Weekly Mentor Meeting: Every Sunday 2:15-3:15 PM

Our github repo: [acmucsd-projects/fa22-ai-team-3 (github.com)](acmucsd-projects/fa22-ai-team-3)

Meeting Time: 10/16/22 from 2:15-3:15 in CSE Basement
Attendees: Max, Chuong, Rebecca, Arvin, Siya, Rohan, Vincent

Action Items
- Everyone push their test code to the repo, titled with ur model name
- By Thursday, everyone watch the tutorial video AND play with the code independently
  - Look at pandas, matplotlib, and c born documentation!
  - During our thursday meeting, we will discuss our individual findings + clarifying questions + logistics & split roles
- By Sunday, create a notebook AND data analysis report (see timeline bullet point for more information)

Summary of Meeting
- 2:23-2:40
  - What have you guys done? What are we going to discuss today? What will we do going forward?
    - Discussed our work on this doc:
      📄 Credit Card Fraud ML Project Overview
- 2:40-2:45
  - Discussing what technology we are using (github or live session VS code?)
- 2:45-3:00
  - We need to analyze the data (ie make plots/graphs), create pipelines and THEN model it
    - Use pandas, matplotlib library, c born to do data analysis and create a presentable report
- 3:00-
  - See Vincent's project :)

Timeline
- By next Thursday, everyone does their research on EDA's and discusses their findings.
- By next Sunday, we will work on EDA aka exploratory data analysis (learn and apply on the ACTUAL dataset)
  - Generate **ONE notebook** that looks nice (headers, organized, clear code, follows style guidelines, graphs/markdowns, describe findings from graphs)
  - After notebook, create **short report pdf** which is a mixture of graphs and conclusions

- After Sunday, we will create a pre-processing pipeline (pipeline is a series of steps where u apply functions to data) to turn the csv into a dataset that the machine can read/learn from
  - Ex. normalize or standardizing data with big ranges (normally fit it into 0 and 1)