Weekly Mentor + Team Meeting: Every Saturday
5:00-6:00 PM Our github repo: acmucsd-projects/wi23-ai-team-1 (github.com)

Team Meeting Time: 2/4/23 at 5pm in CSE B230
Attendees: **Aniket Gupta** **Arnav Modi** **Jeffrey Lee** **Jimmy Ying** **Steven Shi** **Vincent Tu** **Vivian Liu**

Ideally, something that is realistic, but also valuable

Project Ideas

- Web scraper that uses youtube data to classify whether or not a certain Youtube video is distracting or educational
    - Chunkable, kinda feasible, pyscraper, selenium, beautiful soup
- Facial expression interpretation
    - Goal: Sentiment (well established)? Feeling? Emotion?
- Plants and leaves: normal leaves vs diseased leaves for a given species
    - Train classification model to give users a front-end
    - Iris dataset
    - (knockable out in 2 weeks, but we can add more layers of complexity)
- Computer vision: satellite imagery, classify asphalt vs canopy
- Reinforcement learning: library usage, very theoretical, not a lot of nitty gritty
    - Framing the problem, biggest issue with reinforcement learning
- Web scraping in general
- **Build around the data set, look up stuff like kaggle and data set websites, find interesting ones, put ideas down**
- Recommendation system, maybe some kind of other recommender system?
    - Spotify API, match with another user, rip past project
    - Leetcode
    - Frankenstein data sets for vacation planner

Once project gets going, we will be a well-oiled machine

Every week, we decide what we do

This week

- We will meet Friday next week
- Everyone: at least a few more ideas, be very specific, highlight a few things
- Main focus: where **data**? Find the dataset for project, and put a link

3 points for every meeting

- What have we done so far
- What is the point of this meeting, what are we going to discuss
- What will we do going forward

Basically a timeline

Discord, zoom, 2 meetings a week, regular code pushes, update at all times
Github for storage
Language: python and libraries
Numpy, pandas, matplotlib, the works
Sklearn, pytorch, tensorflow,