

Colab on Data science : Tips on starting to use R

Doris Suzuki Esmerio

2023-05-31

How to import data into R ? —

- 1) For beginners : Click on “import dataset”.
- 2) For making a reproducible script: follow the instructions below.

Set up the right directory —

Simple set up : 1) New project 2) Create New for creating a new folder. Or Use Existing Directory if you already have a folder on your local computer. 3) Create a folder to include your datasets.

If you want to include version control (it is a best practice): 1) Set up a Github repository 2) Open RStudio, Click on “Create New Project” , Version control , then paste the url from your github repository 3) You can create a folder to include your datasets, either by the folder directory, or by code :

```
dir.create("Data")
```

```
## Warning in dir.create("Data"): 'Data' already exists
```

```
getwd() # this should show you where you are
```

Check —

```
## [1] "C:/Users/doris/OneDrive/Área de Trabalho/Github_codes/Colab_on_Data_Science"
```

Load data

```
### Load libraries ----
```

```
library(readxl) # for xlsx  
library(readr) # for csv
```

```
# Load data ----
```

```
df <- read_xlsx("Data/example.xlsx",  
               sheet = 1)
```

```
dataset <- read_csv("Data/example.csv")
```

How to look at the data:

```
df %>% glimpse()
```

```
df %>% View()
```

Keyboard shortcuts —

Run line of code: cntrl + enter

Save file : cntrl + s

Pipe (%>%): cntrl + shift + m

Comment line : cntrl + shift + c