

CS249, Winter 2024  
Project Milestone  
Due March 6th, 11:59 pm

## 1 Objectives

- Assure feasibility of your study using your data.
- Develop a detailed methodology for your project.

## 2 Deliverables

Explore the data you currently have for your project. Clean the data, fix any data issues you see, and look at the relationships between the variables. If your goal is prediction, don't forget to leave out a test set before exploring the data. Next, try the simplest method you can think of for your problem and check the results. Based on what you see, do you think your study is feasible? Do you think your dataset can answer the questions you raised in your proposal? Remember, if your project is not feasible, you can still change your project at this stage. However, you should answer these questions for your new problem if you decide on changing your project.

Once you are confident that your project is feasible, come up with a detailed and step-by-step methodology for your project. You can think of this as the "methodology" portion of your final report, or the roadmap for your project.

Submit your findings from data exploration and your detailed methodology in a 2-3 pages write-up.