CPSC 683 Fall 2012: Information Visualization
In class data sketching exercises

Purpose:
- develop representation mapping skills (abstraction)
- create and recognize useful information visualizations

Evaluation:
- There will be at least 5 of these exercises over the course of the semester. These exercises contribute to your class participation course mark.
- For data sketching exercises there are 2 parts
  - Part #1, the invention or representational mapping part, - you will get full marks for simply doing it in full.
  - Part #2, the ‘crit’ or review. It is important to consider your data sketch, to be able to describe the mapping (which parts of the sketch indicate which parts of the data). I will try and keep time for some of these discussions to happen as a group, in class.

Structure:
Part 1 (invention or representational mapping part):
- the creation, by hand, of a visual representation of a small data set,
- the important aspect is the mapping from the data to the representation (or the inverse),
- no hard edges, no measuring, no care about the sketch (ideally no erasing)
- full marks will be awarded for doing this exercise – that is if the data is represented then you get full marks
- this is to encourage creation, innovation, risk taking – ‘just do it’
- these sketches will be handed in at the end of class and scanned to create a record (please put your name and student number on the back of the sheet)
- this is like a quiz in that you must be present and must take part to get your marks
- this is not like a quiz in that you do not have to memorize facts and you can talk and discuss as you go.

Part 2 (review skills, the ‘crit’):
- review your own sketches, also, review a sketch that is not your own
- can be verbal or written (short 1 page review)
- in creating these reviews draw upon the topics we discuss in class
- discuss both the positive and negative aspects of the sketch and make suggestions for improvements