**Project 1: Descriptive statistics & graphing (50 pts; due Friday, Feb. 19 at the beginning of lab)**

After settling into your new life in Anytown, USA with your new degree in hand you find a job in the field of real estate development. You work for a developer (Doris Umbridge) who is considering investing in a new townhouse development. Doris has some baseline data for another develop in the Anytown, USA, but she would like a better description of it. She is not ready for you to spend your time on a full-blown statistical analysis, but she would like to mull over these data with a better summary description. Eventually she would like to do a more detailed analysis to determine if Anytown is “the place” for her development.

1) Doris is interested in sale price, square footage (living area), townhouse age, total bedrooms, and total bathrooms. You need not concern yourself with other variables.

2) Using only the tools you learned in class, and using SPSS, describe these data statistically and graphically.

3) The dataset can be found as a Microsoft Excel file “Townhouse Raw Data” on the website.

4) Turn in:

A short report that describes the townhouse sample (in writing) that cites the appropriate SPSS output

   i. Provide an introduction to the report that states the purpose of the project and how you plan to accomplish that purpose using statistics.

   ii. Make sure you clearly cite tables with statistics and charts from your output in the short report such that during evaluation, your boss can easily find information.