Exercise #2

Attached is a file with 10 different classes.

The main goal of the exercise is to write one-against-all code. and apply the logistic regression to handle the k classes.

You can use ready-made Logistic Regression, in the sklearn library, but only on two classes 0/1!!!

Make a mix for the Celtics! (They are arranged by departments...)

Divide into 2/3 for learning and 1/3 for testing.

Analyze your results (look at the ten by ten "confusion" matrix and draw interesting conclusions.

You can use the command:

X\_train, X\_test, y\_train, y\_test = train\_test\_split(X, Y, test\_size=0.33, random\_state=42)