Data Mining

Fall 2024

Term Project Proposal

Proposal slides and video

- **Around 5 minutes of <u>main</u> presentation (recorded in a video) [Must]**

  - Team members

  - Target problem

    - Background, Motivation, and Research Aims

    - Problem Description (including Input, Process and Output)

    - Performance Metrics (e.g., Accuracy, AUROC)

    - Performance Target (e.g., Reach 90% for Accuracy)

      (You should give the reason or references in slides.)

  - Brief descriptions on the selected datasets

    - Data Sources and Characteristics (e.g., data type, size)

    - Please note that the datasets you selected must be publicized

      (You should give the references in slides.)

  - Basic work plan

    - What platform(Environment), tools, and analysis workflow

      you plan to use

    - Tentative Schedule

- **At most 3 minutes of <u>Appendix</u> presentation (recorded in a video) [Optional]**
    - If you need more time to present some supplementary information for your proposal, you are allowed to submit another video (**<u>at most</u> 3 minutes**) as appendix. (Mark "**Appendix**" on the first page of your Appendix slides.)
    - Please note that Instructor/TA will watch the videos (including appendix) to give you comments but we will **only play the main presentation video** in class (Proposal Q&A).

- **Please note that the voice in video must be clear. Besides, you are not be allowed to use speeding up (post-production) to adjust the normal speed of speech.**

- **Upload due date 2024/10/13 (Sun.) 11:59 a.m. (中午)**
    - Filename: team_{team index}_proposal
        - e.g., team_02_proposal.pptx; team_02_proposal.**mp4**
        - If you have the appendix video, you need to name it: team_{team index}_proposal_appendix.**mp4**

<u>Proposal Q&A</u> (On-site)

- **Class Date: 2024/10/16 (Wed.) & 2024/10/23 (Wed.)**
- **Around 10 minutes of Q&A per team (all team members must show up)**
    - The video you uploaded (**main presentation**) will be played. (Note: **Appendix video** will **<u>not</u>** be played.)

- ■ Instructor/TA will give comments based on the video (including appendix video) /slides you upload. Then you must give quick responses accordingly. (The presentation slides you uploaded will be made available on class for your convenience of answering.)

Revision of Proposal

- ● **After the in-class Q&A, you'll be given time to revise the proposal as needed.**
- ● **Upload due: 2024/10/30 (Wed.) 11:59 p.m.**
  - ■ Filename: team_{team index}_proposal-v2.ppt (slides only)
  - ■ Provide also a file named "Readme.pdf" that lists and describes the parts (with page number in the proposal slides) revised.