Learn / Data Science R Basics

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Exercise

⟨

Removing NAs

We previously computed the average of `na_example` using `mean(na_example)` and obtain `NA`. This is because the function `mean` returns `NA` if it encounters at least one `NA`. A common operation is therefore removing the entries that are NA and after that perform operations on the rest.

⊘ Instructions

100 XP

Write one line of code to compute the average, but only for the entries that are not NA making use of the `!` operator before `ind`. (Remember that you can use `help("!")` to find out more about what `!` does.)

⊙ Take Hint (-30 XP)

script.R

☾ Dark Mode

```r
1   # Note what we can do with the ! operator
2   x <- c(1, 2, 3)
3   ind <- c(FALSE, TRUE, FALSE)
4   x[!ind]
5
6   # Create the ind vector
7   library(dslabs)
8   data(na_example)
9   ind <- is.na(na_example)
10
11  # We saw that this gives an NA
12  mean(na_example)
13
14  # Compute the average, for entries of na_example that are not NA
15  mean(na_example[!ind])
```

↺   Run Code   Submit Answer

R Console