

# Introduction to the R Statistical Computing Environment

## Workflow in R: Exercise

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\* One of the data sets in the **carData** package, called **States**, contains education and other data for the 50 U.S. states and Washington DC. Find out what's in the data set by looking at its help page and at the data. Then perform a linear least-squares regression of the average SAT math score of graduating high-school students on the average teachers' salary in the states. Perform a second regression of SAT math score on both teachers' salary and percentage of students taking the SAT exam. Compare the coefficients for teachers' salary in the two regressions. How do you account for the difference? For each stage of the data analysis, construct a relevant statistical graph or graphs.