



Exercise



mutate, filter and select

Now we will reset murders to the original table by using `data(murders)` .

Instructions

100 XP

Use one line of code to create a new data frame, called `my_states` , that has murder rate and rank columns (with the rank ordered from highest to lowest), considers only states in the Northeast or West which have a murder rate lower than 1, and contain only the state, rate, and rank columns. The line should have four components separated by **three** `%>%` operators:

- The original dataset `murders`
- A call to `mutate` to add the murder rate and the rank.
- A call to `filter` to keep only the states from the Northeast or West and that have a murder rate below 1.
- A call to `select` that keeps only the columns with the state name, the murder rate, and the rank.

The line should look something like this `my_states <- murders %>% mutate`

script.R

[Dark Mode](#)

```
1 # Loading the libraries
2 library(dplyr)
3 data(murders)
4
5 # Create new data frame called my_states (with specifications in the
  instructions)
6 my_states<-murders %>% mutate(rate = total / population * 100000, rank = rank
  (-rate))%>%filter(region %in% c("Northeast","West") & rate<1)%>%
7   select(state, rate, rank)
```

[Run Code](#)[Submit Answer](#)

R Console