Weekly Mentor Meeting: Every Sunday 2-3 PM

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

Meeting Time: 10/9/22 2:00-3:00 PM
Attendees: Max, Chuong, Rebecca, Arvin, Siya, Rohan, Vincent

Action Items

- Everyone:
    - Read Vincent's resources
    - Read up on the project using the highlighted links below
    - Play with code!!!

Summary of Meeting

- 2:00-2:20: Introductions
- 2:20-2:45: Project Ideas
    - ~~Traffic sign detection - License plate~~
    - ~~Motion detector outside home~~
        - ~~If it is a family member, do not ring. If it is not, ring it.~~
    - ~~Fake news detection~~
        - https://www.kaggle.com/c/fake-news/data
        - https://www.kaggle.com/datasets/clmentbisaillon/fake-and-real-news-dataset
    - ~~Age identification~~
    - Credit card fraud detection
        - https://towardsdatascience.com/credit-card-fraud-detection-using-machine-learning-python-5b098d4a8edc (outlines the general project idea)
            - https://www.geeksforgeeks.org/ml-credit-card-fraud-detection/
        - https://www.kaggle.com/datasets/mlg-ulb/creditcardfraud
    - Detect and interpret ASL in a video
        - WLASL (World Level American Sign Language) Video | Kaggle
    - ~~**Talking Tom (chatbot)**~~
    - **Sales/Stocks forecasting**
        - **https://www.kaggle.com/datasets/borismarjanovic/price-volume-data-for-all-us-stocks-etfs**
    - ~~Human face detection/ recognition~~
    - ~~Coloring black and white photos~~
    - ~~Music genre classification~~
    - ~~Text generation~~
- Votes
    - Cosmetic Surgery: 0

    - Credit Card : 6
    - Sign Language: 4
    - Sales/Stocks forecasting: 2
- Credit Card Fraud Detection timeline below
- Completed the form
    - **Sundays 2-3 PM for mentor meetings**
    - **Thursdays 12:30-1:30 PM for team meetings**

Timeline

- Subproject 1
    - Do data analysis and learn about credit cards
        - Publish the knowledge and make a report
- Subproject 2
    - Modeling : conduct experiments
- Subproject 3
    - Deeplearning
- Subproject 4
    - Put everything on a webpage with your finding and ability to query the data