Machine learning: Home Assignment 4

Due to some rescheduling, there is no time for the five assignments. Therefore, instead of 10% of final grade each assignment will give you at most 12.5% of the final grade. There would not be fifth assignment.

Exercise 1:

For the given data set, attempt to develop logistic regression model to segment data into two classes.
NB! It is not guaranteed that you will succeed!!!

Exercises 2:

Investigate if you can train the model for any other supervised learning technique you know?

Exercise 3:

Would any unsupervised clustering technique cluster the data similarly to the given labels?

NOTE!

In some cases amount of available data may be not enough to split the data for training and validation sets. Therefore, in the frameworks of this homework you are supposed to perform model training only.

In the data file please ignore rows 1 and 12