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

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

Meeting Time: 11/06/22 2:15-3:15 PM in CSE Basement
Attendees: Max, Chuong (updated us earlier, not in a meeting), Rebecca, Arvin, Siya, Rohan, Vincent

Action Items

- Siya: debug your Random Forest model and insert your data into "Model Results" spreadsheet
    - Use classification instead of regressor
    - You need to include the model name and then define parameters:

```
gsModel= RFR(random_state=42);

params= {'n_estimators': [10, 50, 200, 300, 400, 500]}
```

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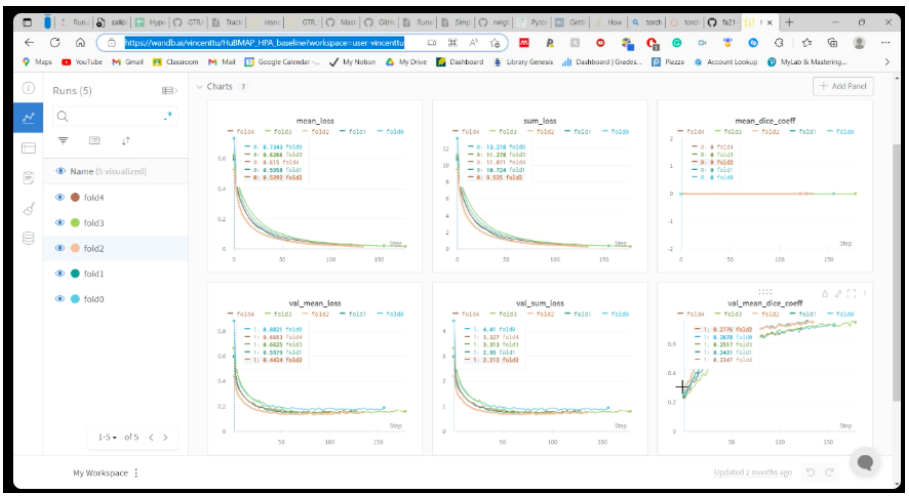
    - Check that preprocessing pipeline works first
- Everyone: If you have extra time, train a different model or a different set of hyperparameters. Let the group know if you are better than the baseline
- **Everyone: Learn how to use stream lit to make our app. Experiment within app.py in the repo**
    - **https://github.com/acmucsd-projects/fa22-ai-team-3/blob/main/src/app.py**

Summary of Meeting

- Chuong Nguyen (could not make it to the meeting, so here are his updates:)
    - **Ran pipeline on decision tree**
    - Testing out different hyperparameters.
    - Results are on the spreadsheet.
    - Recall score Average = 0.515
    - The notebook is on github.
- Discussed how we trained the models:
    - Model results
        - Refer to the book on the github for any issues you run into (chapter 2)
- We will use stream lit to make an app
    - In src folder, have a file called app.py and we will all work on that file
        - Set it up in VS Code and run it locally. Then, we can publish it on stream lit later on.
- We will use XGBoost as baseline model

- Eventually (during presentation time), we will reorganize the repo and make our readme more descriptive (ie talk about difficulties, include links, include “thank you” note, insert images [graphs for our case])
    - 

    - Src folder should include notebooks

Timeline

- By Thursday, read up on stream lit and play with code on app.py on github
- By Sunday, we will have a working app
- The week after, we will eventually reorganize our repo (during presentation time)
- Then, we can make it more complex if time permits