

## Weekly Mentor Meeting: Every Friday 5:00-6:00 PM

Our github repo: [acmucsd-projects/sp23-ai-team-1 \(github.com\)](https://github.com/acmucsd-projects/sp23-ai-team-1)

Team Meeting Time: Every Monday 5:00 - 6:00 PM

Attendees: Kevin, Vanessa, Yashil, Samuel, Chi, Vincent

### Action Items

- Do the MBTI model first; see if there is enough time to do chatbot
- Think about what kind of application to do after model training

### Summary of Meeting

- Project Ideas:
  - Kevin
    - Automatic text summarizer
    - Cyber attack/fraud detection
  - Samuel
    - Image super resolution
      - <https://www.kaggle.com/datasets/quadeer15sh/image-super-resolution-from-unsplash>
      - <https://www.kaggle.com/datasets/adityachandrasekhar/image-super-resolution>
      - Super resolution + fixing with prompt
    - MBTI personality type using tweets
      - <https://www.kaggle.com/datasets/mazlumi/mbti-personality-type-twitter-dataset>
      - First build the model and see if there is enough time for the second part
      - Building a chatbot that can mimic the personality of the person they are talking about
    - Disease prediction
      - <https://www.kaggle.com/datasets/niyarrbarman/symptom2disease>
  - Yashil
    - Using Computer Vision to improve remote learning for the deaf and dumb
      - <https://www.kaggle.com/datasets/datamunge/sign-language-mn>

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- Converting sign language to audio for the deaf
- Braille to video
- This is similar to Kevin's automatic text summarizer idea, but doing the same thing with the text being lecture transcripts and using it for improving remote education. We can add other applications and features as well, such as generating quizzes, summarizing lectures and answering any questions students may have.
  - Code to text summarizer

## Timeline

MBTI personality type using tweets

<https://www.kaggle.com/datasets/mazlumi/mbti-personality-type-twitter-dataset>

**Notebook:** <https://www.kaggle.com/samuelllee1/acm-sp23-team-1-project-mbti>

- Step 1: Data Cleaning (28th April, Friday of Week 4)
- Step 2: Preprocessing data (1st May, Monday of Week 5)
- Step 3: Model training and validation (8th May, Monday of Week 6)
- Step 4: Decide what kind application to do and start (15th May, Monday of Week 7)
- Step 5: Continuation of the step 4- (Weeks 8,9)
- Have an app ready with Streamlit (Week 9)
- Step 6: Polish it up + presentation + showcase (Week 10)