**Classification**

Download and the file two data sets from the Brightspace or Teams. There are different datasets and you are free to choose any two datasets. Inside, the files you can find the description of the data (attributes, classes and so on)

Tasks

1. Write a program to load data from the train/test files, and create a training set (75% of the data) and test set (25% of the data) ((10 marks)
2. Implement two classifiers of your choice classifier and measure the classification accuracy on the test instances. Classification accuracy is defined as the percentage of the total number of correctly classified instances to the total number of test instances. (40 marks)
3. Discuss how you would improve the classification performance of your chosen classifiers and implement/test the improvement (vary the parameters of your classifier and evaluate its performance). Briefly report your findings. (30marks)
4. For measuring the similarity between data points, try two different similarity/distance measures such as a) cosine similarity, b) Euclidean distance, and c) Manhattan distance. Compare the performance of your classifiers (20)