Machine Learning
Assignment
Monsoon 2020

1   Instructions

- Read the instructions and assignments carefully.

- The name of your main programming file must be, your name + "_" + assignment code. The the assignment code (e.g., AssignML02) is given in the beginning of the assignment.

- Create a folder with the same name as the main programming file and keep all the files in that folder. Then make it .zip file and upload it in the given link.

- Submit the assignment on time. Otherwise, it could lead to a heavy penalty.

2   Assignment

AssignML02(10 points): Consider the CIFAR10 dataset for image classification. Implement KNN classifier and estimate the optimal value of K for CIFAR10 dataset. Submit the classification result (create a confusion matrix) along with training error and testing error for different values of K including the estimated K.

The **deadline** for the submission of AssignML02 is **09-10-2020**.