



Signature Classification

WellsFargo Fraud and Financial Crimes

Introductions



Zach Rauch
Data Science Student

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Agenda

A decorative graphic consisting of a grid of diagonal lines. The lines are arranged in a 10x10 grid, with the top-left corner being the lightest gray and the bottom-right corner being the darkest gray, creating a gradient effect.

- The Business Consideration
- Understanding the Data
- Methodology
- Model Performance
- App Demo
- What's Next

The Business Consideration

**WELLS
FARGO**



More than 27.5 Billion checks a year.

Check fraud costs banks \$900M a year

Account for 22 % of all fraudulent checks



Fraud and Financial Crimes

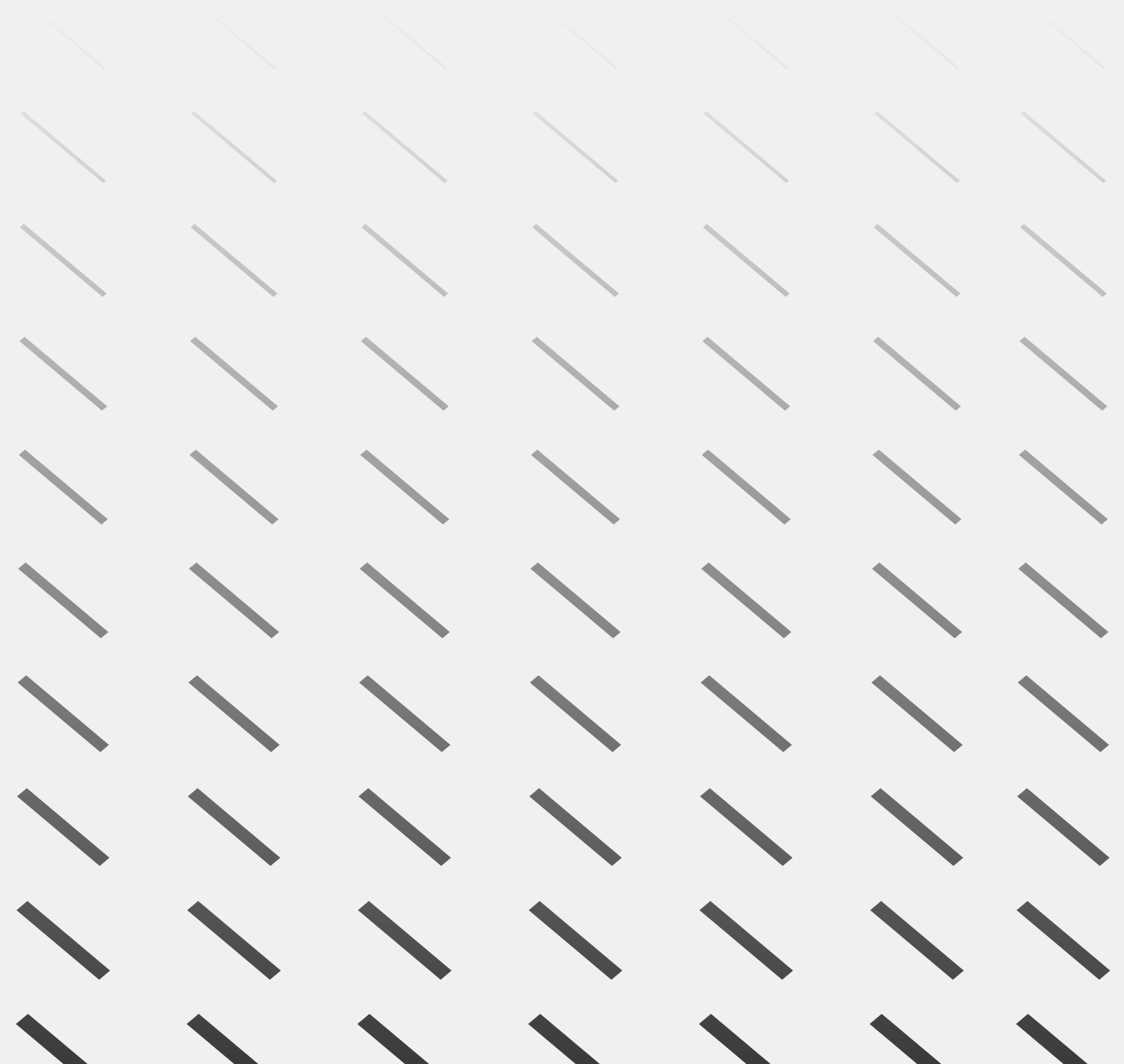
Understanding the Data

- Sample size of just 300 images
- Image augmentation

kaggle

Model Performance

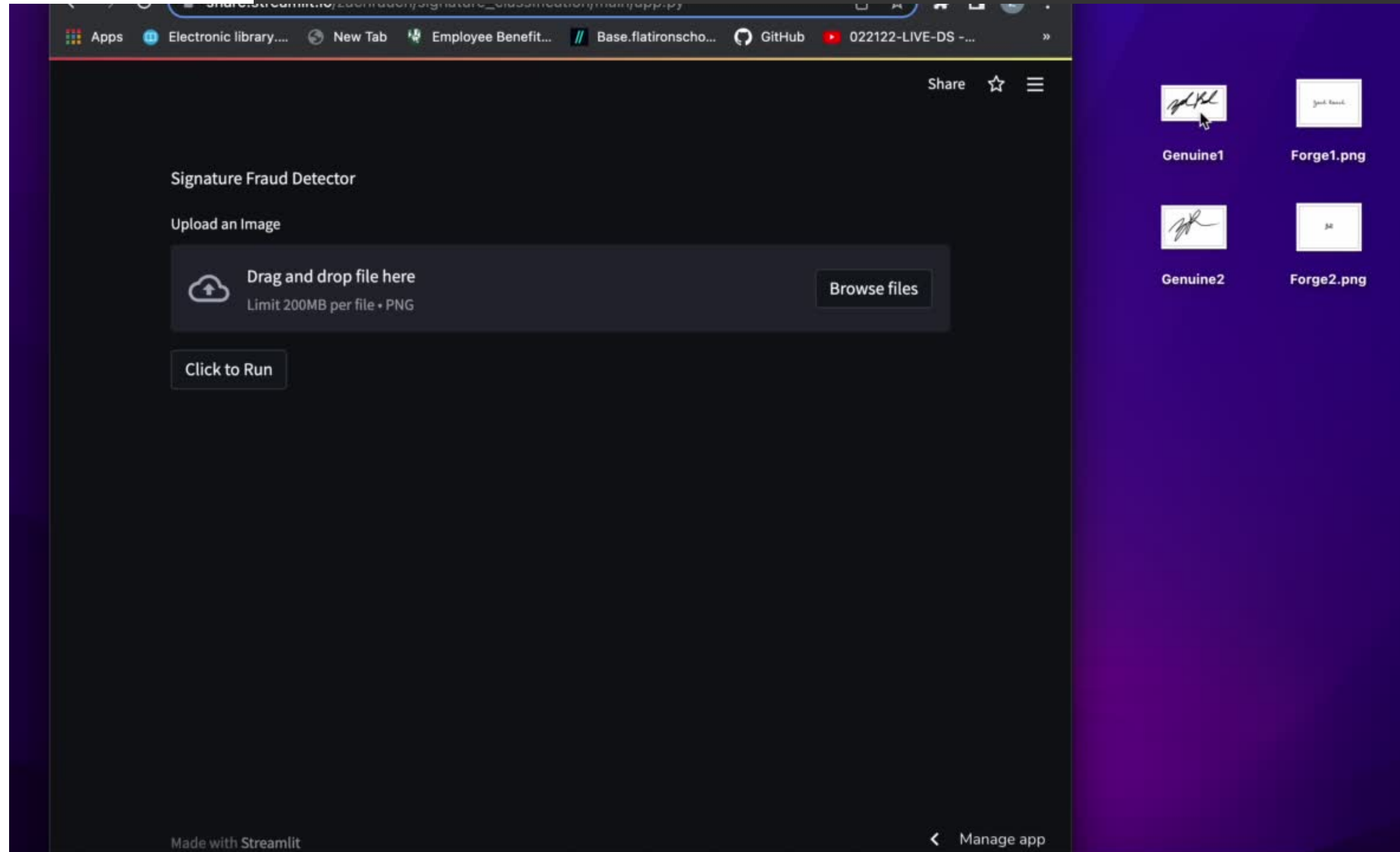
67% Accurate



App Demo

Mobile Deposits
are on the rise.

Try It





Fraud and Financial Crimes

What's Next

More Data

Increase
Model
Complexity

Signature
Research



Fraud and Financial Crimes

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