Tools for Exploring Data

This document contains links to interesting tools mostly for visualization of data; these are not intended to replace careful and scientifically valid statistical analysis of data but are provided as a supplement to engage users and encourage discussion.

Data 360 Users can upload datasets or data visualizations to share with others. Searchable.

StatCrunch For a small fee you can upload datasets and do analysis. This might be helpful for students who do not want to pay for STATA or SPSS. There is an fairly extensive list of statistical analyses possible.

Visual Complexity This site "intends to be a unified resource space for anyone interested in the visualization of complex networks. The project's main goal is to leverage a critical understanding of different visualization methods, across a series of disciplines, as diverse as Biology, Social Networks or the World Wide Web." You can do searches by topics and then read detailed descriptions of how and why the visualization was created and what it intends to show or describe.

Tableau There is both a free and a licensed version of this tool which enables uses to create a wide variety of visualizations of data. There's lots of training and tutorials and a vibrant online community to address pretty much any kind of visualization you may want to produce.