

Title

# INTRO

- METHODOLOGY
- OSEMN
  - OBTAIN/SCRUB
  - EXPLORATORY DATA ANALYSIS
  - MODELING
  - INTERPRET
- TOP FEATURES
- BUSINESS RECOMMENDATIONS
- THANK YOU

# METHODOLOGY

# OSEMN

- OBTAIN
- SCRUB
- EDA
- MODEL
- INTERPRET

# OBTAIN/SCRUB

- DATA FROM:
- REMOVED UNKNOWNNS FROM CATEGORIES:
  - 1
  - 2
  - 3

# EXPLORATORY DATA ANALYSIS

- EXPLORING CLIENT DATA
- EXPLORING SOCIAL/ECONOMIC DATA

# MODELING

- MODELS:
  - LOGISTIC REGRESSION
  - CATBOOST
  - KNN
  - SVM
  - GUASSIAN
  - DECISION TREE
  - RANDOM FOREST
  - GRADIENT BOOSTING
  - ADABOOST

# INTERPRET

- TOP MODELS:
  - CATBOOST
  - RANDOM FOREST
- TOP OVERLAP FEATURES
  - NUMBER OF EES / QUARTERLY
  - CONSUMER PRICE INDEX / MONTHLY
  - AGE



# TOP FEATURES

- NUMBER OF EES / QUARTERLY
- CONSUMER PRICE INDEX / MONTHLY
- AGE

# BUSINESS RECOMENDATIONS

- DO GOODER STUFF
- GOOD LUCK
- NICE

THANK YOU