Project Development Phase Model Performance Test

Model Performance Testing:

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

S.N o.	Parameter	Values	Screenshot
1.	Metrics	Regression Model: MAE - , MSE - , RMSE - , R2 score -	Random Forest Regressor
		- , NZ SCOTE -	<pre>In [40]: from sklearn.ensemble import RandomForestRegressor from sklearn.metrics import r2_score regressor = RandomForestRegressor(n_estimators=1000,max_depth=10,random_state=34) regressor.fit(X_train,np.ravel(Y_train,order='C'))</pre>
			Out[40]: RandomForestRegressor(max_depth=10, n_estimators=1000, random_state=34)
			<pre>In [41]: y_pred=regressor.predict(X_test) print(r2_score(Y_test,y_pred))</pre>
			0.834527626497731 In [42]: filename='resale_model.sav' pickle.dump(regressor.open(filename, 'wb'))
		Classification Model: Confusion Matrix - , Accuray Score- & Classification Report	In [40]: from sklearn.ensemble_import RandomForestRegressor from sklearn.metrics_import r2_score regressor = RandomForestRegressor(n_estimators=1000,max_depth=10,random_state=34) regressor.fit(X_train,np.ravel(Y_train,order=1C')) Out[40]: RandomForestRegressor(max_depth=10, n_estimators=1000, random_state=34) In [41]: y_predsregressor.predict(X_test) print(r2_score(Y_test,y_pred)) 0.834527624597731 In [42]: filename='resale_model.sav' pickle.dump(regressor,open(filename,'wb'))
		Label Encoder	Label Encoder 1: [17] from states_prepressing inpert tabeltonder Label
			In [Mai]: W-lambels filler[c], #I pulsars Kalabels filler[c], #I pulsars Kalabels filler[c], #I pulsars Ver, weshaps[-0,1]
			In [18] V-clasinds. [height], whose the clasinds [height], whose the clasinds [height], whose the class [height] and the victorial policy of the class [height] and the class [height] and the class [height] [hei