Python Companion to ISLR

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1 Introduction

Using an `R` code block, we will save `Wage` data as a csv file.

Now we can read `Wage` data in `python` and plot graphs.

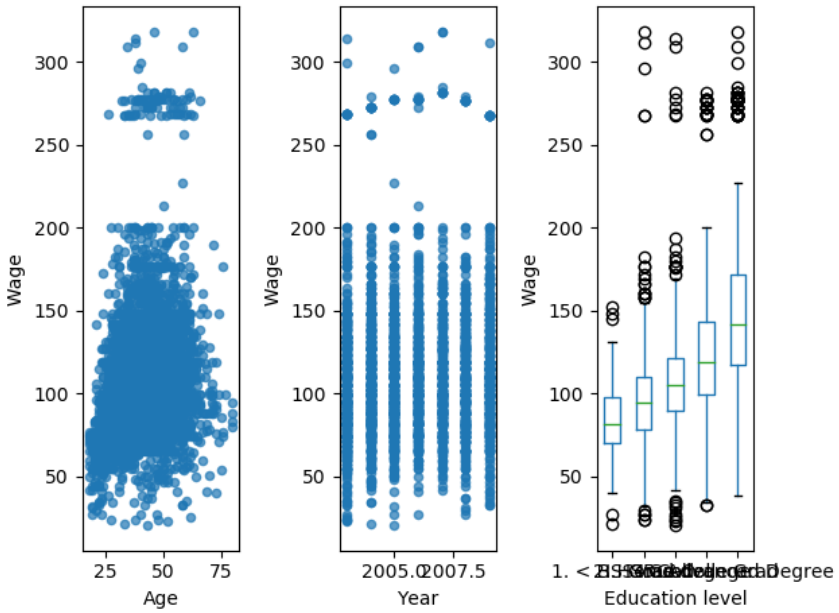

Figure 1: `Wage` data, which contains income survey information for males from the central Atlantic region of the United States. Left: wage as a function of `age`. On average, `wage` increases with `age` until about 60 years of age, at which point it begins to decline. Center: `wage` as a function of `year`. There is a slow but steady increase of approximately $10,000 in the average `wage` between 2003 and 2009. Right: Boxplots displaying `wage` as a function of `education`, with 1 indicating the lowest level (no highschool diploma) and 5 the highest level (an advanced graduate degree). On average, `wage` increases with the level of education.