training set :

X Matrix (X_train) :
[[11.22   43.13 1017.24   80.9]
 [13.67   54.3 1015.92   75.42]
 [32.84   77.95 1014.68   45.8]
 ...
 [16.81   38.52 1018.26   75.21]
 [12.8   41.16 1022.43   86.19]
 [32.32   67.9 1006.08   37.93]]

Y Vector (y_train) :
[473.93 467.87 431.97 ... 459.01 462.72 428.12]

test set

X Matrix (X_test) :
[[28.66   77.95 1009.56   69.07]
 [17.48   49.39 1021.51   84.53]
 [14.86   43.14 1019.21   99.14]
 ...
 [12.24   44.92 1023.74   88.21]
 [27.28   47.93 1003.46   59.22]
 [17.28   39.99 1007.09   74.25]]

Y Vector (y_test) :
[431.23 460.01 461.14 ... 473.26 438.   463.28]

predicted values :
[431.42761597 458.56124622 462.75264705 ... 469.51835895 442.41759454
 461.88279939]

score of the Model:
0.9325315554761302