

RSudio

File Edit Code View Plots Session Build Debug Profile Tools Help

Untitled1.R

Source on Save

Go to File/Function

Run

Source

```
52 library(dplyr)
53 library(ggplot2)
54 library(choropleth)
55 library(choroplethMaps)
56 library(openintro)
57 library(fifystater)
58 library(colorplanner)
59
60 library(dplyr)
61 library(ggplot2)
62 library(choropleth)
63 library(choroplethMaps)
64 library(openintro)
65 library(fifystater)
66 library(colorplanner)
67
68
69 vehicle <- read_csv('https://raw.githubusercontent.com/bkrai/r-files-from-youtube/main/vehicle.csv')
70 car <- as.data.frame(vehicle)
71 car
72
73
```

Console

Terminal

Background Jobs

Workspace loaded from ~/.RData

```
> library(dplyr)
Error in library(dplyr) : there is no package called 'dplyr'
> library(colorplanner)
Error in library(colorplanner) : there is no package called 'colorplanner'
> library(colorplanner)
Error in library(colorplanner) : there is no package called 'colorplanner'
> library(fifystater)
Error in library(fifystater) : there is no package called 'fifystater'
> new$region <- tolower(new$region)
Error in new$region : object of type 'closure' is not subsettingable
```

Environment

History

Connections

Tutorial

Global Environment

Import Dataset

61 MB

Values

	Values
age	40
name	"John Doe"
num1	5
num2	10
text	"awes one"
text1	"R 15"
text2	"awes one"
var1	"Orange"
var2	"Orange"

Files Plots Packages Help Viewer Presentation

15:12

ENG

10-02-2025

File Edit Code View Plots Session Build Debug Profile Tools Help

Run | Go to File/Function | Source | Addins

68 vehicle <- read.csv("https://raw.githubusercontent.com/bkrai/R-files-from-Youtube/main/vehicle.csv")
69 car <- as.data.frame(vehicle)
70
71 car
72
73 car %>%
74 filter(State=="CA" | State=="TX" | State=="FL")
75
76 car %>%
77 filter(State=="CA", -->)
78
79
80
81 car %>%
82 filter(State=="CA" | State=="TX" | State=="FL") %>%
83 arrange(desc(mileage))
84
85
86 car %>%
87 summarise(Avg_1c = mean(1c),
88 sd_1c = sd(1c),
89
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Environment History Connections Tutorial
R | Global Environment
Values
age 40
name "John Doe"
num1 5
num2 10
text "awes one"
text1 "R 15"
text2 "awes one"
var1 "Orange"
var2 "Orange"

Files Plots Packages Help Viewer Presentation
Zoom Export

R 4.4.2
help>library() for all more or user interface to help.
Type 'q()' to quit R.
[workspace loaded from ~/.RData]
> library(dplyr)
Error in library(dplyr) : there is no package called 'dplyr'
> library(colorplaner)
Error in library(colorplaner) : there is no package called 'colorplaner'
> library(colorplaner)
Error in library(colorplaner) : there is no package called 'colorplaner'
> library(fiftystater)
Error in library(fiftystater) : there is no package called 'fiftystater'
> newRegion <- tolower(newRegion)
Error in newRegion : object of type 'closure' is not subsettingable

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ENG
10-02-2025

File Edit Code View Plots Session Build Debug Profile Tools Help

Untitled2.R
Source on Save
Go to File/Function
Addins

Run
Source

```
107 car %>%  
108   group_by(State) %>%  
109   mutate(cph = sum(C)/sum(H)) %>%  
110   summarise(Avg_cph = ---,  
111             Avg_mileage = ---) %>%  
112   arrange(desc(Avg_cph))  
113  
114  
115 car %>%  
116   filter(state=='CA' | state == 'TX' | State=='FL') %>%  
117   ggplot(aes(x=lc, fill = ---)) +  
118   geom_histogram(alpha=0.8, color='darkblue') +  
119   ggtitle('Labor cost in Top 3 states') +  
120   facet_wrap(~State)  
121  
122  
123 car %>%  
124   filter(State=='CA' | State == 'TX' | State=='FL') %>%  
125   ggplot(aes(x=lc, fill = State)) +  
126   ---(alpha=0.5, color='darkblue') +  
127   ggtitle('Labor cost in Top 3 states')  
128
```

