

## NEW TOPIC NOTES: INSTRUCTIONS

**DO NOT POLLUTE!** AVOID PRINTING, OR PRINT 2-SIDED MULTIPAGE.

### 1 Introduction

Your goal is to write lecture notes on one topic of Machine Learning that was not covered in the course, and present it to the class. Examples of these topics include Transformers, CNNs, Reinforcement Learning, etc. You may work on teams of **no more** than 3 people.

On February 28th at 1:30pm a roster will become available for students to indicate their team members, the topic of their choosing, and the date and time that they wish to present their topic to the class. Topics and dates will be claimed on a first-come first-serve basis. Topics cannot be duplicated. Students must make a selection by March 13th. The instructor may veto any topic (e.g., if is unrelated to the course).

Each team must submit through Canvas no later than May 1<sup>st</sup> a **.zip** file containing:

- All **.tex** source files and **.pdf** of the notes, in the *Notes.Template.tex* format, provided at <https://danielpimentel.github.io/teaching.html>. Your report should be no more than 10 pages long, excluding references and appendix. It *must* use notation consistent with the existing lecture notes.
- **Source code** or reference to **github** repository with all the code required to replicate experiments and results (if applicable).
- **Slides** that you will use for a 20-minute talk. Timing will be strictly enforced.

### 2 Evaluation

You will be evaluated on the quality of your notes as follows:

1. (20%) Completeness.
2. (20%) Self-containedness.
3. (20%) Correctness.
4. (20%) Clarity.
5. (20%) Presentation.

You will additionally be subtracted points based on the amount of time it would take the instructor to edit your notes before they are ready for a class (curved). Any team formed with a mix of undergraduate and graduate students will be given 5 extra points.