# Week 4, Sessions 1

**Sharda 2.1 – 2.6, Article: Aggregate deceptions: finding suitable aggregation strategies and appropriate functions.**

For a data set with a minimum of 100 rows and two columns of numeric data, a) calculate descriptive statistics (i.e, mean, median, mode, variance, standard deviation, minimum, maximum, range), and b) create plots (e.g., box-and-whiskers, scatter, histogram).

Identify the source of the data set, attach the Excel file with the data, statistics and plots, and provide a narrative summary about the insights you gained from the statistics and plots. (4 points)

You can use your own data set or a public data set.  Here are some pages with links to data sets:

[https://guides.emich.edu/data/free-data (Links to an external site.)Links to an external site.](https://guides.emich.edu/data/free-data)

[http://www.jenunderwood.com/2016/01/14/my-favorite-public-data-sources/ (Links to an external site.)Links to an external site.](http://www.jenunderwood.com/2016/01/14/my-favorite-public-data-sources/)