Project Handout

Deadlines.
    Written Project Abstract (including data): April 3.
    Written Project: May 1.
    Oral presentation: April 24 and May 1 in class.

Guidelines.

① Each project team will consist of 3-4 students.

② It must address a real-world problem with real data relevant to the course materials.

③ You must include the complete reference to your dataset in your report. Also, you will need to supply, in a separate file, the dataset.

④ In selecting your topic choose something that interests you, and try to have a main, answerable question in mind.

⑤ The goal of the project is to show that you know the material discussed in this course and beyond.

⑥ The page limit of the final report is 15 (8 1/2 by 11), including figures and computer output, if any.

⑦ Things to avoid:

    (a) misuse the methods or models,

    (b) mis-interpret the results,

    (c) overlook model inadequacy,

⑧ Guidelines for grading and evaluation of the project work has been uploaded on T-square.

Submission. Submit your report and presentation along with the data via email by the due date.

Abstract. The project abstract submitted early in the semester shall specify the followings:

① The student names in the team;

② A brief description of the data and the source where you acquired the data;

③ A brief description of the questions that you would like to answer; and

④ An initial list of project tasks and the students in the team assigned to each task.

Report. Your project report will need to be a thorough but concise report of your entire investigation and it should include:

① Summary (goals and major findings);

② Table of contents;

③ Description of the reason for your study;

④ Explain the raw data;

⑤ Appropriate statistical analyses of the data (use graphs as well as numerical summaries);

⑥ Statement of the subject matter implications of your study;

⑦ Discussion of further questions raised by your study (that might be investigated in the future).

The report shall not contain programming codes. You may attach an appendix with the codes. Include only relevant figures in the report.

Presentation. Oral presentations of project results will take place in class on April 24 and May 1. These will involve simply presenting a clear and concise 12-minute summary of the project and its main results. *All students must attend the presentations.* There will be no extensions or make-ups.

Grading. The final project grade is 50% the presentation grade and 50% the report grade. The presentations will be graded by students in this class. Each project team will grade all the presentations including its own presentation. The average grade given by all the project teams will be the presentation grade.