Recommended Data Visualization Software (as of Fall 2018)

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)

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