ICS 485: Machine Learning
First Semester 2019/2020 (191)
Assignment No. 6
Logistic Regression (with neural network mindset)

1. Create a folder with the team# and Assignment#, e.g., Team-1_Assignment-6.
2. Once you have implemented the solutions for the needed problems, include only the python files (or Jupyter notebook files) and the assignment report in **PDF format**.
3. The report should answer the questions available in the Jupyter notebook files for the assignment.
4. The report should contain a cover page having useful information and a page which tabulates involvement of every team member (as percentage) for every question of the assignment. An example:

Involvement
Member-1 name: 30%
Member-2 name: 30%
Member-3 name: 40%

EXTRA:

1. Use the sentiment analysis dataset (link provide in Blackboard) and perform sentiment classification using logistic regression (refer to the slides on logistic regression). From the training set, select randomly 20% data as validation set for hyper parameters tuning. You can use build-in library for splitting the training set.