Data Assignment IV
Due April 5

1. Do exercise 6.4 from Weisberg. This exercise has some ambiguities, which we hope to reduce by the following changes and omissions. On part 1, omit the lack of fit tests. Throughout exercise 6.4, omit the graphical summaries (added variable plots, etc). Finally in part 4, carry out the model asked for in part 4, also obtain a model indicated by your work in part 3, and compare your part 4 model and your part 3 model with respect to interpolated data points (X in the 0 to 40 range) and extrapolated data points (X well outside that range.)

6.5 Do exercise 6.5 from Weisberg. This is an open-ended modeling problem, so there are no right or wrong answers, just good and bad answers. I would like you to make a good effort to develop a model you believe tells a story. Please make a strong effort to arrive at a nice presentation and a thoughtful but succinct conclusion.