



CS 839: Foundation Models
~~Security, Privacy, Toxicity~~
Presentation & Project Info

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Announcements

•Logistics:

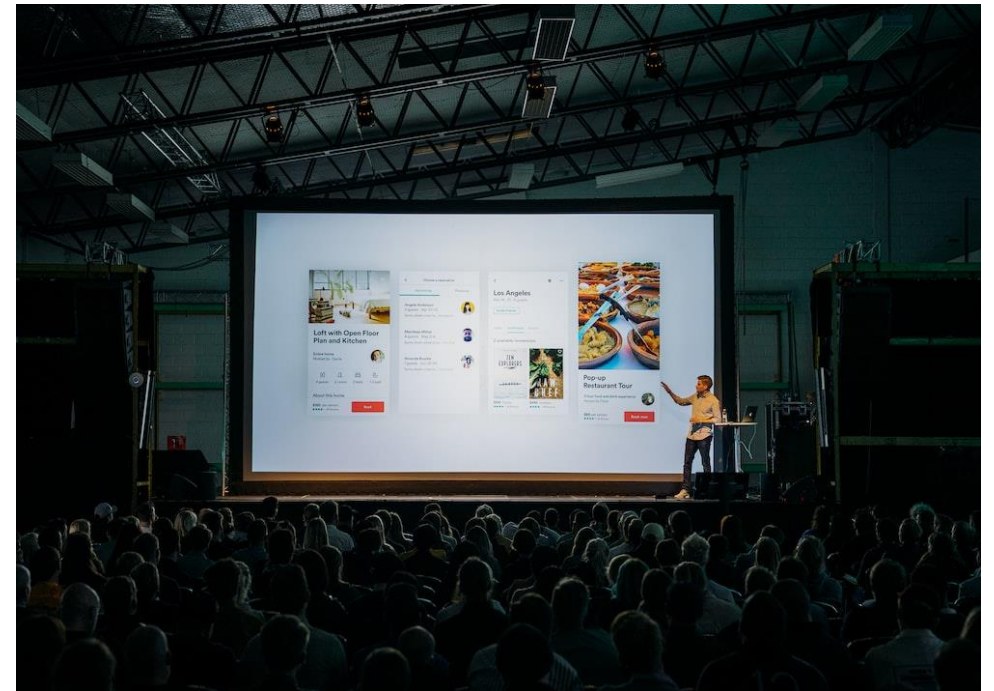
- HW2 due Nov. 9. One more (small) homework after
- Project info out. Dates: **Nov. 16**: proposal, **Dec. 19**
- Presentation dates: **Nov: 9,14,16,21,28,30 Dec: 5,7**
 - Two slots/date (worst-case three might be needed in some special cases)
- Due On **Nov. 2 (Today!)** --- presentation!

•Class roadmap: (note change!)

Thursday Nov. 2	Presentation + Project Info
Tuesday Nov. 7	Security, Privacy, Toxicity + The Future

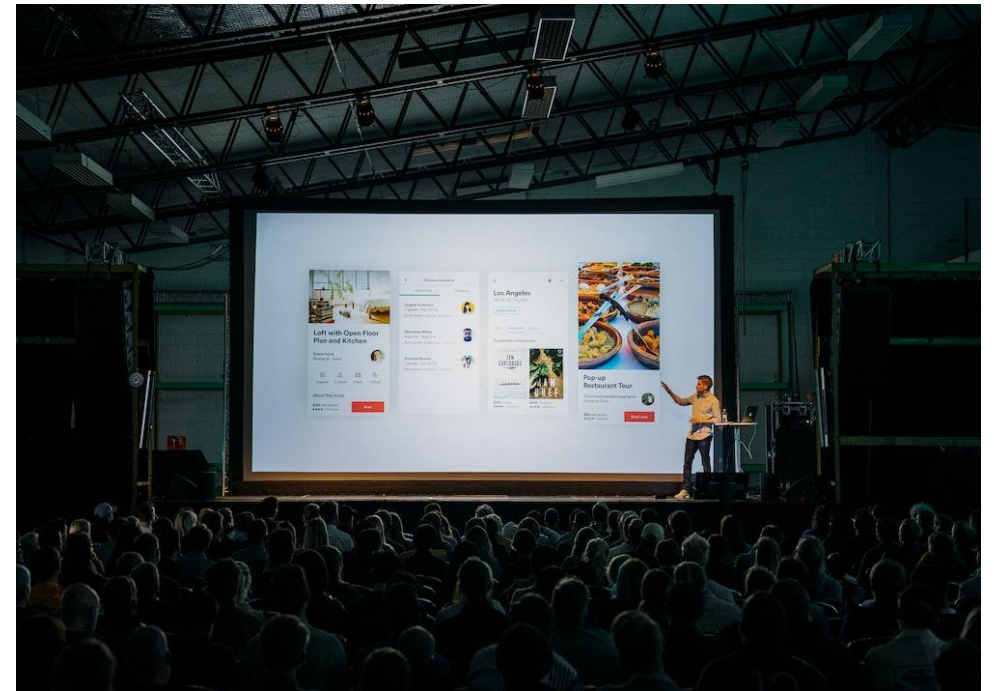
Presentation Hints: For Presenters

- **Why** did you select this paper?
- **How** does it fit into our class?
 - Example: studies PEFT variations
- **What** does it do beyond what other papers?
- What are the implications?
 - Who will care?
- What are insights beyond paper?
 - From you!



