**Project 1: Traditional Data analysis**

Due date: Monday, Feb. 17

**Purpose**: Gain experience exploring and analyzing data.

**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 similar tools, and explore them by hand. But do not use any visualization systems. It is OK to use the graph 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.

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 by hand. Briefly illustrate where the difficulty is.

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

Submission:

Please turn in your assignment in the Canvas system.