

# Finding R Answers

Give a man a fish and you feed him for a day; Teach him to use the Internet, and he won't bother you for weeks!

# Top 5 Resources:

- R Language Definition:  
<http://cran.r-project.org/doc/manuals/R-lang.html>
- `help.search("keyword")` or `??keyword`  
or `?? "key word"`
- `RSiteSearch("keyword")`
- `RSeek.org`
- `StackOverflow.com`  
<http://stackoverflow.com/questions/tagged/r>

Newest 'r' Questions - Stack

stackoverflow.com/questions/tagged/r

Instapaper Read LaterR Language Definition

StackExchange

JD Long 10,27722579193reviewchatmetafaq

[r]

stackoverflow

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R is an open source programming language and software environment for statistical computing and graphics.  
learn more... | improve description | top users | synonyms (1)

0 votes  
2 answers  
10 views

selecting non-consecutive columns in R tables

Let's say I have a some table T. Assume T has columns 1,2,3,4,5. How do I select, for example, any arbitrary subset of columns? Let's say I want to select column 1 and [start:stop] where start and ...

rtable

asked 23 mins ago

user938301

11

0 votes  
2 answers  
13 views

Dynamically Delete Elements Within an R loop

I am dealing with a problem I really need to solve. Specifically, I have a dataframe (a small subset follows here): let's assume the dataframe is called df X Y Sex ID 2 583058.2 ...

listrfor-loopforeachdata.frame

asked 37 mins ago

Francesco

1

0 votes  
0 answers  
10 views

Generating a data frame of all Twitter followers and their location Using TwitterR

I'm new to the twitter package and am trying to geterate a data frame which is comprised of users who follow me, their location, and number of tweets. name location tweets sfih Denver, ...

rtwitterdata.frame

asked 1 hour ago

ATMathew

59128

7,939 questions tagged

r

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data × 98

graphics × 97











# #1 dumbass of all time!

## Top Askers

### Last 30 Days

76	30		John 687 • 9
56	8		Iterator 5,670 • 2 • 6 • 27
40	7		songpants 254 • 7
40	6		Tyler Rinker 319 • 1 • 16
35	10		Xu Wang 520 • 7
32	4		SFun28 2,624 • 4 • 19
32	8		Christoph_J 230 • 5
27	3		JD Long 10.3k • 2 • 25 • 79
25	6		gsk3 5,250 • 11 • 36
22	6		RYogi 488 • 2 • 12
21	3		Andrie 20.9k • 2 • 25 • 67
20	8		Sam Globus 200 • 9

### All Time

433	84		JD Long 10.3k • 2 • 25 • 79
274	83		SFun28 2,624 • 4 • 19
229	81		Tal Galili 1,934 • 6 • 36
217	88		Brandon Bertelsen 4,774 • 5 • 27
200	63		David 1,923 • 5 • 21
200	32		gsk3 5,250 • 11 • 36
194	32		Iterator 5,670 • 2 • 6 • 27
191	27		Christopher DuBois 2,619 • 1 • 10 • 37
182	20		Andrie 20.9k • 2 • 25 • 67
175	55		Zach 1,452 • 1 • 12
175	21		Joris Meys 20.3k • 2 • 27 • 59
167	37		gappy 1,965 • 11 • 21

# Good Questions Are...

- Easy to reproduce
    - Cut and paste code
    - Contain data
  - Descriptive
  - Contain an actual question
- 
- Source: <http://stackoverflow.com/q/5963269>

# Reproducible

The penultimate test of reproducibility:

Can someone copy your code,  
paste it into R and understand  
your question?

# Anti Example:



stackoverflow

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## Always get an error with combining if and logical & statement in R



-3



I am always getting an error when I try to combine if statement with logical & statement in R.

I have 2 data, `f` is a data frame and `st_dev` is a numeric class.

I try to run this:

```
for (w in 1:100){  
  if (((f[[w]]>0.02) & ((st_dev[w]-st_dev[w+1])>abs(0.0025))))==1){  
    o[w]<-index(f[w])  
    break}}}
```

But then I get the error message:

Error in if statement, missing value where TRUE/FALSE needed

Hope someone can help. Thanks in advance! :)



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edited **Nov 14 at 16:05**



Anne

5,414 ● 1 ● 4 ● 17

asked **Nov 14 at 15:59**



user1045819

1

3 Not reproducible ... – Ben Bolker Nov 14 at 16:05

...and three right curly brackets but only two left ones. – joran Nov 14 at 16:08

Only the first element in a vector given to if() will be evaluated and used. Please post code with test cases. – DWin 2 days ago

