1. Assignment: Graphic Representation
   * **Choose** a data source and createa graph or table that illustrates a story behind the data. You may choose a single data set (e.g. a stock price) or a number of data sets (e.g. population numbers over time in four major cities.)
   * **Use** the following sites as suggestions for data sources:
   * Stocks: <http://finance.google.com/finance?q=goog>
   * Census data: [http://www.census.gov/compendia/statab/](http://www.census.gov/compendia/statab)
   * Internet usage data: <http://www.pewinternet.org/Data-Tools/Download-Data/Trend-Data.aspx>
   * U. S. Energy stats: <http://www.eia.doe.gov/overview_hd.html>
     + - **Create** a professional graph and explain the following:
   * The source of the data
   * What story the data is telling the reader
   * The reasons for which you used certain graphing or charting techniques (e.g. line graph instead of a bar or pie chart)
   * Principles used to make the graphic more effective
     + - **Create** a second graph or table that tells a contradicting story. Refer to techniques such as those in the Misleading Statistics document provided as an attachment. Use the same data set, but create a different graph, chart, or table.
       - **Summarize** the following:
   * Different or contradictory story being told.
   * Techniques you used in order to alter the story.
   * Ethical implications of altering the aesthetics of the graphic.
     + - **Submit** two graphs and two summaries in one Word document.