Presentation Hints: For Presenters

- What are insights beyond paper?
 - From you!
- This is the bit we're most interested in.
- Can describe flaws or limitations you've found
- Or new applications
- Or extensions
- Or inspiration you've gotten
- **Please have a few slides on this!**



Presentation Hints: For Presenters

- Finally, we want to have audience engagement
- **Please take a minute to ask audience (and allow volunteers to answer) 1-2 questions**
 - To gauge understanding
 - Or to drive a discussion forward



Presentation Hints: For Audience

Please engage & ask questions!

- We won't formally track this, but we are hoping for a conversation/discussion
- Obviously please attend.
- Rough goal: each of you please ask **two questions!**
 - Clarifying questions are fine

Project Hints

Your project should have the following:

- **Hypothesis (clearly state it!)**
- **Some means of verifying it**

- Contextualization for the work
- Related work
- Future work



Project Hints: **Writing**

Very generally, you can structure your report as follows:

- Also great for papers in general,
- Ignore parts that are not directly relevant

Tips for Writing Technical Papers

[Jennifer Widom](#), January 2006

Here are the notes from a presentation I gave at the [Stanford InfoLab](#) Friday lunch, 1/27/06, with a few (not many) revisions for the 10/19/12 revival. The presentation covered:

- [Paper Title](#)
- [The Abstract](#)
- [The Introduction](#)
- [Related Work](#)
- [The Body](#)
- [Performance Experiments](#)
- [The Conclusions](#)
- [Future Work](#)
- [The Acknowledgements](#)
- [Citations](#)
- [Appendices](#)
- [Grammar and Small-Scale Presentation Issues](#)
- [Mechanics](#)
- [Versions and Distribution](#)

<https://cs.stanford.edu/people/widom/paper-writing.html>

Project Hints: **Writing an Intro**

Intro can be challenging to write

- For your project report,
- Also for a paper
- Template is pretty good!
 - Answer each question with a bullet outline, then write

1. *What is the problem?*
2. *Why is it interesting and important?*
3. *Why is it hard?* (E.g., why do naive approaches fail?)
4. *Why hasn't it been solved before?* (Or, what's wrong with previous proposed solutions? How does mine differ?)
5. *What are the key components of my approach and results?* Also include any specific limitations.

Project Hints: **Writing Experiments**

Often challenging: structuring an experiment section!

- Hypothesis
- Proxy
- Protocol
- Expected Results
- Results

How to setup an experiment

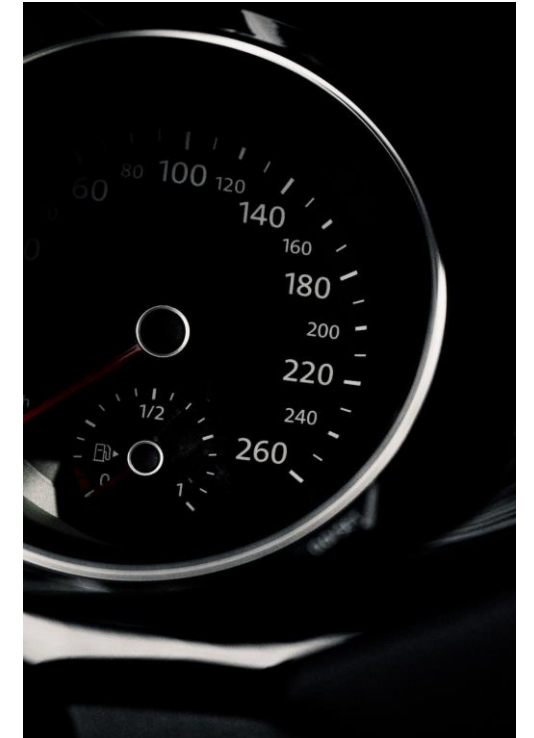
The Coffee Experiment!



Writing: Paper Hints

Beyond this class, one trick to keep in mind.

- Most reviewers not as knowledgeable as you are in your area
- Do not have access to a simple metric to evaluate your work
- **Provide it to them!**
- Otherwise, they will default to heuristics
 - Do you achieve SOTA?
 - Is the cosmetic writing/appearance good?
 - Other often irrelevant things





Thank You!