Stat 111e – Spring 2015

Project Guideline

The project allows you to learn more about a topic and a statistical method that interest your group. Your group will communicate what you learnt to the rest of the class by giving a 10 minute presentation and answering questions for 5 minutes. You will also submit a report that is no more than 10 pages (including graphics).

Your presentation may be:
   a) the results of a data analysis, or
   b) a short lecture on something not fully covered in class.

For the data analysis, I expect your presentation to describe the questions you are trying to answer, the methods you used, and your results. You should be prepared to answer questions about your choice of method(s), any difficulties you encountered, and perhaps the appropriateness of your conclusion.

The short lecture may be a presentation on an extension to a topic covered in class including an example. I expect your presentation to clearly summarize your topic and be prepared to answer questions asking for clarification of your points or possible relationships between your topic and class material.

Your grade for the project will be based on:
   • the work you have done, as demonstrated in the oral and written presentation (20 pts),
   • the quality of your presentation (10 points),
   • the quality of your answers to questions (10 points),
   • the number and quality of questions you ask to other presenters (10 points).

I expect all of you to participate in the presentation and in answering questions.

Presentations will be given during the final exam time. That gives us 90 minutes for presentations, i.e. a total of 6 presentations.
Sources of Data:

1. StatLib at CMU (has data and story) – http://lib.stat.cmu.edu/
2. 100 Interesting Datasets – http://rs.io/100-interesting-data-sets-for-statistics/
5. Princeton University Library Databases (you can search tons of different subjects here) – http://library.princeton.edu/research/databases
6. Slovak Election Data Project (by Marek Hlavac) – https://sites.google.com/site/marekhlavac/slovak_election_data_project