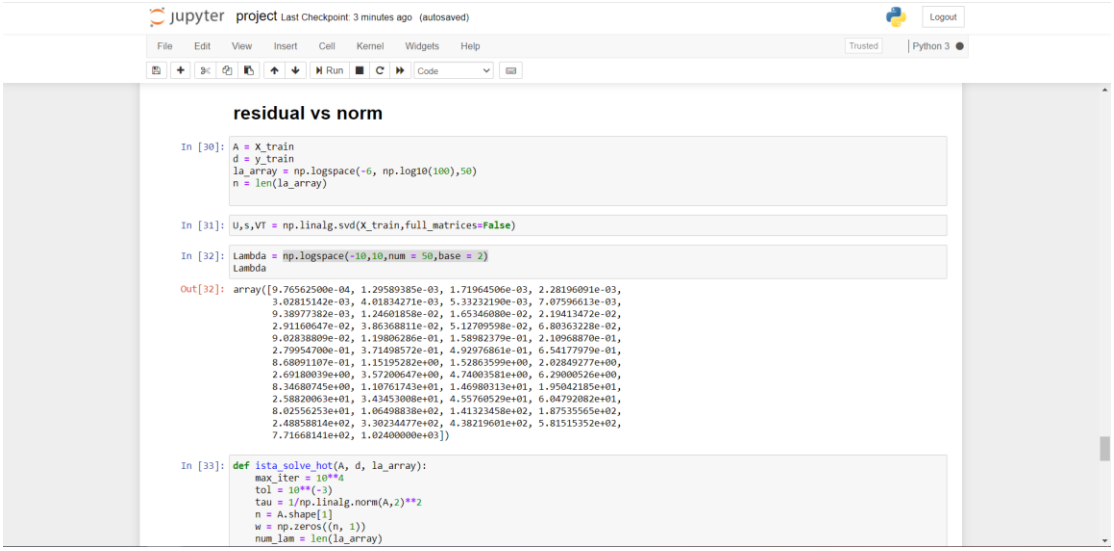
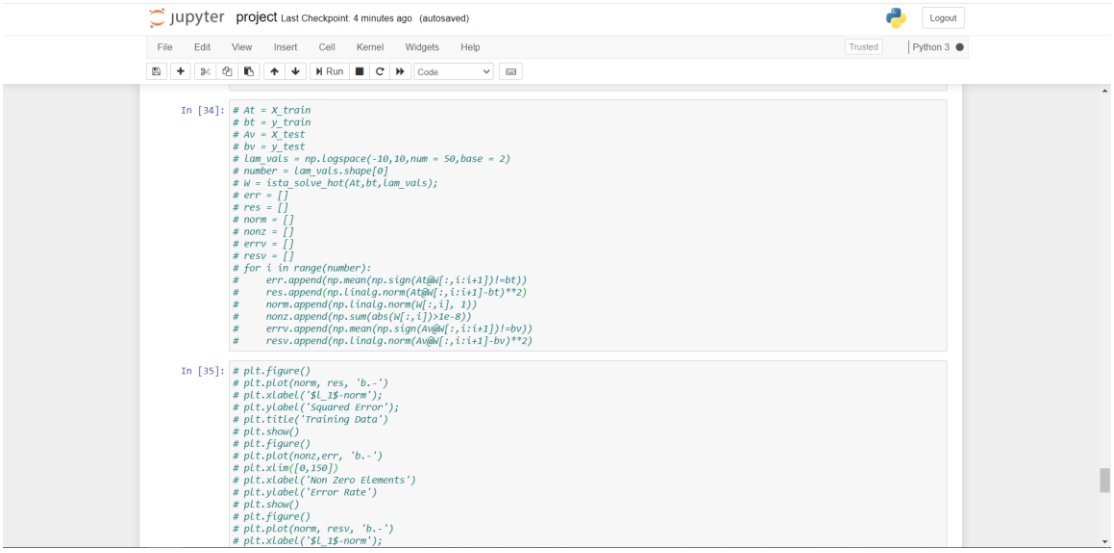
Project Update (Dec.1st)

What I have done since Nov.17th:

Algorithm design:

