## Question8

June 6, 2021

(177, 14)

```
[14]: # sum of accuracy
sum_acc2 = 0.0
lr = LogisticRegression(solver='newton-cg')
for _ in range(10):
```

```
# train model
lr.fit(X_train, y_train)
# cal score of model (accuracy)
score = lr.score(X_test, y_test)
sum_acc2=sum_acc2+score
# average of acc
avg_acc = sum_acc2/10
print('average of accuracy using newton-cg',avg_acc)
```