

Tableau II: Few-style Graphs of Survey Data & Advanced topics

Due Tuesday, October 16, 1:00pm

This lab assignment will give you concrete practice in constructing graphs using Few's principles and the Tableau Software visualization tool. In addition, the lab will cover a variety of advanced topics in Tableau.

Few-style Graphs of Survey Data

A cleaner version of the survey data can now be found on the class website:

http://courses.washington.edu/info424/schedule.html#tableau_advanced

Some data values have been added and corrected, and some additional sheets have been added with data from the multi-answer questions reshaped to support analysis. The raw data and the survey questions remain unchanged from last week.

1. Using Tableau and the survey data, create an example view that demonstrates each of Few's seven types of relationships. Try to find the best (concise, clear) visualization for each message. Consult the chart on page 83 of your text to ensure that you are using appropriate encoding methods for the data.

For each visualization, state your intended audience and the message.

We expect you to utilize binning, multiple sheets, and table calculations in completing this assignment.

Advanced Tableau Topics

2. Construct a dashboard of several coordinated graphs with at least one filter that allows you to control the view of some variable.