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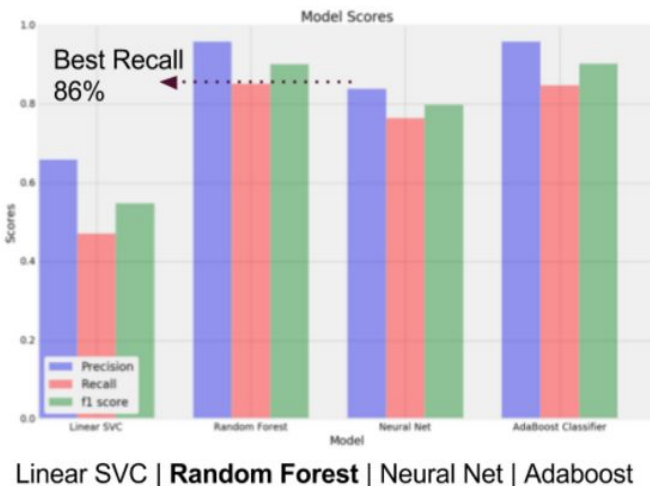
Apps 20 Calendar Gmail Galvanize Data Science Facebook Denver Workfor Denver, CO (802 AmazonSmile Connect for Heal Participant Centre » Other bookmarks

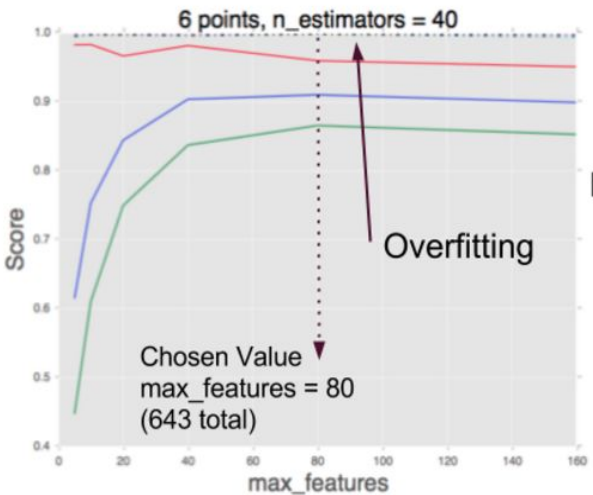
Fraud Detector 101 Home Scope Score Predict

Fraud Detection :
Fraudsters and Phishers and Spammers...Oh, my!
Designing a Predictive Model to Catch E-commerce Bad Guys



Random Forest Model - Features & Comparison



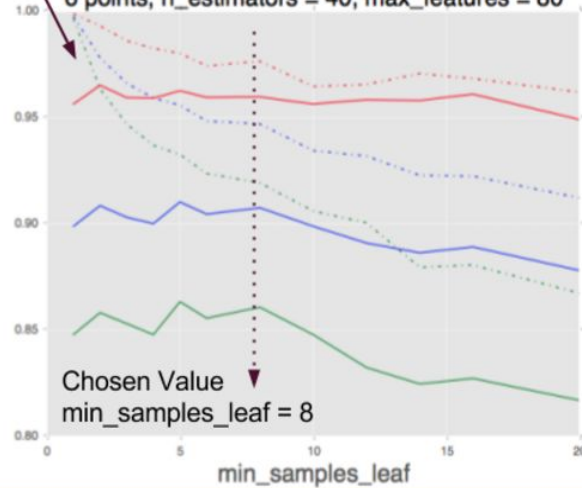


Train F1
Train Precision
Train Recall
Test F1
Test Precision
Test Recall

Random Forest Hyper-Parameters

No Overfitting

6 points, n_estimators = 40, max_features = 80



ROC Curve

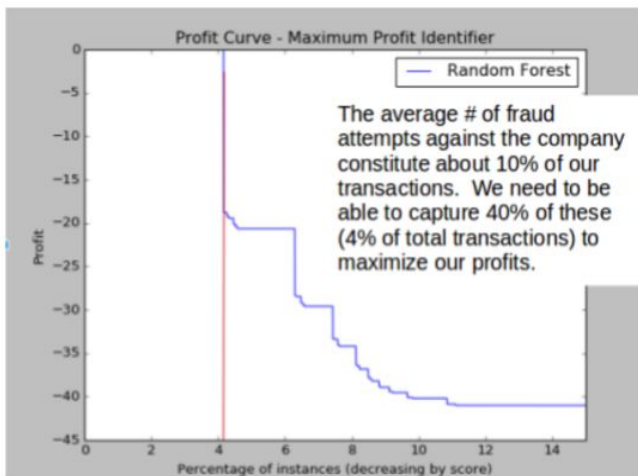
False Positive Rate



Cost Benefit Matrix

	Fraud	Not Fraud
Fraud	\$450	-\$50
Not Fraud	\$0	\$0

& Profit Curve



Top words came from Natural Language Processing from event and organization descriptions

Prediction Highlights

Book Now For Our 2 Hour Seminar

- How to replace your income in as little as 2 years
- How to pay your home off in 6 years
- Understand market timing: learn about the property clock and wh
- How to reduce your taxes legally, potentially to £0
- Build a balanced real estate portfolio structured for po
- How to diversify your portfolio across different markets
- Learn the secrets ONLY 5% of investors know that gen
- Discover how YOU can find properties that pay you the
- Learn how to add massive value, create instant equity
- Avoid common finance traps that destroy the investing
- Learn effective debt reduction secrets that most people
- How to save time by having a team of experts source

Prediction: Potential FRAUD

Prediction: Not fraud

Description:

Thanks for being awesome

Prediction: Potential FRAUD

Description:

You can get money from our gameshow. In a lot of people who joined in our game show, u must choose our question asap. The computer will choose the fastest people who answer our question correct and faster more than all people. So, u have to 15 question multiple choice. U will get some money from ur correct question.

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Fraud Detector 101 Home Scope Score **Predict**

Prediction: Not fraud

Description:

Thanks for being awesome

You can get money from our gameshow. In a lot of people who joined in our game show, u must choose our question asap. The computer will choose the fastest people who answer our question correct and faster more than all people. So, u have to 15 question multiple choice. U will get some money from ur correct question.