CIS-620

Spring 2021

Learning in Few-Labels Settings

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Meeting # 7

3/8/21

Admin

Questions?

- Project #1
  - Many good discussions on Piazza
  - Presentations are due next Monday
    - We will set up a google slide deck and the order of presentations.
    - Plug in your slides by Noon next Monday
  - Each paper: decide on a representative to present the paper and the key issues that are common to all projects.
  - Please follow the guidelines on the web site
- Project #2
  - Proposals will move to March 22nd
- 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.
- 2nd critical surveys are due today
  - Almost all of you did a great job

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 presented 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

- Partial Supervision
  - Sentiment Tagging with Partial Labels using Modular Architectures (Lishuo Pan)
- Weak Supervision
  - Neural Symbolic Machines: Learning Semantic Parsers on Freebase with Weak Supervision (Yahan Yang)
  - Weakly Supervised Multi-task Learning for Semantic Parsing (Matthew Scharf)
- Domain Adaptation
  - Low-Resource Domain Adaptation for Compositional Task-Oriented Semantic Parsing (Jina Lo)