



Best credit
card
fraudulent
classifier.

the dataset

- the dataset
<https://www.kaggle.com/mlg-ulb/creditcardfraud>
- features are obscured (maybe result of a PCA Dimensionality reduction to protect user identities and sensitive features(v1-v28))
- time and target independent variable remain intact
- 31 columns > 284,000 rows @144MB

considered models: logistic
regression, decision tree,
random forest, xgboost

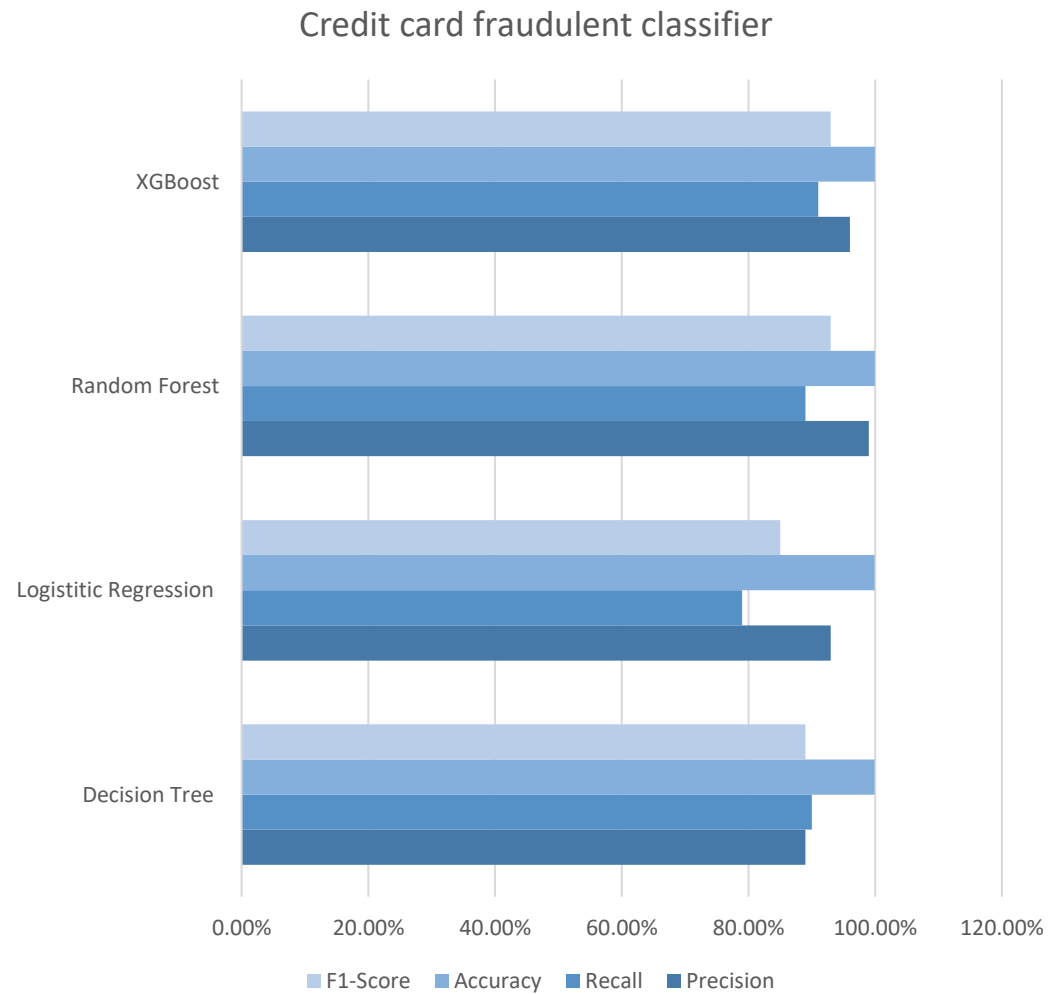
metrics: precision, recall, accuracy, and
F1-score



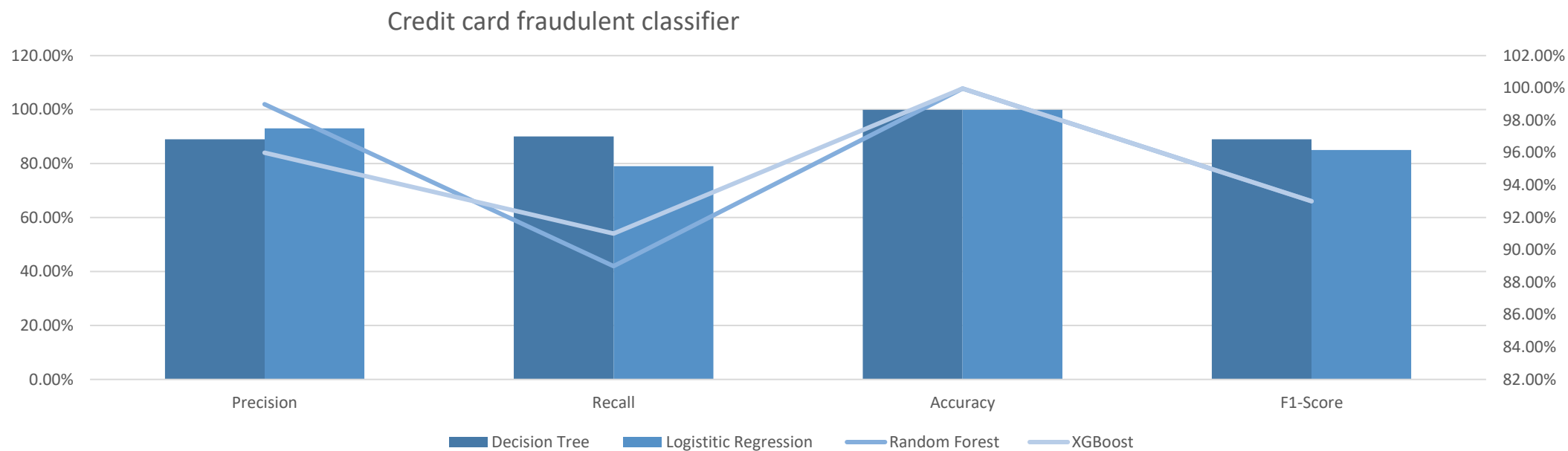


STOPPING
FRAUDULENT
TRANSACTIONS
AND NOT
LOSING MONEY!

random forest
classifier: number
1 in precision and
accuracy at 99%!



xgboost: number 1 recall at 91% with 96% in precision.



Thank You!