

QUESTIONS MADE DURING THE LIVE CLASS AND ANSWERED BY E-MAIL

Course: MBA in Data Science and Analytics

Subject: Data Wrangling IV

Class date: 11/30/2021

Thiago Molina Capelão

10:55

What does the `invoke_map()` function do?

Thiago, `invoke_map` makes it easier to enable lists of functions with parameter lists.

Matheus Vanzela

22:51

Is the logic of these functions the same followed when we do dot product in Linear Algebra?

Matheus, we do not know the function that you are referring to. But all functions of R have support documents, just to position the cursor on the function name and press the F1, several information will appear, including some functions have the theoretical framework in which the function is based, and even works regarding econometry and underlying mathematics. If you still have questions, I ask you contact us via our monitors email, please. We will promptly help you.

Matheus Vanzela

22:47

What is the difference between using the concatenate function (...) and the list (...)?

Matheus, regarding the command `list(...)` we have that: lists are defined as generical and flexible structures that allow you to store several formats in only one object. The command (...) saves several information in one object.

Maurício Randow Murari

10:44

Do the arguments of `rnorm` need to be in the established order? first `n`, then average and then standard deviation?

Maurício, if I understood your question, the positioning of results doesn't need to be in the same order of functions. The mean and the standard deviation will collect the data for calculating, respecting the order of lists created by the professor, however, it can be "plotted" in another order because the functions are already with the defined names.

Marcos Vinícius Costa de Carvalho Thomé

10:44

Should the arguments of the `map2()` function be lists or can they be vectors? Ex.: `c(1,2,3)`

Marcos, it can be applied to lists and vectors.

Estevan Figliolia Fernandes

10:31

I didn't understand the feature of the `double_dbl`. could you explain better to me, please?

Estevan, we didn't understand which part of the code you are talking about. But all functions of R have support documents, just to position the cursor on the function name and press the

F1, several information will appear, including some functions have the theoretical framework in which the function is based, and even works regarding econometry and underlying mathematics. If you still have questions, I ask you contact us via our monitors email, please. We will promptly help you.

Gabriel Henrique Mageste Costa

22:30

Regarding the use of more than one function, if they were other functions that are not basic. Ex: `maps_dbl(vetor, FunçãoCriada1, FunçãoCriada2, FunçãoCriada3)`. Is it possible? If yes, how would it be?

Yes, Gabriel. There is not a manner of explaining in this short space all the thousand (or millions of possibilities) for creating functions. The possibilities are practically infinite, but the logic does not differ from this logic presented by the professor. If you have specific questions about the construction of functions, I ask you to contact us via our monitors email.

Uilson Vicente Bonfim Júnior

22:30

Why is necessary to use ~ (tilde) in the 722 and 743 lines and in the line 739 it's not?

Uilson, the ~ (tilde) indicates in the language R a specification of a function.

Tarcizio da Silva Barbosa

10:30

How to use the `map()` to use the `rename()` and rename the name of the original variables in the `dataset_inicial` at once?

Tarcizio, we can use the pipe for these functions with multiple stages. We can't give you a more specific answer without having the details of your objective.

Nilton Sergio Novack Junior

10:26

How to convert from list to dataframe using the row names of lists?

Nilton, this conversion can be done through the command "`as_tibble`" or even through the "`bind_rows`", each one has their peculiarities depending on their objective regarding the desired conversion.

João Gilberto Dias Lima

10:23

Adding new information: and if we had 2 data sets with equal column names, how to refer the specific data set?

João, the basic syntax in R language for the "complete name" of variables is "`base$variável`".

Leticia Castro Silveira Gama

10:23

Why do we need the tilde for the summary function inside the map, but when we put the "mean" function we do not need?

Leticia, the ~ (tilde) indicates in the language R a specification of a function.

Cristine Shimabukuro

09:34

The dataset in R is not uploading.

Cristiane, we didn't understand your question. Contact us via our monitors email with a print of the error and, if it is possible, with some information of your system, we will promptly help you.

Cristine Shimabukuro

09:34

It is not uploading the datasets in R: Error: `path` does not exist: '(1.2) Dataset Aula Data Wrangling.xls'

Cristiane, we didn't understand your question. Contact us via our monitors email with a print of the error and, if it is possible, with some information of your system, we will promptly help you.

