

CSC490 Final Project - 40% of Final Grade

Due: Mar 30th, 6pm with a Github PR, Quercus Submission and in-class presentation

It's time to present your final project! Assume you're presenting at an academic conference, a startup competition or to an executive sponsor at a large company, how would you communicate your accomplishments? This project submission has three parts: an in-class presentation, a final report and a code review.

1 Part One - In-class presentation (15 marks)

On March 30th and April 1st, we'll have each team present their projects. Each team will have 10 minutes to present their project and 5 minutes of Q&A, including:

- Overview of your problem space
- Overview of your solution and technical innovation
- A demo of your project
- Future work and next steps

You will be graded on clarity of presentation, technical depth and ability to answer questions. Slides and a pre-recorded demo are recommended. I will post a few sample questions to practice on piazza ahead of time.

2 Part Two - Final Report (10 marks)

Create a final report summarising your project. Include:

- Abstract
- Intro and Problem statement
- Related work (Academic and Industry)
- Technical approach, solution and designs
- Experiments, key metrics and results
- Future work and next steps
- Team reflection on the project including connection to the course material (1 page)
- References

Your report should be less than 12 pages long including figures and appendixes, excluding citations. This report will be 70% similar to an academic paper with a briefer literature review, larger focus on infrastructure and more industry examples.

3 Part Three - Code Review (15 marks)

Your code will be graded based on what is on your main branch on Mar 30th at 6pm. You will be graded on:

- Code clarity and organization
- Documentation and README
- Testing and code coverage
- Infrastructure as Code and deployment scripts
- Benchmarking code - Functionality and reproducibility of the project

Make sure to include instructions on how to run your code in your README.

4 Suggestions

- Make sure to review lecture slides to make sure you are applying best practices for each part of your presentation
- Practice presenting as a team, think about it as a paper workshop session or startup pitch, a 10min presentation requires clarity to address the important points
- Document your experiments and results clearly, including what worked and what didn't work
- Assume a highly technical audience for you presentation and report
- Benchmark against a strong baseline and make sure to include ablations to understand the impact of different components of your system