COMP 760 Week 10: Course Project Presentation and Report Guidelines

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Course Project Presentations

Final Project Presentations

- Check which week you are presenting

- https://docs.google.com/spreadsheets/d/1FVd1WnqZJ0KcZbtNjfncEJST-PZbwbWW8cE7IGJr_Vw/edit?usp=sharing

Final Project Presentations

- 15 Mins Talk MAX for each project.
- Each person in the group should roughly split the time evenly.
- Please email me your slides 1 day before your presentation date.

Content at a high level

- Introduction to the problem.
- Motivation of the problem setting.
- Related work and or Background to give context.
- Preliminary results either theoretical or empirical.
- Conclusion, Next steps and Timeline.

Introduction and Motivation

- Q1. Tell us what is the problem exactly.
- Q2. Tell us why it's an interesting problem.
- Q3. Tell us how you intend to solve this problem through what novel idea/insight.

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Background and Related Work

- Give precise definitions of the problem using equations.
- Introduce any new notation/concepts not covered in the course, especially if they are domain specific.
- Give a survey of related work that tackled the same or similar problem and how they did it.
- Give some commentary on the related work (e.g. authors X tried this but it is computationally expensive for reason Y)

Preliminary Results

- Provide either a graph or a table of one of your results.
- OR provide a theoretical result and perhaps an outline of the proof strategy you want to pursue.
- Provide baselines to ground your results.
- Perform at least 1 ablation experiment to show the utility of different experimental settings.

Conclusion and Next Steps

- What have you learned so far by working on this project?
- What was harder than expected? What was easier?
- How would you approach the problem differently if given the chance?
- What are your next steps for the final project report?

Course Project Report

General Guidelines

- Due December 16th end of day. Submit on MyCourses.
- 4-8 pages in length not including appendix and references.
- Please use NeurIPS template in preprint mode!
- At the end of the report write a short contribution statement which outlines which group member was responsible for which part of the project.

Rough Report Structure

- Abstract that summarizes the project.
- Introduction that motivates the problem and your contribution.
- Background and Related work.
- A method section that outlines your novel contributions.
- Experiment/Theoretical Results that demonstrate the impact of your contributions.
- Conclusion and future work.

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Things to Potentially Include

- Figure or Diagram.
- Formal Description: 1.) Algorithm Box 2.) Equations describing your model 3.) A theorem or formally stated conjecture.
- Comparison or Demonstration. Training on toy data is ok!
- Discuss limitations and possible extensions.

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