Terminal
Background Jobs

R 4.4.2
help, press Ctrl-D to quit R.
Type 'q()' to quit R.
[workspace loaded from ~/.RData]
> library(dplyr)
Error in library(dplyr) : there is no package called 'dplyr'
> library(colorplaner)
Error in library(colorplaner) : there is no package called 'colorplaner'
> library(colorplaner)
Error in library(colorplaner) : there is no package called 'colorplaner'
> library(fiftystater)
Error in library(fiftystater) : there is no package called 'fiftystater'
> new\$region <- tolower(new\$region)
Error in new\$region : object of type 'closure' is not subetable

Environment History Connections Tutorial

R Global Environment

Values

age	40
name	"John Doe"
num1	5
num2	10
text	"awes one"
text1	"R 15"
text2	"awes one"
var1	"Orange"
var2	"Orange"

Files Plots Packages Help Viewer Presentation

Zoom Export

15:13
10-02-2025

File Edit Code View Plots Session Build Debug Profile Tools Help

Untitled1.R x

Source on Save

Run

Source

```
84
85
86 car %>%
87   summarise(Avg_1c = mean(1c),
88             sd_1c = sd(1c),
89             max_1c = max(1c),
90             min_1c = ---,
91             sum_1c = ---,
92             median_1c = ---,
93             total = n())
94
95 car %>%
96   group_by(State) %>%
97   summarise(Avg_1c = mean(1c),
98             sd_1c = sd(1c),
99             max_1c = max(1c),
100             min_1c = ---,
101             sum_1c = ---,
102             median_1c = ---,
103             total = n()) %>%
104   arrange(desc(Avg_1c))
105
106
```

Terminal

Background Jobs

R 4.4.2 ~ /

help>?CVC1: for all time, or user, interact to help.

Type 'q()' to quit R.

[workspace loaded from ~/.RData]

> library(dplyr)
Error in library(dplyr) : there is no package called 'dplyr'
> library(colorplaner)
Error in library(colorplaner) : there is no package called 'colorplaner'
> library(colorplaner)
Error in library(colorplaner) : there is no package called 'colorplaner'
> library(fiftystater)
Error in library(fiftystater) : there is no package called 'fiftystater'
> new\$region <- tolower(new\$region)
Error in new\$region : object of type 'closure' is not subetable

Environment History Connections Tutorial

R Global Environment

Import Dataset 61 MB

Values

age 40

name "John Doe"

num1 5

num2 10

text "aves one"

text1 "R 15"

text2 "aves one"

var1 "Orange"

var2 "Orange"

Files Plots Packages Help Viewer Presentation

Zoom Export

Project (None)

15:13

10-02-2025

RStudio

File Edit Code View Plots Session Build Debug Profile Tools Help

Untitled2.R

```
127 ggplot(Latour, cost ~ fit_top_3_states)
128
129
130 car %>%
131   filter(state=='CA' | state == 'TX' | state=='FL') %>%
132   ggplot(aes(x=1h, y = 1c, col=state, size=mc)) +
133     geom_point(alpha=0.5, color='darkblue') +
134     geom_smooth(se=0) +
135     facet_wrap(~)
136
137 new <- car %>%
138   group_by(state) %>%
139   mutate(cph = ---) %>%
140   summarise(Avg_cph = mean(cph),
141             Avg_mileage = mean(mileage)) %>%
142   arrange(desc(Avg_cph))
143
144 ggplot(new, aes(x=State, y = Avg_cph, fill = state)) +
145   geom_col() +
146   coord_flip() +
147   ggtitle('Cost per hour in 50 states')
148
149
```

Terminal

```
R 4.4.2 ~ /
help.start() for an interactive window to help.
Type 'q()' to quit R.

[workspace loaded from ~/.RData]

> library(dplyr)
Error in library(dplyr) : there is no package called 'dplyr'
> library(colorplaner)
Error in library(colorplaner) : there is no package called 'colorplaner'
> library(colorplaner)
Error in library(colorplaner) : there is no package called 'colorplaner'
> library(fiftystater)
Error in library(fiftystater) : there is no package called 'fiftystater'
> new$region <- tolower(new$region)
Error in new$region : object of type 'closure' is not subsettingable
```

