hypermater tuning for lasso regression can be done in python without using lassCV API

```
In [1]:
              import pandas as pd
              df = pd.read_csv("Boston_Housing.csv")
 In [2]:
 In [3]:
              df.head(3)
 Out[3]:
               CRIM
                      ZN INDUS CHAS
                                                                                      B LS
                                        NOX
                                               RM
                                                   AGE
                                                           DIS RAD TAX PTRATIO
           0.00632
                     18.0
                            2.31
                                    0 0.538 6.575
                                                   65.2 4.0900
                                                                     296
                                                                                  396.90
                                                                  1
                                                                             15.3
           1 0.02731
                      0.0
                            7.07
                                     0 0.469 6.421
                                                   78.9 4.9671
                                                                  2
                                                                     242
                                                                                  396.90
                                                                             17.8
            0.02729
                                     0 0.469 7.185 61.1 4.9671
                                                                     242
                                                                                  392.83
                      0.0
                            7.07
                                                                  2
                                                                             17.8
 In [4]:
              x=df.iloc[:,:-1]
 In [5]:
            1 x.shape
 Out[5]:
          (506, 13)
 In [6]:
              y = df.iloc[:,-1]
 In [7]:
              y.shape
 Out[7]: (506,)
 In [8]:
              from sklearn.linear_model import Lasso
              model = Lasso()
In [10]:
              from sklearn.model_selection import train_test_split
           1
              xtrain,xtest,ytrain,ytest = train_test_split(x,y,test_size=0.25, random
              model.fit(xtrain,ytrain)
Out[10]: Lasso()
          In a Jupyter environment, please rerun this cell to show the HTML representation or
          trust the notebook.
          On GitHub, the HTML representation is unable to render, please try loading this page
          with nbviewer.org.
In [11]:
              from sklearn.model_selection import RepeatedKFold
           2
              cv=RepeatedKFold(n splits=10,n repeats=3, random state=1)
            3
In [12]:
           1
              from sklearn.metrics import r2_score
              ypred=model.predict(xtest)
              r2_score(ytest,ypred)
Out[12]: 0.662198077052326
```

Out[14]: Lasso(alpha=0.1)

1 model2 = Lasso(alpha=0.1)
2 model2.fit(xtrain,ytrain)

In [14]:

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