Team Homework 1: Traditional Data analysis

Due date: Feb 5 on class

Purpose: Gain experience exploring and analyzing data without using an information visualization system as a team.

Dataset: download data.zip from the course webpage. There are five datasets in it. Select TWO datasets of interest for this assignment.

Tasks:

1. Load the two datasets into Excel or explore them by hand (you can draw pictures by hand), but do not use any visualization systems. It is fine to use the graphing facilities provided by Excel.

2. Write down five insights (bullet list of items) you get for each dataset of the two. An insight is the understanding of the data and its characteristics that is not relatively obvious or intuitive. It is something that most people might NOT realize initially. For each insight, briefly describe how you find it. For example, you may use the sorting function of excel to find an extreme.

Totally 10 insight items are to be submitted by each team.

4. Write down five things (bullet list of items) that you want to learn for each dataset of the two, which cannot be easily done with Excel or hand. Briefly illustrate where the difficulty is.

Totally 10 want-to-learn items are to be submitted by each team.

Submission:

Please turn in one hardcopy of your assignment in the class. Each team needs one submission only. No email submissions or late submissions are accepted.

Grading:

We will evaluate if you did what the assignment asked. We will also evaluate the quality of the insights you listed. This is subjective. We are looking for things that we find interesting or perhaps unexpected.