Project Development Phase
Model Performance Test

Date	20 November 2023
Team ID	Team_591780
Project Name	Car Purchase Prediction Using ML
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.	Confusion Matrix	Logistic Regression [[143 13] [26 68]]	
2.	Accuracy	Training accuracy 84.40	

Logistic Regression

Confusion Matrix

```
# making the confusion matrix
from sklearn.metrics import confusion_matrix
cm = confusion_matrix(y_test, y_pred)
```

```
print(cm)      #confusion Matrix

[[143  13]
 [ 26  68]]
```

Accuracy

```
# Use score method to get accuracy of Logistic Regression
score = classi.score(X_test, y_test)
print("Accuracy using Logistic Regression: ",score)
```

Accuracy using Logistic Regression: 0.844

Accuracy Score: 0.844

Estimated_Salary	0	1
0	143.000	13.000
1	26.000	68.000

Age