error, r2_score from staken.matric. import mean_squared_error, mean_absolute_error, r2_score from staken.matric. import mean_squared_error(ptest, y_pred) print(from squared from (PMS)) # most hear squared from (PMS) # mass absolute from (PMS) # mass ab
2.	Tune the Model	Validation Method -	from sklearm.metrics import confusion_metrix confusion_matrix_logistic - confusion_metrix_test, y_pred_logistic confusion_matrix_pt = confusion_matrix_test, y_pred_logistic confusion_matrix_pt = confusion_matrix_test, y_pred_logistic confusion_matrix_pt = confusion_matrix_test, y_pred_logistic confusion_matrix_ptost = confusion_matrix_test, y_pred_logistic confusion_matrix_ptost = confusion_matrix_test, y_pred_logistic print("Confusion_matrix = logistic Repression="in", confusion_matrix_ptost print("Confusion_matrix = madeon forest:"), confusion_matrix_ptost print("Confusion_matrix = madeon forest:") [22229 3925 123] [7835 38075 12737] [1848 3805 12737] [1848 3805 12737] [1848 3805 1273] [1848 3805 1273] [1848 3805 3803 1283] [1848 3805 3803 1283] [1848 3805 3803 1283] [1848 3805 3803 1283] [1848 3805 3803 1283] [1848 3805 3803 1283] [1848 3805 3803 1283 [1848 3805 3