# Recommended Data Visualization Software (as of Spring 2019)

## Text editor/coding environments:

**Sublime, Atom, Visual Studio, or TextWrangler**

## Coding packages:

**Stanford CoreNLP**
https://stanfordnlp.github.io/CoreNLP/

**Python**

For general use:
*$usr pip3 install python*
(or similar command for windows/linux)
Make sure to also install beautifulsoup4 and numpy at a minimum

Note: may need to use pip3 and python3 commands

## GIS:

**ArcGIS Pro Desktop** (if you have money, windows only)
https://pro.arcgis.com/en/pro-app/

**QGIS**
https://www.qgis.org/en/site/forusers/download

Note: also need to install python 3.5.x from the python website

**Carto**
https://cartodb.com
(must sign up for free account)

**Leaflet**
https://leafletjs.com
make mobile and web friendly maps with javascript, interfaces well with QGIS

## Data, plotting, and data manipulation:

**R**
http://www.r-project.org (install first)

**R Studio**
http://www.rstudio.com

**MySQL Workbench**
https://www.mysql.com/products/workbench/
You will also need a way to locally build SQL databases if your data isn't hosted online

## Networks:

**Gephi**
https://gephi.org

**Networkx**
https://networkx.github.io/
(also need to install java)

**Vis.js**
http://visjs.org/
Create web-friendly network diagrams based on javascript. This project also has packages for timelines, charts, and other visualization techniques

## Topic modeling:

**Mallet**
http://mallet.cs.umass.edu/

## Word Clouds:

**Word Art**
https://wordart.com/

## Miscellaneous:

**Color Oracle**
http://colororacle.org/

for testing visuals and color blindness

**Import.io**
https://import.io
semi-automatic text parsing

**Mr. Data Converter**
http://shancarter.github.io/mr-data-converter/
easily convert file formats for web use, etc.

**Open Refine**
http://openrefine.org/
data cleaning

**Mathpix Snipping Tool**
https://mathpix.com/
Allows easy generation of LaTeX-friendly equations based on screenshotting an on-screen equation