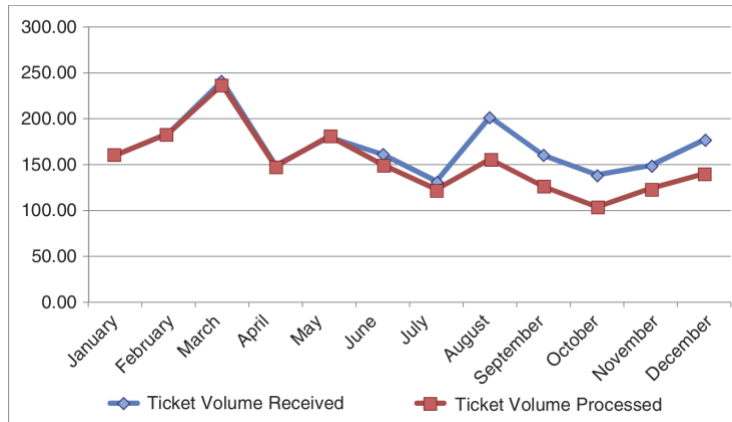# Assignment 1 – Excel Graphs

Professor John Sokol | Due 1/27

Background Information:

Flip to page 91 of Storytelling with Data. You will see the following Excel made line graph:
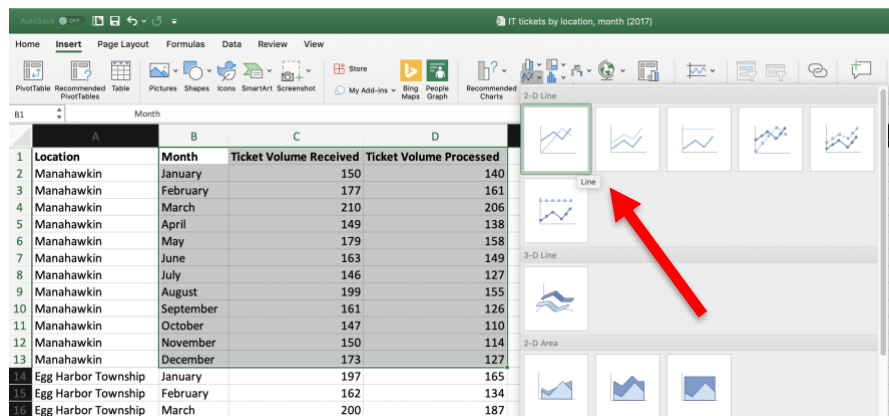

This line graph was made using Excel 2007. Although the default line graphs for Excel 2016 have improved, there are nonetheless several enhancements that can be implemented to improve readability and reduce viewer time to insight.
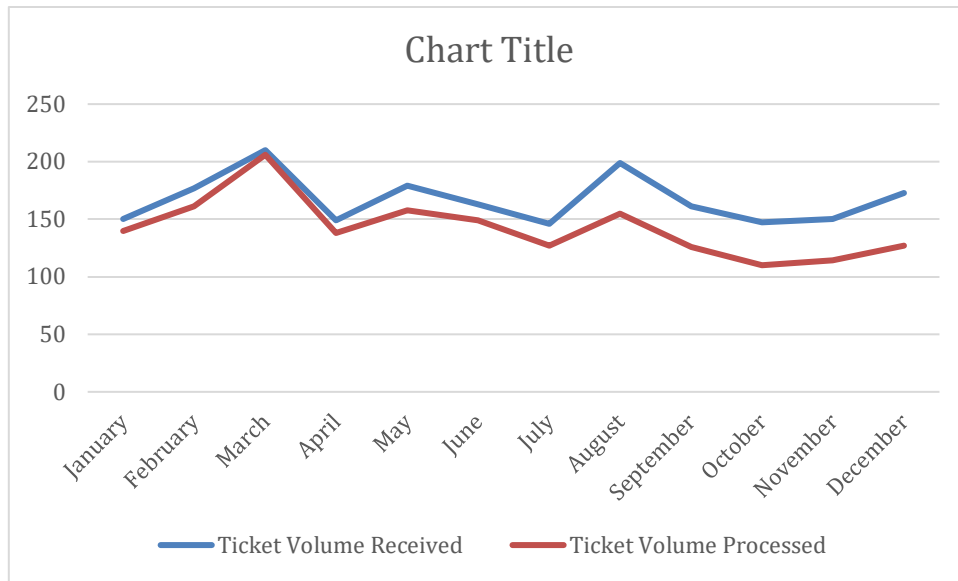
Directions:

Go to the Week 1 – 1/20 folder in Blackboard, download and open the Excel file IT Ticket Sales. Highlight the month and the two ticket volume columns (Ticket Volume Received and Ticket Volume Processed) of just the Manahawkin location:

Click on the 'insert' tab and create a default Excel line graph by clicking on the line graph button:

You should see a line graph similar to the one above.

The assignment objective is to enhance this default Excel line graph by employing the clutter removing and enhancement strategies elaborated upon in Storytelling with Data from page 91 – 98.

Deliverables:

1. Excel spreadsheet containing the improved line graph.
2. Half to one page write-up explaining your decluttering and data visualization enhancing strategies employed to improve the line graph.

Enhancement considerations:

1. Axis labels? Consider if they are necessary. For instance, if the x-axis is categorical by month, do you think the x-axis needs a label "month" or do you think this is self-explanatory?
2. Descriptive title?
3. Commentary that facilitates the narrative/storytelling properties of the data?
4. Any graph ink that may be deemed unnecessary?