Final Projects
CS 287: Statistical Natural Language Processing

1 Overview

- Project Proposal; March 25th

- Status Update; April 15th

- Final Project Presentation; April 26th

2 Introduction
- Final Project Due; April 26th

3 Bibliography

A crucial element of the project will be reading and responding intellectually to contemporary research in the field. Much of the class has been devoted to developing vocabulary for reading papers on these topics. With this in mind, we will evaluate the project heavily based on their processing of related work. Before jumping on a project be sure to first find related references. Sometimes it can be hard to find `good` references on a topic (particularly these days). As a proxy we recommend looking at papers from

NLP

- ACL

- NAACL

- EMNLP

Deep Learning/ Machine Learning

- ICML

- NIPS

- ICLR

- AISTATS

- UAI

Additionally, NLP has several shared tasks which contain data and evaluation on a specific problem:

- SemEval

- CoNLL Shared Tasks

- KDDCup

It has also become common to post new papers on the Arxiv. Note though that these papers are often not peer reviewed. Be sure to be aware of this and keep it in mind.

4 Process

4.1 Project Proposal

The first deadline will be a project proposal. For the proposal we would like a one-page document describing

- the motivation of the project

- the research question being asked

- the experimental setup

- clear empirical metrics and baselines

- proposal for evaluating the success of the project

- a bibliography of three (3) current references for the project

The proposal will be graded on mainly on completeness. It will allow us to assign you a mentor and to propose early suggestions for related work and experiments.

4.2 Status Update

4.3 Presentation

4.4 Final Writeup

For the final project, we will limit you to ten (10) pages of writing. It should follow the Latex template that we have been using for the homework including background, main body, related work, experimental work, and discussion. Note that you should be judicious with your use of 10 pages.

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