Environment History Connections Tutorial

R Global Environment

Values

age	40
name	"John Doe"
num1	5
num2	10
text	"aves one"
text1	"R 15"
text2	"aves one"
var1	"Orange"
var2	"Orange"

Files Plots Packages Help Viewer Presentation

Project (None)

15:13 10-02-2025

RStudio

File Edit Code View Plots Session Build Debug Profile Tools Help

Untitled1.R

```
147 ggplot(aes(x = new$state, y = new$state)) +
148   geom_boxplot()
149
150 group_by(State) %>%
151   filter(n() > 40) %>%
152   ggplot(aes(x = State, y = new$state, col = State)) +
153     geom_boxplot()
154
155 new <- car %>%
156   group_by(State) %>%
157   summarise(total = n(),
158             Avg_mileage = mean(mileage))
159
160 colnames(new) <- c("region", "value", "mileage")
161
162 new$region <- abbr2state(new$region)
163 new$region <- tolower(new$region)
164 new <- new[-1,]
165
166 state_choropleth(new,
167                  title = "Car Failures in US",
168                  legend = "Number of Failures")
169
```

Terminal

```
R 0442 ~/?
new$region <- tolower(new$region)
Type 'q()' to quit R.

[workspace loaded from ~/.RData]
```

```
> library(dplyr)
Error in library(dplyr) : there is no package called 'dplyr'
> library(colorplaner)
Error in library(colorplaner) : there is no package called 'colorplaner'
> library(colorplaner)
Error in library(colorplaner) : there is no package called 'colorplaner'
> library(fiftystater)
Error in library(fiftystater) : there is no package called 'fiftystater'
> new$region <- tolower(new$region)
Error in new$region : object of type 'closure' is not subetable
```

Environment

Global Environment

name	value
age	40
name	"John Doe"
num1	5
num2	10
text	"awes one"
text1	"R 15"
text2	"awes one"
var1	"Orange"
var2	"Orange"

Files Plots Packages Help Viewer Presentation

Project (None)

15:13 10-02-2025

[illegible]

RSudio

File Edit Code View Plots Session Build Debug Profile Tools Help

Untitled1
Source on Save
Run
Go to file/function
Addins

```
1 x <- 1:10
2 plot(x)
3 #2. Scatterplot of two vectors x and y
4 set.seed(13)
5 x <- -30:30
6 y <- 3 * x + 2 + rnorm(length(x), sd = 20)
7 plot(x, y)
8 par(mfrow = c(2, 1))
9 plot(airquality$Ozone, airquality$Temp, main = "airquality$Ozone,airquality$Temp")
10 attach(airquality)
11 plot(Ozone, Temp, main = "plot(Ozone, Temp)")
12 detach(airquality)
13
```

Console
Terminal
Background Jobs

```
R> R442 - ./ ?
Day, Month, Ozone, Solar.R, Temp, Wind
> plot(Ozone, Temp, main = "plot(Ozone, Temp)")
> par(mfrow = c(2, 1))
> attach(airquality)
The following objects are masked from airquality (pos = 3):
  Day, Month, Ozone, Solar.R, Temp, Wind
The following objects are masked from airquality (pos = 4):
  Day, Month, Ozone, Solar.R, Temp, Wind
> plot(airquality$Ozone, airquality$Temp, main = "airquality$Ozone,airquality$Temp")
>
```

Environment
History
Connections
Tutorial

R - Global Environment

Values

age	40
name	"John Doe"
num1	5
num2	10
text	"awes one"
text1	"R 15"
text2	"awes one"
var1	"orange"
var2	"orange"

Files
Plots
Packages
Help
Viewer
Presentation

airquality\$Temp

airquality\$Ozone

Trending videos
Delicious Food C...

Windows taskbar with icons for File Explorer, Edge, and other applications.

