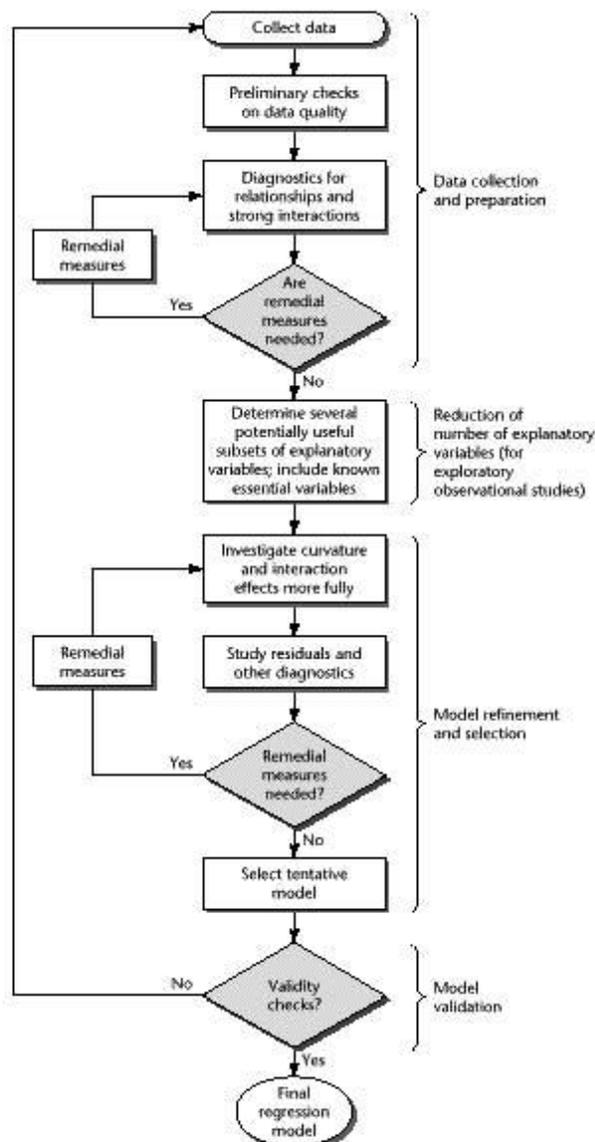


Today's task: run a multiple regression analysis from start to finish, checking assumptions and making inferences.

Regression analysis flow chart (from Kutner et al, 2005, p. 344)

**FIGURE 9.1**  
 Strategy for  
 Building a  
 Regression  
 Model.



Today's data:

Data are from 100 college sophomores at a large university. The data include each student's first year college GPA, the cumulative high school GPA, the total SAT score, and a numerical index of the quality of the letters of recommendation.

The goal is to see which of the high school variables are useful in determining whether a student will succeed in college.

Analysis Steps (your notes go here):



