

1. What dataset you are planning to work with

Sentiment Analysis on Movie Reviews

2. Who your partner is

Isaac Getto & James Wang

3. For each group member: what are you hoping to learn from this project? These goals could be specific data manipulation skills, software engineering skills, or communication skills.

James:

- NLP skills
- Explore different machine learning models

Isaac:

- NLP skills
- Neural Networks
- Learning with larger datasets
- Produce useful Jupyter Notebooks

4. How do you foresee this project fulfilling the learning goals identified above. Be specific. If there are adjustments that could be made to bring things into better alignment, let me know (I won't guarantee that I will allow it, but it's worth a discussion).

The data set we are using is a collection of movie reviews. This problem requires different natural language processing skills to analyze the data. In this project we will use explore some different machine learning models including NLPTK, Bag of Words, and neural networks. We'll start with simpler models and then move onto more complex ones. We will focus on one or two models that we find most promising and gain a deeper understanding of how they work. We will track our progress by submitting to kaggle and recording our score.