



Exercise

str

We're going to be using the following dataset for this module. Run this code in the console.

```
library(dslabs)
data(murders)
```

Next, use the function `str` to examine the structure of the `murders` object. We can see that this object is a data frame with 51 rows and five columns.

Which of the following best describes the variables represented in this data frame:

Instructions

50 XP

Possible answers

- The 51 states
- The murder rates for all 50 states and DC
- The state name, the abbreviation of the state name, the state's region, and the state's population and the total number of murders for 2010.

R Console

```
> library(dslabs)
  data(murders)
> str(murders)
'data.frame':  51 obs. of  5 variables:
 $ state      : chr  "Alabama" "Alaska" "Arizona" "Arkansas" ...
 $ abb        : chr  "AL" "AK" "AZ" "AR" ...
 $ region     : Factor w/ 4 levels "Northeast","South",...: 2 4 4 2 4 4 1 2 2 2 ...
 $ population: num  4779736 710231 6392017 2915918 37253956 ...
 $ total      : num  135 19 232 93 1257 ...

>
```