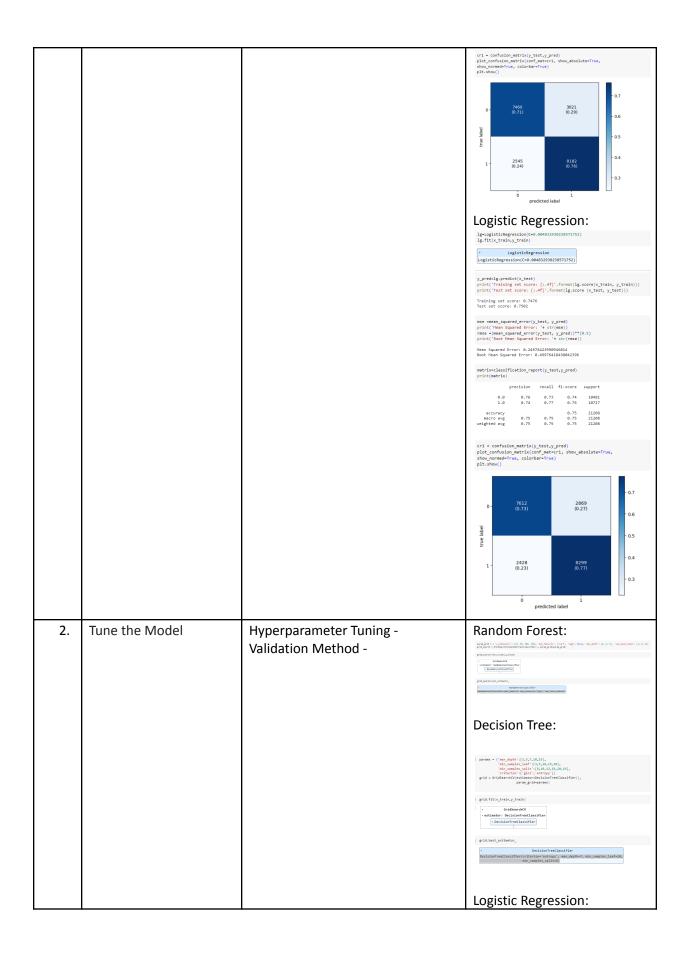
Model Performance Test

Oate 5th November 2023	
Team ID	592321
Project Name	Diabetes Prediction using Machine Learning

Model Performance Testing:

S.No.	Parameter	Values	Screenshot
1.	Parameter Metrics	Regression Model: MAE - , MSE - , RMSE - , R2 score - Classification Model: Confusion Matrix - , Accuray Score- & Classification Report -	Random Forest: cf-landedrost(lassifier/out_fetch-, out_fetcres-lagi', not_fet_code-) cf-fit(\(\text{cite}\)_{\text{cite}\}_{\
			1
			Decision Tree: dedecision-sclassifer(cristation-intropy', nodeptho', niosmpler_lesf-20, de_thoir_cristation-intropy', nodeptho', niosmpler_lesf-20, de_thoir_cristation



	gride('penalty': ['ll', 'l2', 'clasticnet'], 'C': np.logsnec(-4, 4, 20), 'solver': ['lifeg', 'nenon-org', 'liblinear', 'nag', 'naga'], 'max_iter': [100, 1000, 2000, 2000, 7000, 10000, 15000] '] logreg_cv-dridiearchCV(logiticRegression(),grid,cv=10)
	logreg_cv.fit(x_train,y_train)
	oridsearch(V estimater LogisticRegression LogisticRegression
	logreg_cv.best_estimator_ - LogisticRegression LogisticRegression(@00.004832930238571753)