ECE 1786 Project Presentation Information

The project presentations will be delivered as described in class, Lecture 10. A schedule showing which day your group is presenting will be posted the previous week. If you have a hard restriction that prevents you from presenting on one of the two sessions, you must request it by Friday December 1st.

Timed Length of Presentation

Each presentation will be **6 minutes** in length, and there will be a timer. When the timer expires, you'll be asked to finish your sentence and then finish the presentation. Be sure to practice the presentation for smoothness and length. Each group member should present for roughly one half of the time.

Video Recording

The presentations will be recorded. Your group will have the right to say what is done with that recording - see https://www.eecg.utoronto.ca/~jayar/ece1786.2022/ to see what this might look like. There will be an opportunity to have your video on this year's public course website, but only if all members of the group agree.

How to submit

Submit your presentation slides (either powerpoint or PDF) **as a group (to your group name)** on Quercus by Monday December 4th at 6:00pm. There is a grace period of one hour, late submissions will lose 20% of the grade until 9:00am on Tuesday December 5th, after which a grade of zero will be assigned.

If you wish to include live demonstrations of your software, please discuss it with the instructor by 12pm on Monday December 4, as this will require more than the slide presentation setup.

Content & Structure

The presentation structure is flexible, as long as you sufficiently cover the necessary content in a way that the audience (your classmates) can understand. You are welcome to be as creative as you want within these constraints.

You should present your project with the assumption that the audience has **no prior** knowledge of the project - the presentation should stand on its on. (Even though you know that we have seen your project proposal).

The content that you should cover is as follows:

- **Goal & Motivation**: What is the problem that you are trying to solve? Why is it important? This is the third time you have tried this, try to make it as good as possible.
- **Data and Data Processing**: What data did you use or collect? What does it look like? Is the amount/type of data sufficient for your project? What data processing did you do and why? Was their any unusual issues with the data? ... with the train/test/validation split, if you were doing a Class 1 project.
- **Model and Software**: What model(s) did you build, and what other software was needed if any? If you had a baseline and main model, describe both.
- **Quantitative and Qualitative Results**: How are you measuring sucess and comparing performance? How well did your model perform? What are some sample predictions generated by your model? Did you "cherry-pick" the best results or are you showing a representative sample? Discuss and interpret your results.
- **Discussion and Learnings**: Do your results make sense intuitively, or were the results suprising in some way? What would you do differently in a similar project, based on your experience in this project?

The content doesn't have to be covered in this precise order. For example, many presentations start with a qualitative result to better explain the problem and piques the audience's interest.

A good presentation keeps the audience in mind. The audience of your presentation is your classmates, a TA, and the instructor. If you plan to use the video, it will be anyone else who you would like to show your work. Your presentation should therefore be aimed at people who understand the basics of machine learning and natural language processing, as taught in this course, but who are not be an literate in the terms of your project domain.

The presentation will be graded for clarity of description of each section, and the quality and flow of the presentation itself, and on the results.