



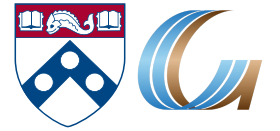
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CIS-620  
Spring 2021

# Learning in Few-Labels Settings

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Meeting # 9  
3/22/21



### ■ Class Project Proposals

- Due today
- Please follow the guidelines
- We'll try to give you feedback this week
- Don't wait – start working

### ■ Teams: not all of you are in teams...

<https://docs.google.com/spreadsheets/d/1cYTXVjOaxYLFsl3zNty3T5gl3Y6s1mgOnplaatVGhmk/edit#gid=302845822>

### ■ We prefer to not have single person teams

### ■ Paper presentations

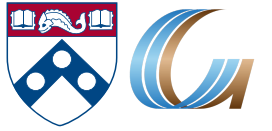
- Note that the presentations are not independent.
- Things that we have mentioned in earlier meetings are relevant to later papers. It would be nice if you can make the connections.

### Presentations:

- Please read the **guidelines**.
- Do not **cut-and-paste** the paper to the slides.
  - Not everything should be presented.
  - The order of the paper may not be the right order for a presentation.
- When you read the paper:
  - You can **go back and forth** to check things (notation, details, math).
  - You can consult outside resources if needed.
- **Your audience cannot do it.**
  - Your job as the presenter is to teach your students the paper despite this limitation.
- Think about what you need to do.
- **Experiments:** Just putting a table on the slide is not useful. Instead, discuss:
  - What is the goal of this experiment.
  - How do the results in the table achieve it (or not)
  - You don't need to show all the results
- So far, I've given very long list of comments to all of you.
- My goal is that you will learn from earlier presentations, so that I will not need to do it...

# Today's Papers

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- Learning with Constraints

- [Structured learning with constrained conditional models](#) (Sebastian Peralta)

- Learning Constraints

- [Learning Constraints for Structured Prediction Using Rectifier Networks](#) (Ben Zhou)

- [Never-Ending Learning](#) (Helen Jin)