Project Development Phase Model Performance Test

Date	10 November 2022
Team ID	PNT2022TMIDxxxxxx
Project Name	Project - xxx
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 - , Accuracy Score- & Classification Report -	Regression model Code 3 Agressia model Lossic (coles batton model attacet) 7 The 12-200-11 (active processes and coles and

2.	Tune the Model	Hyperparameter Tuning - Validation Method -	Hyperparameter Tuning & validation method
			Code
			The blane model_calcution impose train_cast_pain_calcution in the model calcution impose train_cast_pain_calcution impose train_calcution impose train_calcution impose train_calcution calcution impose train_calcution
			"max_depth" [max_depth_s, 20], "mt_cample_pull" [1, 5, 10], "mt_ample_pull" [1, 5, 10], "mt_ample_pull" [1, 5, 10], "mt_ample_pull" [1, 5, 10], "mt_fample_pull"
			gris_search = GridSearchCv(estimator=rf_classifier, parmq_grid=parmq_gris, cv=), scoring='eccuracy' W fit the model with hyperparmaeter tuning gris_search_fit(C_train, y_train) W dat the best hyperparmaeters
			<pre>lost_params = grid_search.best_params_ substable.st model to make predictions best_model = grid_search.best_estimatorpred = best_model.predict(St(t))</pre>
			# Assluate the model uncoursy actuaring_score(p_test, p_pred) print("Set upperparenterin") print(test_pures) print(test_pures) print(theory_pures)
			Output
			ected: Test (green extent): Sent (estence): 'anno, 'min_sentine_lant': 2, 'min_sentine_calit': 2, 'm_estimentes': 60) According to the Best Pentine: 6.9666666666667 According to the Best Pentine: 6.966666666667