Project

Identify at least two research questions. Choose two or more variables from the provided dataset, with which it is possible to answer the questions using a hypothesis test. Essentially, you should pick at least two variables of interest, and you will be exploring the relationship between them. All analysis must be completed in SAS or SPSS.Then you should answer the research question you developed using statistical methods you’ve learned in this class, and summarize your findings into a report.

# The provided dataset:

## National Surveys of 8th Graders

A nationally representative sample of eighth-graders was first surveyed in the spring of 1988. A sample of these respondents was then resurveyed through four follow-ups in 1990, 1992, 1994, and 2000. On the questionnaire, students reported on a range of topics including: school, work, and home experiences; educational resources and support; the role in education of their parents and peers; neighborhood characteristics; educational and occupational aspirations; and other student perceptions.

The data.xls file contains 2000 records of students' responses to a variety of questions and at different points in time. The codebook (Explanation of the data.pdf) explains the question and answer codes.

* [Website description of the survey](http://nces.ed.gov/surveys/nels88/)
* [Explanation of the data (pdf)](http://hci.stanford.edu/cs448b/data/nels/NELS_data_codebook.pdf)
* [The data (xls)](http://hci.stanford.edu/cs448b/data/nels/NELS2000org.xls)

# The Expected Output:

Each group should provide a written report with the findings and results of the research question. The Project report should be uploaded on the blackboard shell before November 30th at 11:59pm. Each group should prepare a presentation and present the project in the class at week 12 (December 2nd).