```
In [118]: predictions = logmodel.predict(X_test) # input new data
to predict the result
     ...: print(classification_report(y_test,predictions)) #
compare the predicted and y_test
     ...: print("accuracy_score")
     ...: print( accuracy_score(predictions, y_test) )
              precision    recall  f1-score   support

           0       0.56      0.44      0.49       211
           1       0.54      0.66      0.59       212

   micro avg       0.55      0.55      0.55       423
   macro avg       0.55      0.55      0.54       423
weighted avg       0.55      0.55      0.54       423

accuracy_score
0.5484633569739953

In [119]: svm_prediction=svc.predict(X_test)
     ...: print(classification_report(y_test,svm_prediction))
     ...: print("accuracy_score")
     ...: print( accuracy_score(svm_prediction, y_test) )
              precision    recall  f1-score   support

           0       0.94      0.08      0.15       211
           1       0.52      1.00      0.68       212

   micro avg       0.54      0.54      0.54       423
   macro avg       0.73      0.54      0.42       423
weighted avg       0.73      0.54      0.42       423

accuracy_score
0.5390070921985816

In [120]: svm_prediction_rbf=svc_rbf.predict(X_test)
     ...: print(classification_report(y_test,svm_prediction_rbf))
     ...: print("accuracy_score")
     ...: print( accuracy_score(svm_prediction_rbf, y_test) )
              precision    recall  f1-score   support

           0       0.00      0.00      0.00       211
           1       0.50      1.00      0.67       212

   micro avg       0.50      0.50      0.50       423
   macro avg       0.25      0.50      0.33       423
```

```
weighted avg       0.25      0.50      0.33       423

accuracy_score
0.5011820330969267
```

In [**121**]: