

MBA
USP
ESALQ

Séries Temporais

Prof. Dr. Ricardo Limongi



Acessar o endereço: <https://rstudio.cloud/>



Log In

Sign Up

RStudio Cloud

Do, share, teach and learn data science

GET STARTED FOR FREE

ALREADY A USER? LOG IN

If you already have an RStudio shinyapps.io account, you can log in using your existing credentials.

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Opção 1 – “Log In” – caso tenha conta na plataforma
Opção 2 – “Sign Up” – caso não tenha conta na plataforma



RStudio Cloud

Do, share, teach and learn data science

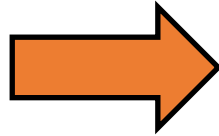
GET STARTED FOR FREE

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Escolher a opção de Login



Log In

Don't have an account?
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 Log In with Google

 Log In with GitHub



Your Projects

Sort By name ▾

no projects

New Project ▾



New RStudio Project



New Jupyter Project



New Project from Git Repository



1



2

File Edit Code View Plots Session Build Debug Profile Tools Help

Addins

R 4.1.0

Console Terminal Jobs

R 4.1.0 · /cloud/project/

```

R version 4.1.0 (2021-05-18) -- "Camp Pontanezen"
Copyright (C) 2021 The R Foundation for Statistical Computing
Platform: x86_64-pc-linux-gnu (64-bit)

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You are welcome to redistribute it under certain conditions.
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R is a collaborative project with many contributors.
Type 'contributors()' for more information and
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Type 'demo()' for some demos, 'help()' for on-line help, or
'help.start()' for an HTML browser interface to help.
Type 'q()' to quit R.

>

```

Environment History Connections Tutorial

123 MiB

R Global Environment

Environment is empty

Files Plots Packages Help Viewer

New Folder Upload Delete Rename More

Cloud > project

	Name	Size	Modified
	..		
	.Rhistory	0 B	Oct 29, 2021, 1:55 PM
	project.Rproj	205 B	Oct 29, 2021, 1:55 PM

Ambiente do Rstudio Cloud

File Edit Code View Plots Session Build Debug Profile Tools Help

Go to file/function Addins

R 4.1.0

Console Terminal Jobs

R 4.1.0 · /cloud/project/

R version 4.1.0 (2021-05-18) -- "Camp Pontanezen"
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> |

Environment History Connections Tutorial

Import Dataset 123 MiB

List

R Global Environment

Environment is empty



Vamos escolher a opção “Upload” para subirmos os arquivos do computador para a nuvem do Rstudio Cloud

Files Plots Pa Help Viewer

New Folder Upload Delete Rename More

Cloud > project

	Name	Size	Modified
	..		
	.Rhistory	0 B	Oct 29, 2021, 1:55 PM
	project.Rproj	205 B	Oct 29, 2021, 1:55 PM

Upload Files

Target directory:

/cloud/project

Browse...

File to upload:

Choose File

no file selected

TIP: To upload multiple files or a directory, create a zip file.
The zip file will be automatically expanded after upload.

OK

Cancel

Agora basta localizar os arquivos que irá utilizar
Ex.: “lebron.Rdata” e “aula3.R”

Files

Plots

Packages

Help

Viewer

+ New Folder

↑ Upload

✖ Delete

↔ Rename

⚙ More ▾

☐ Cloud > project

▲ Name



..



.Rhistory



project.Rproj

```

# BLOCO 1 #####
#####

# Neste primeiro bloco faremos uma revisão das técnicas de previsão e uma
# comparação para termos uma melhor avaliação.

#####

# IMPORTANTE #####
#####

# Por gentileza, se atenham as orientações sobre o uso dos pacotes, em especial,
# o pacote "forecast". De maneira geral possui dependências e
# pode, eventualmente, ter conflito com outros pacotes. Caso isso aconteça
# basta reinstalar o pacote e seguir. E claro, lembre de reativar o primeiro bloco
# de pacote do script "pacotes.R", linhas 14 a 26.

#####

# LEMBRETES #####
#####

# Padrão sazonal existe quando uma série é influenciada por fatores sazonais
# (ex.: trimestre do ano) e representa um período fixo e conhecido.
# Consequentemente, as séries temporais sazonais às vezes são chamadas de séries
# temporais periódicas.

# Padrão cíclico existe quando os dados exibem subidas e descidas que não são
# de período fixo. A duração dessas flutuações é geralmente de pelo menos 2 anos.

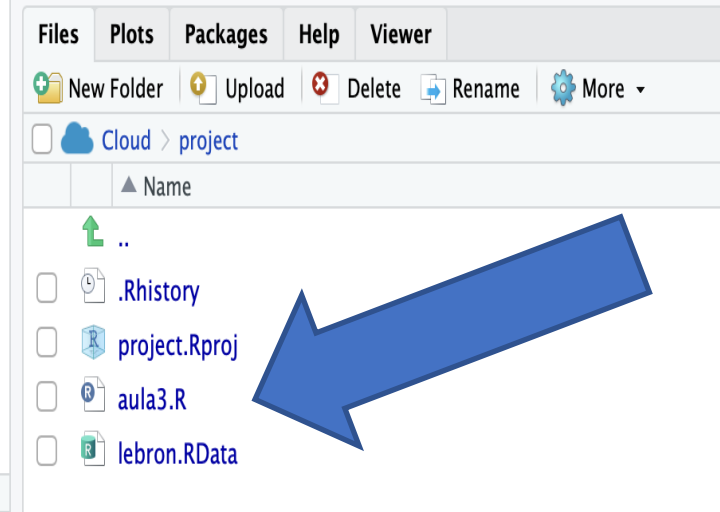
# Se as flutuações não são de período fixo, são cíclicas; se o período for
# imutável e associado a algum aspecto do calendário o padrão é sazonal
# (Untitled)

```

Ao clicar, por exemplo, em
“aula3.R” o script será carregado
normalmente para que possa
executar



Os arquivos selecionados
anteriormente estarão visíveis
na parte inferior



Prof. Dr. Ricardo Limongi



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