

16: VISUALIZING DATA

16.1: BUILDING A GOOGLE MAP FROM GEOCODED DATA

In this project, we are using the Google geocoding API to clean up some user-entered geographic locations of university names and then placing the data on a Google map.

16.2: VISUALIZING NETWORKS AND INTERCONNECTIONS

In this application, we will perform some of the functions of a search engine. We will first spider a small subset of the web and run a simplified version of the Google page rank algorithm to determine which pages are most highly connected, and then visualize the page rank and connectivity of our small corner of the web. We will use the D3 JavaScript visualization library <http://d3js.org/> to produce the visualization output.

16.3: VISUALIZING MAIL DATA

In this application, we will perform some of the functions of a search engine. We will first spider a small subset of the web and run a simplified version of the Google page rank algorithm to determine which pages are most highly connected, and then visualize the page rank and connectivity of our small corner of the web. We will use the D3 JavaScript visualization library <http://d3js.org/> to produce the visualization output.