

**MDSC 643.01****Fall 2002****Data Analysis Project****Brant**

The Data Analysis Project will be completed in teams of 2 or 3 students. Each team must obtain a data set and analyze it, prepare a written report of the analysis and present the results in a poster session. The due date for the final report is Dec. 3 (see below).

**Overview**

Each team will be required to provide a data set containing 7 or 8 variables with at least two continuous and two categorical variables (remember that you can create a categorical variable from a continuous variable, if the situation warrants). There should be preferably at least 100 cases in the data set. All personal identifiers must be removed. They may be replaced by anonymous identifiers (e.g. subject numbers) if required.

**Interim Report**

Each team will be required to provide an interim report containing a one page description (non-statistical) of the data and the primary aims of the analysis by the 14th of November. The interim report should include:

- General background information on the purpose and design of the research, including data provider, source population.
- Method of sample selection, primary variables to be analyzed.

**Final report**

Students will present their completed project at presentations on Dec 3 (possibly extending to December 5). The final report is due Dec. 3. Detail regarding the format of the presentation will be given at a later date.

The written report should re-iterate in expanded form the material of interim report, and in addition include a results section, including tables, graphs, and description of formal inferences, and a discussion/interpretation section. Suggested length is 15 pages, including 3-5 pages of tables & graphs (to be integrated in the text). Additional attachments are discouraged, except for copies of data collection forms (if relevant).