

## *Progress Report, CS 6241 Spring 2020*

*Instructor: Austin R. Benson*

*Due Thursday May 7, 2020 at 11:59pm ET*

### ASSIGNMENT

The goal of this assignment is to make sure you are on track to have a successful final project. The assignment is a *progress report*, which you should think of as a rough draft of your final project report without all of the results. This should be longer and contain more detail than your project proposal.

#### *Report*

The progress report should contain around a third of the material that will be in your final report. The progress report should at least contain the following:

- A complete overview of the final project idea along with a discussion of the relevant related work and associated references. Make sure to clearly explain the problem you are trying to solve and why you think it is interesting. Also explain how the project relates to the course (this can be in a broad sense). Think about this part as an introduction to a paper.
- Some mathematical discussion of the numerical method(s) that you will use.
- A description of ‘real-world’ (i.e., not synthetic) data that will be used in the final project. Include summary statistics of the dataset(s). Explain the relevance of the data to your project and discuss any limitations of the data.
- Some preliminary experimental results to show the feasibility of the project and demonstrate that you have started working on the project.

The report should be around 5 pages in length.

#### *Short feedback session*

You should receive an email to sign-up for a brief feedback session on May 11 or May 12. You can also use this time to ask questions. Attendance is worth 10% of your progress report grade. Contact me as soon as possible if your group cannot make one of the time slots.

## PREPARATION & SUBMISSION GUIDELINES

**Typesetting.** Your progress report should be prepared with  $\text{\LaTeX}$ .

**Collaboration.** *You can work on and submit your progress report as a team of size 1, 2, or 3. However, your team must be the same as it was for the project proposal.* Please submit one report per team but include all of the team member names and NetIDs on the submission PDF.

**Academic Integrity.** I expect you to maintain academic integrity in the course. Failure to maintain academic integrity will be penalized severely. Plagiarism is a form of academic misconduct, so make sure to provide proper citations. Cornell has a number of guidelines on plagiarism.<sup>1</sup>

<sup>1</sup><https://plagiarism.arts.cornell.edu/tutorial/index.cfm>

**Submission.** Your approximately 5-page progress report should be submitted as a single PDF and include the names and NetIDs of the members of your team (only one team member needs to submit). Submit your PDF on CMS.<sup>2</sup>

<sup>2</sup><https://cmsx.cs.cornell.edu>