Project 1: Build machine learning model to identify good entrepreneurs/startups

- Professor
    - Victor Lyonnet
    - https://fisher.osu.edu/people/lyonnet.1

- Goal
    - Improve the current prediction in identifying good startup
    - use contextual bandit algorithm to improve diversity of funded entrepreneurs
    - See if machine can beat traditional VCs in identifying potential successful startup

- What We Have
    - Data
    - Established models based on XGBoost and Random Forest

- Commitment & Technology
    - 6-8 hrs/week, 1 year duration, Python

- NDA
    - Data is sensitive and private and
    - must be kept private
    - must be deleted after the project is done

- Papers to read
    - Danielle Li: HIRING AS EXPLORATION
    - Kleinberg: HUMAN DECISIONS AND MACHINE PREDICTIONS