CATCHING THE FRAUDSTERS!!!

Project 2: Chelsea Shelton, Manuela Nkwinkwa, Joseph Kuitche

This Photo by Unknown author is licensed under CC BY.

Project Presentation

What are we doing? Catching Fraudulent claims through machine learning predictions

How does it relate to Fintech? delivering better financial services through new technology

Why? Predicting fraud could help save the company money that could be used to provide better services

Objective

Predict Fraudulent claims Through Machine Learning

Selected Models

Supervised: Logistic Regression, Random Forests

Unsupervised: **PCA analysis**

Deep neural network

Data Preparation & Model Training Process

Data **Sources**:
www.kaggle.com

Collection, clean-up and preparation process

Training process

Relevant code / demonstration of Machine Learning Model

Performance Evaluation Technique

Unanticipated Insights and adjustment

Our Approach

Model Results

- Was project goal achieved?
- (relevant images)

Model Potential

(What we could have done with more time, potential next steps)

Thank you!

Questions?