Assignment II

Due: May 29, 2022.

Pick a dataset of your choice. From UCI classification datasets

(<https://archive.ics.uci.edu/ml/datasets.php?format=&task=cla&att=&area=&numAtt=&numIns=&type=&sort=nameUp&view=table>)

Use the SVM (svm.py) , Naïve Bayes (gaussNB.py) , as we learned in lecture 2 to classify the data

You can create also test data and check percentage of error – how good the algorithm performed.

Play with relevant parameters and determine the accuracy of the method. Print also confusion matrix to get a good sense of the error made by the model.

Submit:

1) code in Python

2) a word file summarizing the result include some measure of performance such as confusion matrix, and accuracy.

Enjoy!!