Beatriz Piramo Torres de Oliveira

09:30

answer08:39 > it did not work . Can I contact someone to follow me in this adjusting? Does the coursemother do this type of assistance?

Beatriz, we didn't understand your question. Contact us via our monitors email with a print of the error and, if it is possible, with some information of your system, we will promptly help you. Unfortunately, we can't assist in a distance education way, but the monitors help with all questions via email.

Gabriel Henrique Mageste Costa

09:29

How to create a dynamic interval of input in the function? Ex: can I have 1, 2, 3, ..., inputs? Similar to what happens in some functions (like the sum).

Gabriel, it was answered by the professor in the live class.

Lucas Roque Chiaramonte

09:28

In the function of the line 644, how do I return the classification of the value and function value?

Lucas, it's important that the students test the thought solutions and try to build the functions by themselves, we imagine that in this way the learning of the functions is more effective. A possible syntax would be the following:

```
ajustar_mult <- function(valor1, valor2) {  
  ajuste <- ((valor1 + 180)/(valor2 - 60))  
  if(ajuste <= 100) {  
    return (c("baixo", ajuste))  
  }  
  else if(ajuste > 100 & ajuste <= 1000) {  
    return (c("médio", ajuste))  
  }  
  else {  
    return (c("alto", ajuste))  
  }  
}
```

Anderson Jeronimo Da Silva

09:28

Can I combine multiple returns (for example, add the result of the vector of adjustment to the text) in the return() function?

It is fully possible, Anderson. In the question above I made a suggestion for the syntax of multiple returns.

Leonardo Meschke Mendes

09:06

Can I refer to a programming sheet in the parameter (purr ... update)?

Leonardo, we didn't understand your question. If you want, contact us via our monitors email detailing your question, please. We will promptly help you.

Jose Guilherme Martins dos Santos

09:05

Question about function: it was presented values, and what happen in the case of string combined with number? Is it necessary to type the argument?

José, question answered by the professor during the moment of questions on live.

Luis Carlos Groff Junior

08:58

Can you explain better the syntax, please?

Luís, we didn't understand your question. Contact us via our monitors email with a print of the error and, if it is possible, with some information of your system, we will promptly help you.

Maurício Randow Murari

08:24

Hello! Answering the question that they asked me: I performed the git init, git add, and git commit. Then, the two configurations were requested (user.email and user.name). I executed both and the error appeared when I did the commit again.

Maurício, contact us via our monitors email with a print of the error and, if it is possible, with some information of your system, we will promptly help you.

Bárbara Aparecida Moraes Lamazales

08:12

Good evening! Another subject regarding the ggplot: is there a way to remove the missing when creating a bar chart or other type of charts of a variable? so it is not accounted...?

Yes, Bárbara. It is possible to remove the missing before plot charts through the ggplot and ggplot2 packages.

Thaysa Fernanda Elias

07:59

I am not using any VPN

Thaysa, we didn't understand your question. Contact us via our monitors email with a print of the error and, if it is possible, with some information of your system, we will promptly help you.

Raquel Partelli Feltrin

07:40

I need to filter all the variables of the dataset - I am using these two codes, but it filters just the first 9 variables (`dat-filter_all(data, any_vars(. >= 20))`)

Raquel, we didn't understand your question. Contact us via our monitors email with a print of the error and, if it is possible, with some information of your system, we will promptly help you.

Leticia Castro Silveira Gama

07:28

Even performing the git config --global commands to insert the email and user name, the same message appeared after the commit - m

Leticia, contact us via our monitors email with a print of the error and, if it is possible, with some information of your system, we will promptly help you.

Ricardo Hirota

07:26

When using the StudioR, I could do it in the way that the professor brought up, but in StudioR I didn't find, where can I perform this same process?

Ricardo, contact us via our monitors email with a print of the error and, if it is possible, with some information of your system, we will promptly help you.

Kim Braga Poletto

10:01

How to transform a column into a list?

Kim, this operation can be done with the `as.list()` command

Thiago Colette Vegi

07:38

I noticed different types of data frames in the tests that I performed. Could the Professor perform a synthesis of the main types and characteristics? I noticed that dplyr has a own type.

Thiago, contact us via our monitors email, so that we indicate some references on the subject, please.