You are studying the relationship between average home prices in Albuquerque, NM (in early 1993) and whether a house is on a corner. In particular, you wonder: on average what difference (if any) in selling price can be attributed to the fact that a house is on a corner of two streets? The data set that you have available to investigate this is at

http://dasl.datadesk.com/data/view/59

To read this data set into R with `read.table()` or `read.delim()`, you should include the options `na.strings="*"` so that an asterisk will denote a missing value, `blank.lines.skip=TRUE` to skip the blank lines in the data file, and `sep=""` to specify that columns are separated by whitespace (rather than, say, commas or tabs).

Turn in your answers to the following questions related to the above data set. As in the previous assignment, be sure first to remove all missing values, convert categorical variables with numerical labels into factors, and transform any numerical variables as appropriate.

1. Give the model formula for 3 to 5 candidate models that can be used to address your question of interest. Explain how you selected these models. All of the models should have the same response variable, so that AIC can be used to select among them. Also, you should not use the TAXES variable, since that is derived from all the other variables.

2. Use AIC to select a single model from among your candidate models.

3. Use the model you selected to conduct an analysis that will provide an estimate of how much difference in selling price is attributable to the fact that a house is on a corner. Although you should conduct the full analysis for yourself, you only need to report the results here. (You do not need to turn in the full analysis.)