**Overall Information**

* You must submit a report with code and interpretation within the same document. This report should be created within markdown or jupyter notebooks.

**Proposed Text**

* Import the text into your report from your proposal.
* If the text is one big, long string, first break into sentence segments and store it in a Pandas DataFrame.

**Create A Search Engine**

* Using each sentence as your “documents”, create a search engine to find specific pieces of text.
* Search for several items.
* Examine the results and comment on how well you think the search engine worked.

**Create A Recommendation System**

* Using the same “documents”, create a recommendation system based on your sentences.
* Search for similar words within your recommendation system (i.e., search for themes in your document like “love”/”war”, etc.).
* Does your recommendation system show you similar sentences to the topic you mentioned? What might be a better set of text for recommendations?

**Create Text Summaries**

* Create a human summary of the text.
* Create text summaries using LSA, TextRank, and Topic Modeling.
* Create a visualization output of the Topic Models.
* Assess those summaries using the Rouge-N analyzer.
* Which summary was the best when compared to the human summary?
* Interpret the top three topics from your topic model. Does it appear to summarize the text? What are the topics, and how are they related to your text?