

Machine Learning - Classification results

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Data sets

- ▶ Two data sets from Kaggle
- ▶ Two data sets from UCI ML repository
 - ▶ Car evaluation
 - ▶ Malicious programs (AntiVirus)

Car evaluation

- ▶ Number of samples: 1728
- ▶ Number of attributes: 6
- ▶ Number of classes: 4

TODO: describe one instance

Car evaluation

preprocessing comes here..

Malicious programs

Idea is to detect if program is malicious or not.

- ▶ Number of samples: 373
- ▶ Number of dimensions: 513
- ▶ Number of classes: 2

Malicious programs - preprocessing

preprocessing comes here...

Classifiers

- ▶ Naive Bayes

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- ▶ SVM

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- ▶ SVM
- ▶ Decision Tree

Classifiers

- ▶ Naive Bayes
- ▶ SVM
- ▶ Decision Tree
- ▶ Random Forest

Conclusions

Questions?