

CS260: Project Proposal

Professor Ameet Talwalkar

Due: 11/5/15

Project proposals should be 1-2 pages long and contain the following information:

- **Motivation:** What high-level problem are you studying? Why is it important?
- **Background:** What previous work exists on your topic? How does your proposed project differ from these existing works? Note: If you have prior experience working on this problem, please clearly describe how your proposed work for this class project differs from your prior work.
- **Proposed Work:** What do you plan to do? What methods will you use and why will you use them?
- **Timeline:** What is your timeline for performing this work?
- **Deliverables / Evaluation:** What is the expected outcome of your work? How will you evaluate the quality of your work?
- **Data:** If your project involves data, what data are you using? How did you obtain this data? Why is this data interesting / relevant to your problem? What computing resources will you be using to analyze this data?
- **Software Tools / Libraries:** What (if any) software will be used for this project? Please describe any third-party software libraries you plan to use.
- **Team:** Who is working on this project (at most two students can work on a project)?
- **Prior Discussion:** You are required to discuss this project with Professor Talwalkar or one of the TAs prior to submitting your proposal. Please list who you spoke with and when. Note: You are also encouraged to speak with us as you continue working on the project if you have questions.