SAS Practice Exercise

Due Feb. 3

The USDA National Nutrient Database contains nutrient data for a wide variety of foods. The database can be accessed online at: <http://ndb.nal.usda.gov/ndb/>.

For this exercise, your overall task is to select 10 different breakfast cereals and then use SAS to perform some basic analyses on the nutrients for the selected cereals. You can select any 10 cereals and any three nutrients you wish from the database. The three nutrients will be entered as quantitative variables in your SAS dataset. The name of the food item will be entered as a character string variable.

To complete this exercise, the following tasks are required.

1. Enter the nutrient data for the 10 selected food items into your SAS program as *instream* data. Make sure that the name of the food item is entered as a character string variable, replacing any spaces with an underscore character. The names only need to be long enough so that they serve as unique identifiers of the different cereals.
2. Use proc print to display your data.
3. Use proc means to compute the means of your nutrient variables.
4. Use proc corr to compute the correlations between your nutrient variables.
5. Save your SAS code and output in separate files. The output needs to be saved as a pdf document. You will turn in printouts of your code and your output at the beginning of class on Feb. 3.