

READ ME:

1. Please Use Google Colab to run my code.
2. In Google Colab: file→Open Notebook→ upload→ select my **.ipynb** file and open it
3. In the first cell of the code, when you run, it will ask to upload files.
4. Please check the name of the files, in my code I have used following names:
5. 1644871288\_9762487\_cleveland-train.csv – for train data
6. 1644871288\_9775174\_cleveland-test.csv –for test data
7. Please run each code block, in  
logistic\_regression\_training(x\_train,y\_train,x\_test,y\_test,learningRate,iteration) function please  
change iterations and learning rate to get different gradients, accuracies and cross entropy cost  
functions of a training model.
7. Finally in the last code block it generates an assignOut.txt file, it consists of predicted ratings of  
test data.
8. You can find assignOut.txt in the files section of google Colab.