

NLP Project Background

Now that your project has been approved, it's time to do a bit of background research into previous work related to your project. You will need to look into previously built NLP systems that performed a task similar to what you intend your system to do. Find **at least 3** projects and read up on their approach. Pay special attention to how they structured their data(formatting, metadata, etc), what tools and algorithms they used, and any specific tuning or processing they did when generating their language model.

Try to find dissimilar projects, if you can. The goal is to find a variety of techniques and approaches used and determine which ones will be most appropriate for your project.

Each group will have a single submission:

A 2-3 page paper describing how similar systems have been implemented in the past. This should include:

- Techniques used for similar tasks in the past (Logistic Regression, State Vector Machines, Naive Bayes, etc) with a brief explanation of why they are used (i.e. what purpose do they serve?)
- Available tools and frameworks that are used for the task (NLTK, CoreNLP, GloVe, word2vec, etc)
 - Be specific about the modules in the frameworks and what they would do
- Examples of previous systems that accomplished similar tasks and how they were built
 - Give a brief summary of what the goal of the system was
 - Include the tools and techniques used
- Summarize what your system will do (what is the task you will be accomplishing and what information are you expecting to get from your system), and based on your research what tools and techniques you plan on using, and how what your system will do is different from the examples you described.