20:37
ENG
IN
12-02-2025

File Edit Code View Plots Session Build Debug Profile Tools Help

Run | Source | Run and Debug | Addins

airquality\$Temp

1 airquality\$Temp
2 ozone solar.wind temp month day
3 1 41 190 7.4 67 5 1
4 2 36 118 8.0 72 5 2
5 plot(airquality)
6 par(mfrow = c(2, 1))
7 plot(airquality\$ozone, airquality\$temp, main = "airquality\$ozone,airquality\$temp")
8 attach(airquality)
9 plot(ozone, temp, main = "plot(ozone, temp)")
10 detach(airquality)
11

Console

Warning: unexpected string constant in 'field' gpar
> filter(state=='CA' | state=='TX' | state=='FL') %>%
+ ggplot(aes(x=lc, fill = ---)) +
Error: unexpected ']' in:
" filter(state=='CA' | state=='TX' | state=='FL') %>%
ggplot(aes(x=lc, fill = ---))"
> p + aes(fill2 = ---) + scale_fill_colorplane() +
Error: unexpected ']' in "p + aes(fill2 = ---)"
> detach(airquality) ; invalid 'name' argument
Error in detach(airquality) : plot(ozone, temp)"
Error: object 'ozone' not found
> attach(airquality)
> plot(airquality\$ozone, airquality\$temp, main = "airquality\$ozone,airquality\$temp")
>

Environment History Connections Tutorial

R | Global Environment

Values

age 40
name "John Doe"
num1 5
num2 10
text "awes one"
text1 "R 15"
text2 "awes one"
var1 "Orange"
var2

