

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)

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