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More about tibbles

In this reading, you will learn about tibbles, which are a super useful tool for organizing data in R. You will get a review of what tibbles are, how they differ from standard data frames, and how to create them in R.

Tibbles

Tibbles are a little different from standard data frames. A data frame is a collection of columns, like a spreadsheet or a SQL table. Tibbles are like streamlined data frames that are automatically set to pull up only the first 10 rows of a dataset, and only as many columns as can fit on the screen. This is really useful when you're working with large sets of data. Unlike data frames, tibbles never change the names of your variables, or the data types of your inputs. Overall, you can make more changes to data frames, but tibbles are easier to use. The tibble package is part of the core tidyverse. So, if you've already installed the tidyverse, you have what you need to start working with tibbles.

Creating tibbles

Now, let's go through an example of how to create a tibble in R. You can use the pre-loaded *diamonds* dataset that you're familiar with from earlier videos. As a reminder, the *diamonds* dataset includes information about different diamond qualities, like carat, cut, color, clarity, and more.