Files Plots Packages Help Viewer Presentation

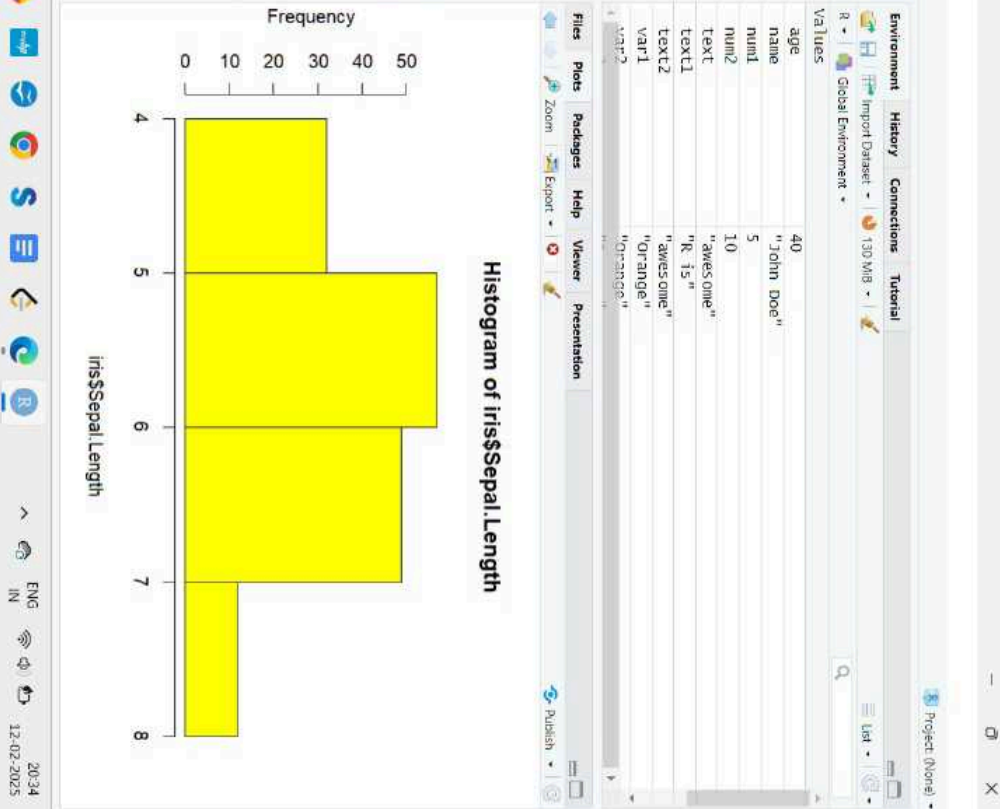
Zoom Export

airquality\$ozone,airquality\$temp

Upcoming Earnings

20:36
ENG IN
12-02-2025

```
RStudio
File Edit Code View Plots Session Build Debug Profile Tools Help
Source on Save | Untitled1 | Untitled2 | Untitled3
60 select(Sepal.Length, sepal_width) %>%
61 plot(col=factor(iris$species))
62 iris %>%
63 plot()
64 hist(iris$Sepal.Length)
65 hist(iris$Sepal.Length, breaks=5, col="yellow")
66 par(mfrow=c(1,2))
67 uspop
68 plot(uspop)
69 abline(v=1932)
70 text(1932, 10, "1930")
71 abline(v=1943)
72 text(1943, 10, "1943")
73 uspop
74 plot(uspop)
75 abline(v=1932)
76 text(1932, 10, "1930")
77 abline(v=1943)
78 text(1943, 10, "1943")
79 #over/1043 in "1043")
80 plot
81 (top level)
R Console
R 4.4.2 ~ /
Terminal Background Jobs
R is a collaborative project with many contributors.
Type 'contributors()' for more information and
'Citation()' on how to cite R or R packages in publications.
Type 'demo()' for some demos, 'help()' for on-line help, or
'help.start()' for an HTML browser interface to help.
Type 'q()' to quit R.
[workspace loaded from ~/.RData]
> detach(airquality)
Error in detach(airquality) : invalid 'name' argument
> hist(iris$Sepal.Length, breaks=4, col="red")
> hist(iris$Sepal.Length, breaks=5, col="yellow")
>
```



Rsudio

File Edit Code View Plots Session Build Debug Profile Tools Help

Untitled1 x
x<-10
2
3
4 cat(x)
5 install.packages("compositions")
6 require("compositions")
7 library(datasets)
8
9 iris
10
11 hist(iris\$Sepal.Length)
12
13 hist(iris\$Sepal.Length, breaks=4, col="red")
14 barplot(iris\$Sepal.Length)
15 plot(iris)
16 barplot(iris\$Sepal.Length)
17 barplot(iris\$Sepal.Length, col = factor(iris\$Sepal.Length))
18
19 install.packages("rio")
20 install.packages("tidyverse")
21 require(rio)
22 require(tidyverse)

Run
Source

Environment History Connections Tutorial

R Global Environment

Values

age	40
name	"John Doe"
num1	5
num2	10
text	"awes one"
text1	"R 15"
text2	"awes one"
var1	"Orange"
var2	"Orange"

Files Plots Packages Help Viewer Presentation

Zoom Export

Push

Console

R 4.4.2
R is a collaborative project with many contributors.
Type 'contributors()' for more information and
'citation()' on how to cite R or R packages in publications.

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.

[workspace loaded from ~/.RData]

> detach(airquality)
Error in detach(airquality) : invalid 'name' argument
> hist(iris\$Sepal.Length, breaks=4, col="red")
>

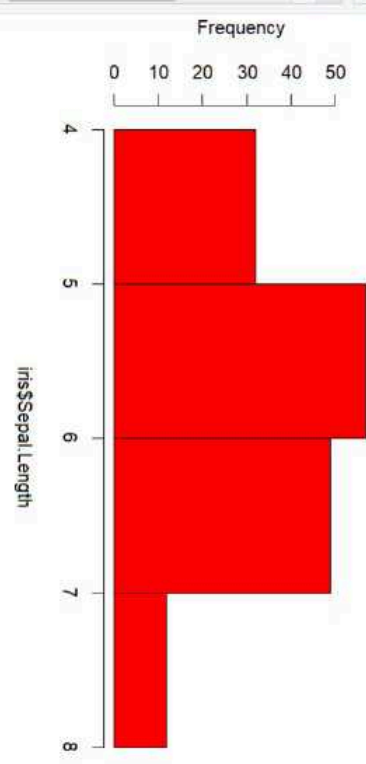
Frequency

0 10 20 30 40 50

4 5 6 7 8

iris\$Sepal.Length

Histogram of iris\$Sepal.Length



Bin Range	Frequency
4.3 - 5.3	35
5.3 - 6.3	45
6.3 - 7.3	35
7.3 - 8.3	10

ENG

20:33

12-02-2025