Person Centric Analysis

Development for an Enhanced Verification System

March 2018
Setup: Problem Statement

- Distributed Systems
- Varied Capabilities
  - Most limited to boolean matching
Solution: Early Testing

- Tested various type of matching methodologies
  - Logistic Regression
  - Gradient Boosting
  - Random Forests
  - Neural Network
  - Graph Theory
Solution: Development and Deployment

- Full performance depends on three stages:
  - Golden Records
  - Fuzzy Matching
  - Confidence Score Model