



MSC. DATA SCIENCE & ARTIFICIAL INTELLIGENCE

INTRODUCTION TO MACHINE LEARNING

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## Final assignment

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# 1 Exploratory Data Analysis

## 2 Problem description

## 3 Solution

XGBoost is too slow.

Classifier	Accuracy
GradientBoostingClassifier	0.629
RandomForestClassifier	0.623
AdaBoostClassifier	0.612
MLPClassifier	0.602
BernoulliNB	0.600
GaussianNB	0.567
DecisionTreeClassifier	0.559
SVC	0.529
KNeighborsClassifier	0.520
GaussianProcessClassifier	0.509
SGDClassifier	0.509

Table 1: Accuracies of first prospect

## 4 Evaluation & critical view