Project Proposals

LING575 Analyzing Neural Language Models
January 23, 2020

Proposal Structure

- 3-5 pages

- Four sections:
  - Introduction
  - Methods
  - Possible Results
  - Division of labor + timeline

- Throughout: cite previous / relevant work! (Not a full related work section, but references for motivation, data, methods, etc.)

Introduction

- One or two paragraphs motivating *primary research question / hypothesis*

- Be specific! (Not "Does BERT understand X?".)

Methods

- Imagine this as your actual methods section in your final paper.

  - What method will you use to address your question?

  - What data will you use?

    - Pre-existing, generate your own, …

  - How will you evaluate?

Results

- No actual results, but:

    - What are the possible outcomes of your experiment?

    - What would each outcome show? How would you interpret it?

Division of labor + timeline

- Make a list:

  - each task that needs to be accomplished

    - Who (can be >1!) will be primarily responsible for it

    - Rough estimate of deadline for that step

- Keep in mind: things will change, not go as linearly as planned. But thinking about these things in advance will help!

- Firm deadlines:

  - Presentations of results (mini conference): March 12, last day of class

  - Final paper: March 15

    - Write concurrently with making presentation

Submission

- On Canvas, one person per group uploads PDF

- Everyone else: upload PDF with

  - Group number

  - Name of member who uploaded the proposal

Looking forward to reading them!