# Example:

▲  
25  
▼

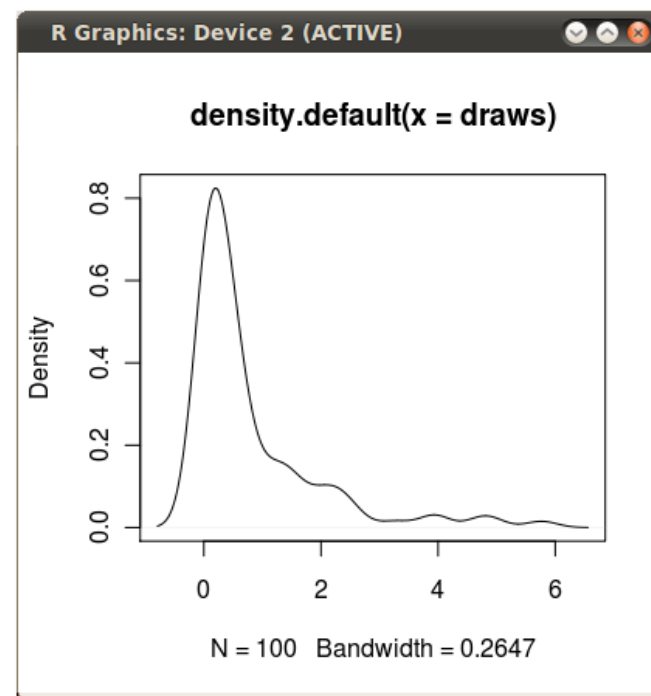
☆  
9



I frequently use kernel density plots to illustrate distributions. These are easy and fast to create in R like so:

```
set.seed(1)
draws <- rnorm(100)^2
dens <- density(draws)
plot(dens)
#or in one line like this: plot(density(rnorm(100)^2))
```

Which gives me this nice little PDF:



I'd like to shade the area under the PDF from the 75th to 95th percentiles. It's easy to calculate the points using the `quantile` function:

```
q75 <- quantile(draws, .75)
q95 <- quantile(draws, .95)
```

But how do I shade the the area between `q75` and `q95` ?

[r](#) [plot](#) [density](#)

[link](#) | [edit](#) | [close](#) | [delete](#) | [flag](#)

asked Aug 16 '10 at 15:23



JD Long

10.3k ● 2 ● 25 ● 79

91% accept rate



# Data:

## Build synthetic:

```
myData <- data.frame(  
  y = sample(c("yes", "no"), 10, replace = TRUE),  
  z = rnorm(10)  
)
```

## Text Connection:

```
zz <- textConnection("Sepal.Length Sepal.Width Petal.Length  
Petal.Width Species  
1          5.1          3.5          1.4          0.2 setosa  
2          4.9          3.0          1.4          0.2 setosa  
3          4.7          3.2          1.3          0.2 setosa  
4          4.6          3.1          1.5          0.2 setosa  
5          5.0          3.6          1.4          0.2 setosa  
6          5.4          3.9          1.7          0.4 setosa  
")  
Data <- read.table(zz, header = TRUE)  
close(zz)
```

# Data Cont:

## dput:

```
dput(head(iris,4))  
myData <- structure(list(Sepal.Length = c(5.1, 4.9, 4.7, 4.6),  
  Sepal.Width = c(3.5, 3, 3.2, 3.1), Petal.Length = c(1.4, 1.4, 1.3, 1.5),  
  Petal.Width = c(0.2, 0.2, 0.2, 0.2), Species = structure(c(1L, 1L, 1L,  
  1L), .Label = c("setosa", "versicolor", "virginica"), class =  
  "factor")), .Names = c("Sepal.Length", "Sepal.Width", "Petal.Length",  
  "Petal.Width", "Species"), row.names = c(NA, 4L), class = "data.frame")
```

## Online:

```
write.csv(file="~/Downloads/d.csv", d)  
read.csv("http://pastebin.com/raw.php?i=rST2jT46")
```



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```
1. ""Sepal.Length","Sepal.Width","Petal.Length","Petal.Width","Species"
2. "1",5.1,3.5,1.4,0.2,"setosa"
3. "2",4.9,3,1.4,0.2,"setosa"
4. "3",4.7,3.2,1.3,0.2,"setosa"
5. "4",4.6,3.1,1.5,0.2,"setosa"
6.
7.
```

RAW Paste Data

CREATE NEW PASTE | CREATE NEW VERSION OF THIS PASTE

```
""Sepal.Length","Sepal.Width","Petal.Length","Petal.Width","Species"
"1",5.1,3.5,1.4,0.2,"setosa"
"2",4.9,3,1.4,0.2,"setosa"
"3",4.7,3.2,1.3,0.2,"setosa"
"4",4.6,3.1,1.5,0.2,"setosa"
```