MATH 497 Introduction to Machine Learning, Fall 2019

**Homework 2**

Due Date: October 23, Wednesday, 1:30 PM

**Rules for HW:**

• You are allowed to discuss HW with fellow students. But you have to write your own answer independently.

• You have to write your own Python code by yourself. You are prohibited from sharing, copying or editing any Python code from other students.

**How to turn in your HW?**

• Submit all your code through blackboard Assignment Link. The deadline for code submission is the class starting time 1:30PM of the due date.

**Problem:**

Following the [Course Notes](http://cs231n.github.io/) on

[CS231n: Convolutional Neural Networks for Visual Recognition, Spring 2019](http://cs231n.stanford.edu/)

for its [Assignment 1](http://cs231n.github.io/assignments2019/assignment1/) ,

(1) for the **svm.ipynb** file,

* fill in the missing code lines;
* answer the 2 Inline Questions.

(2) for the **softmax.ipynb** file,

* fill in the missing code lines;
* answer the 2 Inline Questions.