Chapter 4

# Try It Yourself: Investigate Resistance

## Excel Instructions

1. Open the LinkedIn\_Connections.csv file in Excel.
2. Use the variable in column A, LinkedIn\_Connections, and note its added outlier of 2 that appears in cell A12.
3. Calculate the summary statistics:
   1. Type the following formulas into empty cells.
      1. Mean:

=ROUND(AVERAGE(A:A),1)

* + 1. 80% Trimmed Average:

=ROUND(TRIMMEAN(A:A, 0.2),1)

* + 1. Median:

=ROUND(MEDIAN(A:A),1)

* + 1. Range:

=MAX(A:A)-MIN(A:A)

* + 1. Variance:

=ROUND(VAR.S(A:A),1)

* + 1. Standard Deviation:

=ROUND(STDEV.S(A:A),1)

1. Note your results. Did you have values for all of these summary statistics?