Account Opening Fraud Detection

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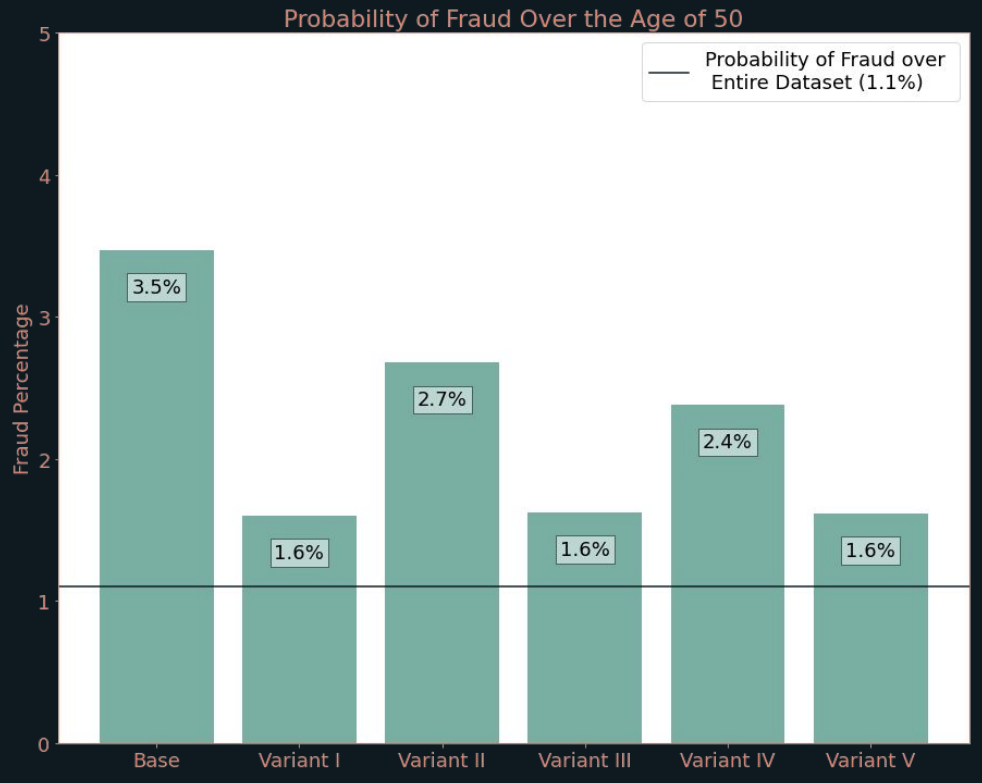
Objectives

- Relevancy
- Model Predictions
- Uses and Shortcomings

The Data

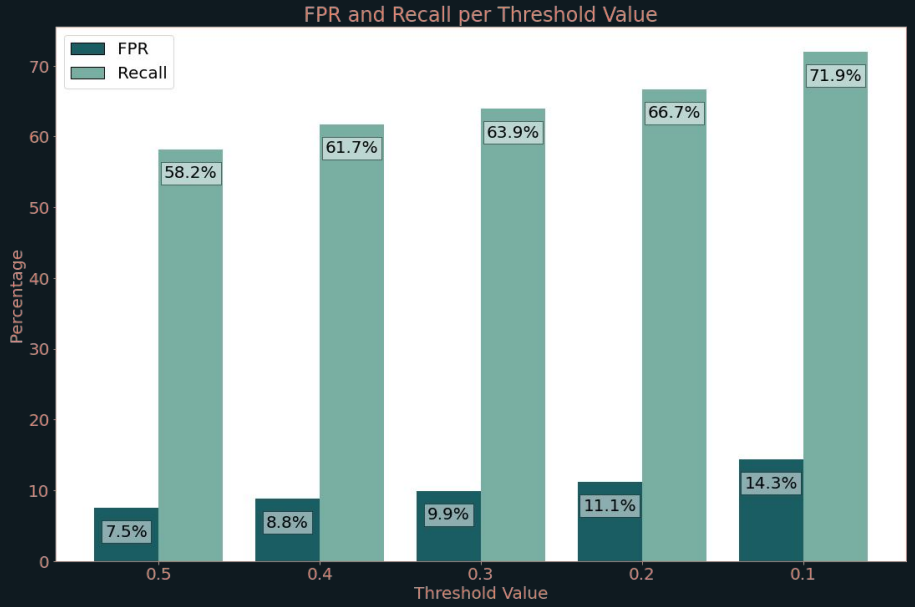
- 6 Data Variants
  - Separability/Group Size
  - Disparity
- Two Groups (Under/Over 50)
- Split Temporally

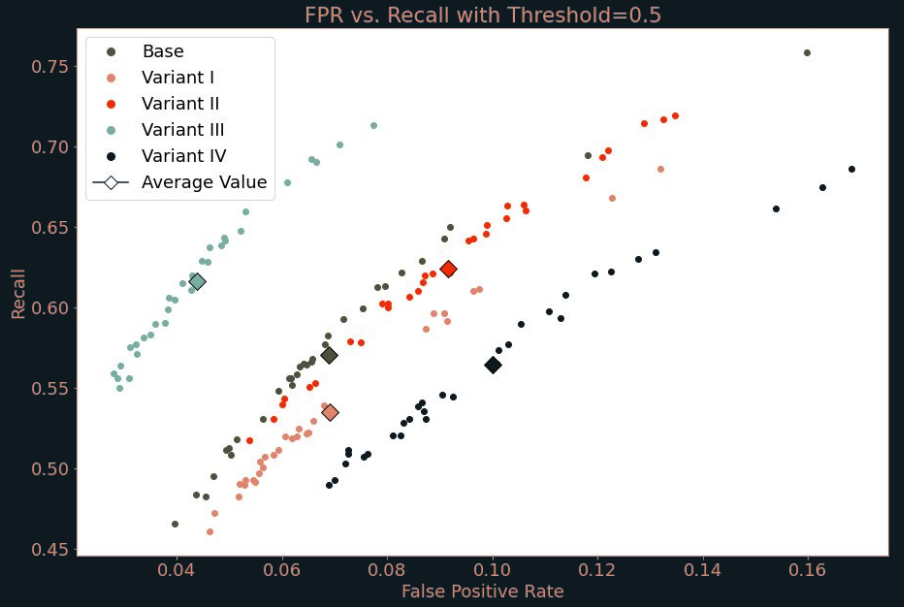


The Process

- Deep Learning Neural Network
- Self-Normalization
- Exclusion: Variant V

Performance





Application

- Initial fraud screening
- Fraud analyst utilization

Shortcomings

- Limited time
- ML techniques
- Protected attributes

Thank you for your time

Brandon Sienkiewicz

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