This assignment is due by the beginning of class on Friday, January 22. You should email it to me (jbernhard@pugetsound.edu or jamesb@projectivespace.com) by that time. The subject of your email can be anything; you will see it again when I reply to your email to return this homework to you.

The filename is important, and I do count off points for incorrect filenames. The filename should be:

    yourPeopleSoftLogin-hw0

The file type is also important: your file must be in pdf format. I will not accept any non-pdf files (including Word files).

Your answers should be in complete sentences and should not include any R code or any text output that you have cut and pasted from R.

1. Read into R the UFO Encounters data file found at:

    http://www.stat.ufl.edu/~winner/datasets.html

How many UFO encounters in this data set were in the United States? (Use R to answer this question. Remember that nrow(myDataFrame) tells you how many rows are in a data frame, and subset(myDataFrame, myColumn="whatever") will form a data frame from the rows for which the entry in myColumn is whatever.)

2. Read into R the cereal data set from

    http://lib.stat.cmu.edu/DASL/Datafiles/Cereals.html

What is the mean of the number of calories per serving among the cereals in this data set? (Use R to answer this question.)