Homework #5
CS 539, Fall 2020

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100 points total [6% of your final grade]

Due: November 11, 2020 by 11:59pm
    [no submission will be accepted after November 13, 2020 at 11:59pm]

Delivery: Submit via Canvas

In this assignment, you will implement SVM with linear kernel using the subgradient in python3.

We provide the following files:
    a) problem1.py - You will implement several functions of SVM. Do not change the input and the output of the functions.
    b) test1.py - This file includes unit tests. Run this file by typing 'nosetests -v test1.py' in the terminal. No modification is required.

What to turn in:
- Submit to Canvas your problem1.py.
- This is an individual assignment, but you may discuss general strategies and approaches with other members of the class (refer to the syllabus for details of the homework collaboration policy).