

### **Data mining assignment**

Take this [dataset](#) with these [labels](#) and try to create models (eg. in Python or SCIK Spark mllib): logistic regression, decision tree and another one of your choice.

- A.) Take 1/2 of the data for training and 1/2 of the data for testing. Try to achieve AUC above 90%.
- B.) Describe what affects the churn (loss of customers) and what affected the quality of the model you created.
- C.) Try to make 1-2 main recommendations based on your model.

Make sure you have a clear summary of your findings understandable for non-programmers with a business background.

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