

## Recommended Data Visualization Software (as of Fall 2020)

<https://jackhester.com>

### **GIS**

*ArcGIS Pro Desktop*. Maps, spatial analysis, cartography. (Windows only.)

<https://pro.arcgis.com/en/pro-app/>

*QGIS*. Maps, spatial analysis, cartography. (Requires python.)

<https://www.qgis.org/en/site/forusers/download>

*Carto*. Maps, spatial analysis, cartography.

<https://cartodb.com>

*Leaflet*. Maps, javascript integration and mobile support.

<https://leafletjs.com>

### **Data, plotting, and data manipulation**

*R/R Studio*. Data analysis, data cleaning, statistics, web apps, plotting. (Install R first.)

<http://www.r-project.org/>

<https://rstudio.com/products/rstudio/download/>

*MySQL Workbench*. Database creation and management. (Requires additional tool to build SQL databases locally)

<https://www.mysql.com/products/workbench/>

### **Network diagrams**

*Gephi*. Network diagramming software.

<https://gephi.org/>

*Networkx*. Python-based network diagramming.

<https://networkx.github.io/>

*vis.js*. Web-friendly network diagrams and other visualizations using javascript.

<http://visjs.org/>

*D3.js*. Web-friendly network diagrams and other visualizations.

<https://d3js.org/>

## **Word clouds**

*Word Art*. Easily build wordclouds.

<https://wordart.com/>

*wordcloud*. Python package to build custom word clouds.

[https://amueller.github.io/word\\_cloud/](https://amueller.github.io/word_cloud/)

## **Miscellaneous**

*Color Oracle*. Testing visuals and color blindness.

<http://colororacle.org/>

*import.io*. Semi-automatic web/text parsing.

<https://import.io>

*Mr. Data Converter*. Easily convert file formats for web use, etc.

<http://shancarter.github.io/mr-data-converter/>

*Open Refine*. Simpler data cleaning.

<http://openrefine.org/>

*Mathpix Snipping Tool*. Generate LaTeX-friendly equations by screenshotting an image.

<https://mathpix.com/>