

Project Development Phase

Model Performance Test

Date	10 NOvember 2022
Team ID	PNT2022TMID14677
Project Name	Car Resale Value Prediction
Maximum Marks	10 Marks

Model Performance Testing:

Model used – Regression

Metrics:

- **MAE:** 1377.5136604841664
- **MSE:** 9979418.71328512
- **RMSE:** 3159.0217968993375
- **R-2:** 0.860497492549767

```
#predicting the values fo test test
y_pred = regressor.predict(X_test)

mae = metrics.mean_absolute_error(Y_test,y_pred)
mse = metrics.mean_squared_error(Y_test,y_pred)
rmse = np.sqrt(mse)
r2 = metrics.r2_score(Y_test,y_pred)

print("Results of sklearn.metrics:")
print("MAE:",mae)
print("MSE:", mse)
print("RMSE:", rmse)
print("R-Squared:", r2)
```

```
Results of sklearn.metrics:
MAE: 1377.5136604841664
MSE: 9979418.71328512
RMSE: 3159.0217968993375
R-Squared: 0.860497492549767
```