

Project Guidelines

- **Each project must have a TA as a project consultant/mentor.** We will balance the load between TAs.
- Projects can be done in teams of 1-4 students. Larger groups are expected to deliver more substantial results.
 - A team can have only one single member in all the following constraints are satisfied:
 - (1) you want to design a project around a data set associated with your ongoing research,
 - (2) you absolutely cannot find another student in our class who would be interested in your problem, and
 - (3) your faculty advisor associated with that ongoing research writes us an email stating that she/he will be happy to serve as mentor for your class project.
- Team members are responsible for dividing up the work equally and making sure that each member contributes. We will give the same project grade to all the team members.
- **The Project Proposal and the Final Report have to be delivered in Powerpoint, Beamer, Keynote or equivalent.**
- Project Proposal Page limit = 20 pages (including all Figures and Videos)
- Final Project Page limit = 50 pages (including all Figures and Videos)
- Page limits exclude references and title page.
- The page limits are strict! Proposals and Reports over the limit will not be considered.
- No font size smaller than 12 points is allowed.
- No active links to outside videos, images, documents are allowed.
- **Each proposal and report must include these sections:**
 - **Introduction:** You should include a formal description/background about the problem and data that you chose. Clearly outline details and goals of the system you will build.
 - **Background/Literature:** You should outline related research work, how you will depart from the existing work, and plan to improve up on the existing results.
 - **Methods/Model:** By the submission of your project proposal, you are expected to have implemented a baseline. Outline what you have implemented and show plots of the performance. In the final report outline all the details of the methods and models you implemented.
 - **Experimental results:** All the used codes should be well documented and commented. Please make sure that all the codes are executable without any error. We will not evaluate the experiments with non-executable codes or the codes with

bugs. Also, if you are using some codes/packages/modules (partially or fully) from external sources (Github, Personal websites, Forums, StackExchange, and so on), please give full references to them and cite them appropriately.

- **Suggestions for future work**