**Data Visualization Class**

When to use which chart or graph:

* Use Bar or Column chart to comparing numerical quantities
* Use Pie chart to compare parts of a whole
* Use a Line graph to see changes in data over time
* Use X-Y (Scatter) plots to see the relationship between two different things

NOTES:

Web Sites to try:

* Math is fun.com (<http://www.mathsisfun.com/data/index.html>)
* Create a graph at Kids’ Zone Learning with NCES (<http://nces.ed.gov/nceskids/createagraph/default.aspx>)
* Google docs, a way to share data online ([http://docs.google.com/?pli=1#](http://docs.google.com/?pli=1))
* Word clouds from text (<http://www.wordle.net/>)
* Many Eyes, a data visualization tool from IBM (<http://www-958.ibm.com/software/data/cognos/manyeyes/>)
* Gapminder, Hans Rosling’s data visualization tool (<http://www.gapminder.org/>)
* Interactive JavaScript charts (<http://www.highcharts.com/>)