CS 520
Final project mid-date report

Reminder of upcoming final project deadlines:

- You will present your mid-point check-in to your TA in a group meeting **between Thursday, November 12 and Tuesday, November 17, 2026**.
- The final project will be due **Tuesday, December 15, 2026, 11:55 PM EST**.

Final project mid-date report

Instead of presenting in class, your team will have a group meeting with your TA (the TA assigned to your project) between Thursday, November 12 and Tuesday, November 17, 2026. Contact your TA to schedule a meeting time. Do this early, so that you can find a time that works for your TA and for all team members. All team members are expected to attend. You must be ready to present on Thursday, November 12, 2026, 9:00AM EST, even if your meeting is later.

At the meeting, your team will give a 7-minute presentation describing your project and your progress so far, followed by a few minutes of questions and feedback from your TA. Bring slides.

Your presentation should build on your project plan (submitted October 8, 2026), but by now you should have made real progress: you should have the data and code you need, and you should have started running experiments. If your plans have changed since the project plan, tell us what changed and why.

The time limit is strict, and you will be expected to tell us four elements of your project:

1. **The Problem.** Tell us the research question(s) you will answer. If you are doing the **MSR 2027 Mining Challenge**, tell us which dataset(s) you are using (GitSkills, SpecMine, or both) and what research questions you are asking about them. If you are doing a **Research paper replication and extension**, tell us which paper you are replicating, which of its research questions you are replicating, and what new research question your extension will answer. Keep it focused. One slide. No more than 2 minutes total. Practice what you will say. Put a one-sentence summary on the slide.

2. **The Design.** Tell us the design of your experiment(s): what data you will collect or use, how you will process it, and what you will measure. For the **MSR 2027 Mining Challenge**, describe your data extraction and analysis pipeline. For the **Research paper replication and extension**, tell us the status of your replication (Have you gotten the paper's code running? Have you reproduced any of its results yet?) and how you will design the experiments for your extension. Again, no more than 2 minutes total. Practice what you will say. The key is to convince your TA you will succeed.

3. **The Evaluation.** Tell us how you will know you succeeded. Tell us what data you will use, how you will know that your results make sense, what statistical tests you will apply, etc. For the **Research paper replication and extension**, also tell us how you will compare your replicated results to those reported in the paper, and how you will decide whether any differences are meaningful. If you have any preliminary results, show them. Again, no more than 2 minutes.

4. **The Plan.** Tell us (really quickly) what your planned timeline is and each group member's responsibilities. Briefly mention whether any of the risks you identified in your project plan have come up, and how you are addressing them. Do not go into details; just show that you have a plan.

Remember, after this, your final project will be due **Tuesday, December 15, 2026, 11:55 PM EST**.