

Public-Facing Documentation

Computational Text Analysis for Content Analysis

Individual Class Info

POLS 1160 International Relations

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Fall 2020

Number of Students: **30**

Date and Time: **Tuesday, September 29th from 9:50 - 11:30 AM**

Location: **TBD**

Summary of Module

This module goes over computational text analysis for a corpus of texts, specifically literature in a particular discipline. The module includes a brief discussion on big data, how computational text analysis is useful, the browser tools that can be used to do this method of analysis, and how to interpret the results.

Learning Goals

- Learn best practices for building a small textual corpus, some basic vocabulary, and steps for preparing a corpus
- Understand computational text analysis methods
- Understand how to use a variety of tools for text analysis and interpret the results

Learning Objectives

- Know basic vocabulary around doing text analysis, such as corpus and stop words
- Learn steps for best practices when doing web-based computational text analysis
- Use web-based computational text analysis programs, such as Voyant

Materials for Module

Data, State of the Union addresses, collected from The American Presidency Project out of UC Santa Barbara. Data collected from

<https://stiplab.github.io/Covid19/Q1B.html>