

Project Development Phase
Model Performance Test

Date	08 November 2023
Team ID	Team-592212
Project Name	Project - AI-Driven Optimization Of 5G Resource Allocation For Network Efficiency
Maximum Marks	10 Marks

Model Performance Testing:

S.No.	Parameter	Values	Screenshot
1.	Metrics	Regression Model: <ul style="list-style-type: none">MAE – 0.0084187MSE – 0.0007550R2 score – 0.9138Accuracy – 91.38 %	<pre>mse = mean_squared_error(y_test, predictions) print(f'Mean Squared Error: {mse}')</pre> <p>Mean Squared Error: 0.0007550968749999963</p> <pre>: #Mean Absolute Error(MAE) mae = mean_absolute_error(y_test, predictions) print(f'Mean Absolute Error (MAE): {mae}')</pre> <pre>#R-squared accuracy = r2_score(y_test, predictions) print(f'R-squared: {accuracy}')</pre> <p>Mean Absolute Error (MAE): 0.008418750000000568 R-squared: 0.9138224778208733</p>