

Assignment 1: Visualization Practice

Tasks:

1. Design a visualization for the provided data set, which includes historic stock prices for many stocks such as Apple. You don't need to use the whole data, but you may choose to visualize just one stock, or two stocks or a group of stocks.

Make sure the visualization will effectively communicate the data. Make sure to size your images so that they fit within a reasonable window size on a laptop screen and the text is readable at that size. You are free to use any graphics or charting tool you please.

2. Explain your design and provide a rigorous rationale for your design choice based on the content you learned such as Graphical Excellence and Graphical Integrity. Limit your description of the rationale and your design within one page. In the description, document the choice of visualization type, size, color, scale, and other visual elements. Explain how these choices facilitate effective communication.
3. Please include a short description of the tools you used to create the visualization.
4. Convert your visualization image/graph and description files into PDF files and upload them into Canvas.

Data Set:

The Excel file includes the historic prices of many stocks. Each entry includes the trading date, open price, the high price of the day, the low price of the day, the price at the close, volume of shares traded the day, and the symbol of the stock.