

## Revolutionize the way you teach and blog tutorial package

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### RMarkdown

```
title: "My example"
output: html_document
When you start R, `mtcars` is available.
Let's explore with `head()` and `tail()`.
```{r}
head(mtcars)
tail(mtcars)
111
That's enough for now!
```

#### My example

When you start R, mtcars is available.

Let's explore with head() and tail().

```
head(mtcars)
```

```
mpg cyl disp hp drat
   wt qsec vs am gear carb
                         6 160 110 3.90 2.620 16.46 0 1
## Mazda RX4
                          6 160 110 3.90 2.875 17.02 0 1
                   21.0
## Mazda RX4 Wag
## Datsun 710
                   22.8
                         4 108 93 3.85 2.320 18.61 1 1
                         6 258 110 3.08 3.215 19.44 1 0
## Hornet 4 Drive
                   21.4
## Hornet Sportabout 18.7
                          8 360 175 3.15 3.440 17.02 0 0
                         6 225 105 2.76 3.460 20.22 1 0
## Valiant
```

```
tail(mtcars)
```

```
disp
                                hp drat
   wt qsec vs am gear carb
                       4 120.3 91 4.43 2.140 16.7 0 1
## Porsche 914-2 26.0
                        4 95.1 113 3.77 1.513 16.9 1 1
## Lotus Europa
                 30.4
## Ford Pantera L 15.8
                      8 351.0 264 4.22 3.170 14.5 0 1
## Ferrari Dino
                        6 145.0 175 3.62 2.770 15.5 0 1
## Maserati Bora
                 15.0
                       8 301.0 335 3.54 3.570 14.6
## Volvo 142E
                 21.4
                       4 121.0 109 4.11 2.780 18.6 1 1
```

That's enough for now!



#### R Markdown + tutorial

```
title: "My example"
output: html_document
```{r include=FALSE}
tutorial::go_interactive()
When you start R, `mtcars` is available.
Let's explore with `head()` and `tail()`.
```{r}
head(mtcars)
tail(mtcars)
That's enough for now!
```

#### My example

When you start R, mtcars is available.

Let's explore with head() and tail().

```
script.R R Console

1 head(mtcars)
2 tail(mtcars)
```

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That's enough for now!



## tutorial

Install from CRAN

```
> install.packages("tutorial")
>_
```

Add chunk to top of R Markdown file

```
```{r include=FALSE}
tutorial::go_interactive()
```
```





#### How it works

```
knitr::knit_hooks
head(mtcars)
tails(mtcars)
tutorial package
```

```
script.R R Console

1 head(mtcars)
2 tail(mtcars)
```

**DataCamp Light** 

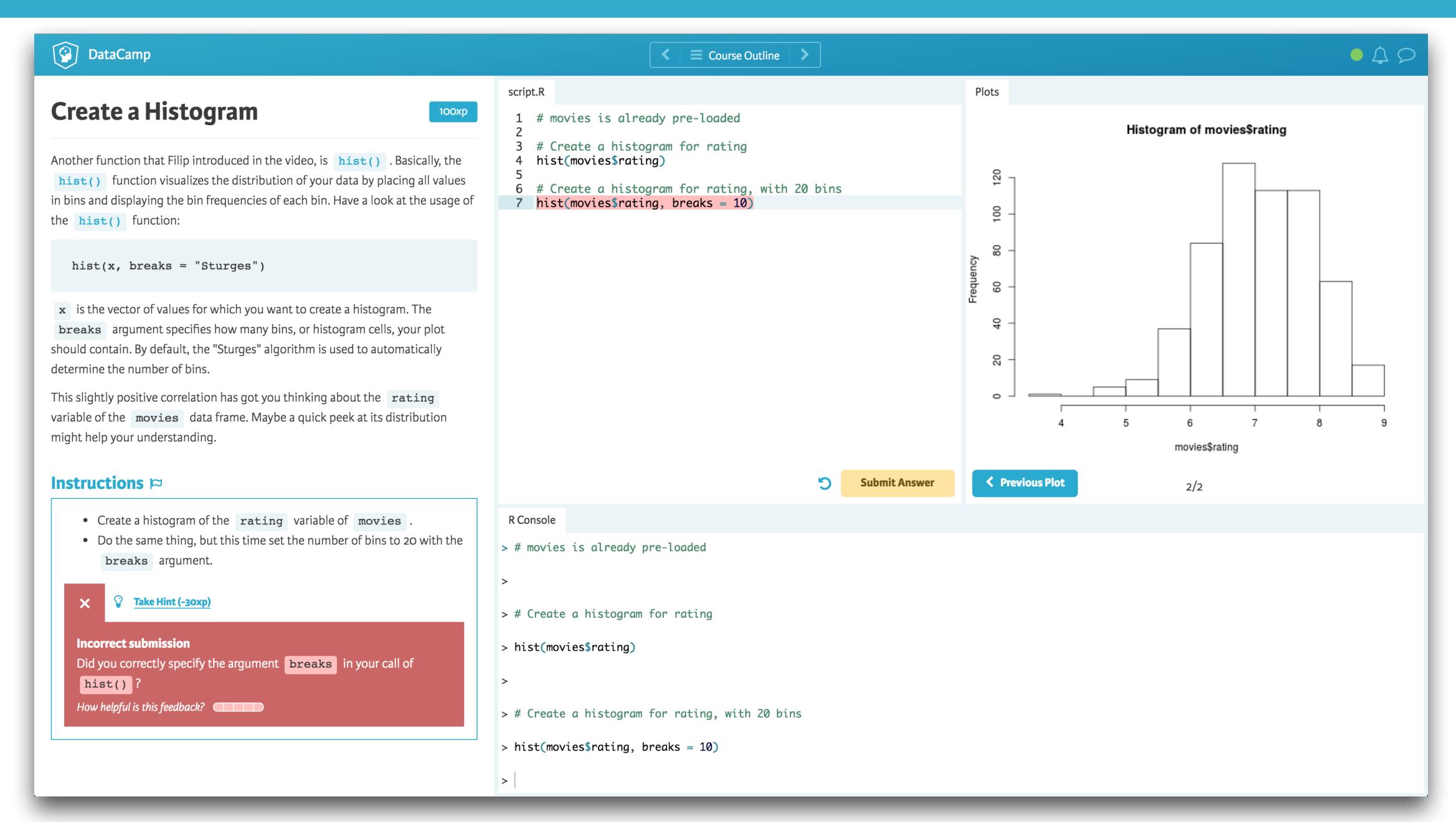
github.com/datacamp/datacamp-light



## Examples

- Book: advanced R
- Vignette: jsonlite







```
my_exercise.Rmd
```{r include=FALSE}
tutorial::go_interactive()
You can use `<-` for variable assignment.
Try it yourself: create a variable `a`, that
is equal to 5.
```{r ex="create_a", type="sample-code"}
# Create a
. . .
```{r ex="create_a", type="solution"}
# Create a
a <- 5
```{r ex="create_a", type="sct"}
test_object("a")
```





## Conclusion

```
```{r include=FALSE}
tutorial::go_interactive()
```
```

- Make static code chunks interactive
- Every HTML file generated with R Markdown
- Try it yourself!
- Future
  - Support multiple package versions
  - More features from DataCamp



# Questions?

- github.com/filipsch/erum-presentation
- github.com/datacamp/tutorial

- github.com/datacamp/testwhat
- github.com/datacamp/datacamp-light