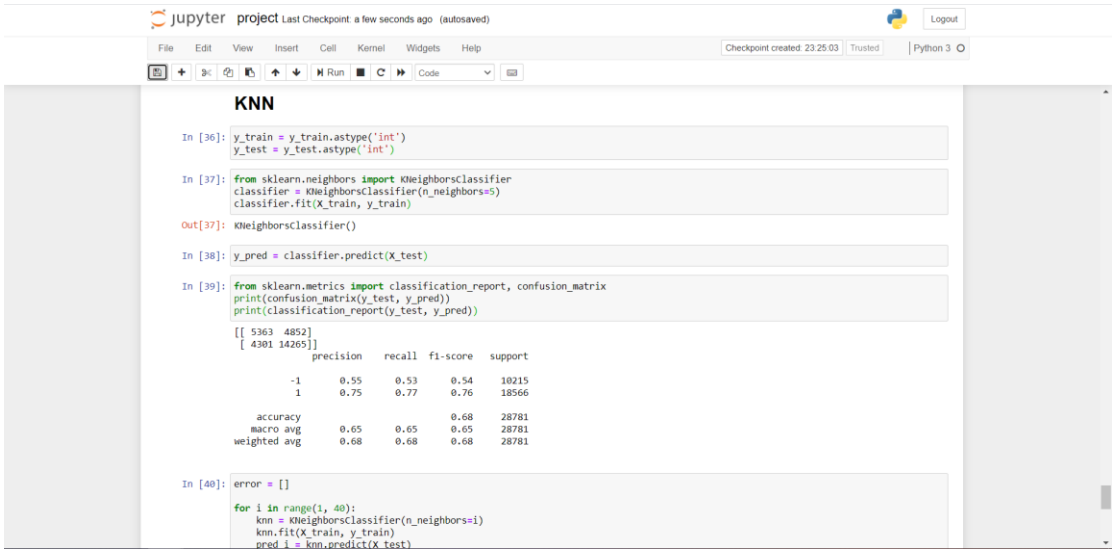
Residual vs norm

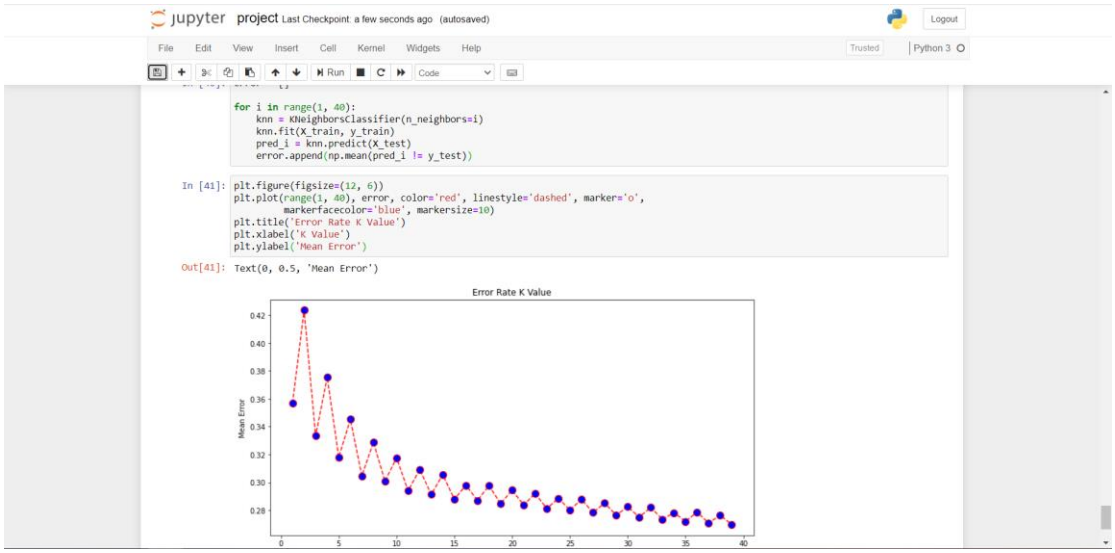




I am facing some problem in the last part of linear regression, which is a bug of array size, this bug will be fixed in the following days.

KNN





First of all I pick a K value of 5 to start and get an accuracy of 68%.

Next I compare the error rate with the K value and as you can see with the increase of K the error rate is getting smaller and smaller, so the next step is to set a better K value for this algorithm.

My plan ahead

Dec.1st – Dec.6th

1. Fix bug of linear regression
2. Change the K value to get better result in KNN
3. Neural networks(still learning from activity)

Dec.7th – Dec.12th

Report