Project Development Phase Model Performance Test

Date	10 November 2022
Team ID	Team-591663
Project Name	Al-Driven Optimization Of 5G Resource
	Allocation For Network Efficiency
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 - 1.416666666666667 , MSE -12.590312500000001 , RMSE -4.51848057057532 , R2 score - 76.63699936427209	from sklearn.metrics import mean_absolute_error, mean_squared_error mae = mean_absolute_error(y_test, y_pred) # Calculate RMSE rmse = np.sqrt(mean_squared_error(y_test, y_pred)) print(f"Mean Absolute Error (MAE): {mae}") print(f"Root Mean Squared Error (RMSE): {rmse}") Mean Absolute Error (MAE): 1.416666666666667 Root Mean Squared Error (RMSE): 4.51848057057532 from sklearn.metrics import r2_score r2 = r2_score(y_test, y_pred) print(f"R^2 Score: {r2*100}") R^2 Score: 76.63699936427209
			from sklearn.metrics import mean_squared_error mse = mean_squared_error(y_test, y_pred) print(f"Mean Squared Error: {mse}") Mean Squared Error: 12.590312500000001

