

Final Project!

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- **Step 0**: Find your teammates! 3-5 students can team up (if you really have difficulties in finding teammates, let me know!).
- **Step 1**: You have the option to select your own project. Your project should be related to data science topics, and it should be challenging enough for this class (The TA or I should approve your project before you want to start).
 - A great source with hundreds of interesting projects is: www.kaggle.com/competitions
Feel free to visit this website and pick one of the projects. Make sure that you select a doable project w.r.t the time and due dates!
- **Step 2**: The team should see the TA (time/location is on CSNS) to describe the project details, project data and goals, and get your project confirmed (**Due Date: Fri, Oct. 11**).
- **Step 3**: Design your own project plan and schedule, assign the tasks to team members, and start the project!

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- **Step 4**: Make sure that the team have meetings on timely basis (e.g. weekly meetings) to evaluate the project progress! Don't leave everything for last days!
- **Step 5**: By end of the semester, each team should **either** give a 10 min presentation to the class, **or** come to my office to present their results, describe their project, the developed methods and algorithms, and the RESULTS (As time permits!).
- **Step 6**: By end of the semester, Each team should submit a **project report** including project details, the developed methods, algorithms, and codes to address the projects requirements, and the responsibility of EACH TEAM MEMBER. A big part of your grade depends on the quality of your report!



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Final Project: Some Tips!

- **AN IMPORTANT RECOMMENDATION:** Select a project that sounds **interesting, exciting** and **fun** to you, NOT something that looks just easy to do! Let's enjoy this project and this class. I don't expect you to get "record breaking" results! I just care about your effort and how you deal with challenges! So, try to work on an exciting project that pleases you, try to have a lot of fun, and enjoy your work!
- The due dates for report and presentation will be announced later.
- Your work including algorithms, codes, and reports **must be your original work!** The teams are not allowed to use other people's work from kaggle website or any other resources!
- Some of the outstanding class projects can form the basis of future **paper publications**. Let me know if you are interested in such an opportunity!