Introduction to Text Analysis

Follow along with the introduction to text analysis example by clicking the link below.
https://github.com/caramessina/digitalteachingintegration/blob/master/comparative_text_analysis/Intro%20to%20NLP.ipynb

Browser-based Text Analysis Tools

While these browser GUI (Graphical User Interface) text analysis tools that are not necessarily technologically revolutionary, but these tools can show word frequencies and patterns in language. While using coding languages like Python and R can open up for other types of analysis (such as word embedding models and topic modeling), these GUI tools allow you to do more basic analysis to help you discover and compare patterns in the text.

DataBasic.io
https://databasic.io/en/

SameDiff (part of DataBasic)
https://databasic.io/en/samediff/

WordTree
https://www.jasondavies.com/wordtree/

Drag and Drop Sentiment Analysis
Text files: https://storybench.shinyapps.io/textanalysis/
CSV files: https://storybench.shinyapps.io/csvanalysis/

Data

This data is available for public use, consumption, and analysis. The data in the folder labeled “data” are all Federal Highway Administration reports. The original PDFs are found here. I extracted the raw text from these PDFs; these .txt files are in the data folder. You can copy paste these or upload these files into the above tools.

Links to a few other public data sets to play around with:

National Political Platforms
These platforms are written by each party while presidential candidates are campaigning to show what the party values and convince voters why they should choose a particular side.

Inaugural Addresses

Presidential inaugural addresses.