

# CATCHING THE FRAUDSTERS!!!

Project 2: Chelsea Shelton,  
Manuela Nkwinkwa, Joseph  
Kuitche





# Project Presentation

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

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

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

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# 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



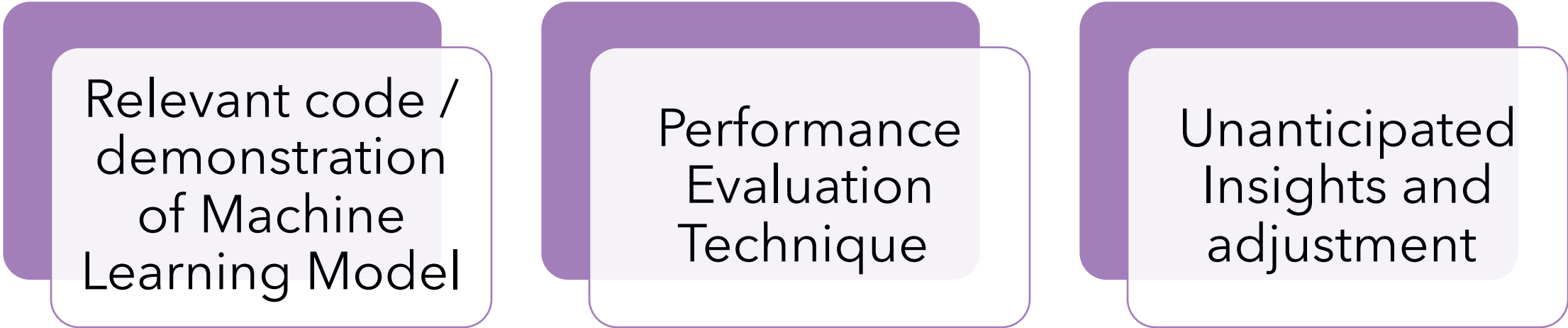
Data **Sources:**  
[www.kaggle.com](https://www.kaggle.com)



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?