

### **Lab 3 Exercises (10 points)**

1. Report the precision, recall and F1 on the negative class (label=0) using a 5-fold cross validation on the dataset using a decision tree classifier with the only parameter criterion set to entropy. (4)
2. Report the precision, recall and F1 on the positive class (label=1) using a 70-30 split validation on the dataset using a Random Forests classifier with the only parameter criterion set to entropy and number of estimators set to 100. (4)
3. Report the precision, recall and F1 on the positive class (label=1) using a 5-fold cross validation on the dataset using a Logistic Regression classifier with C set to 1. (2)