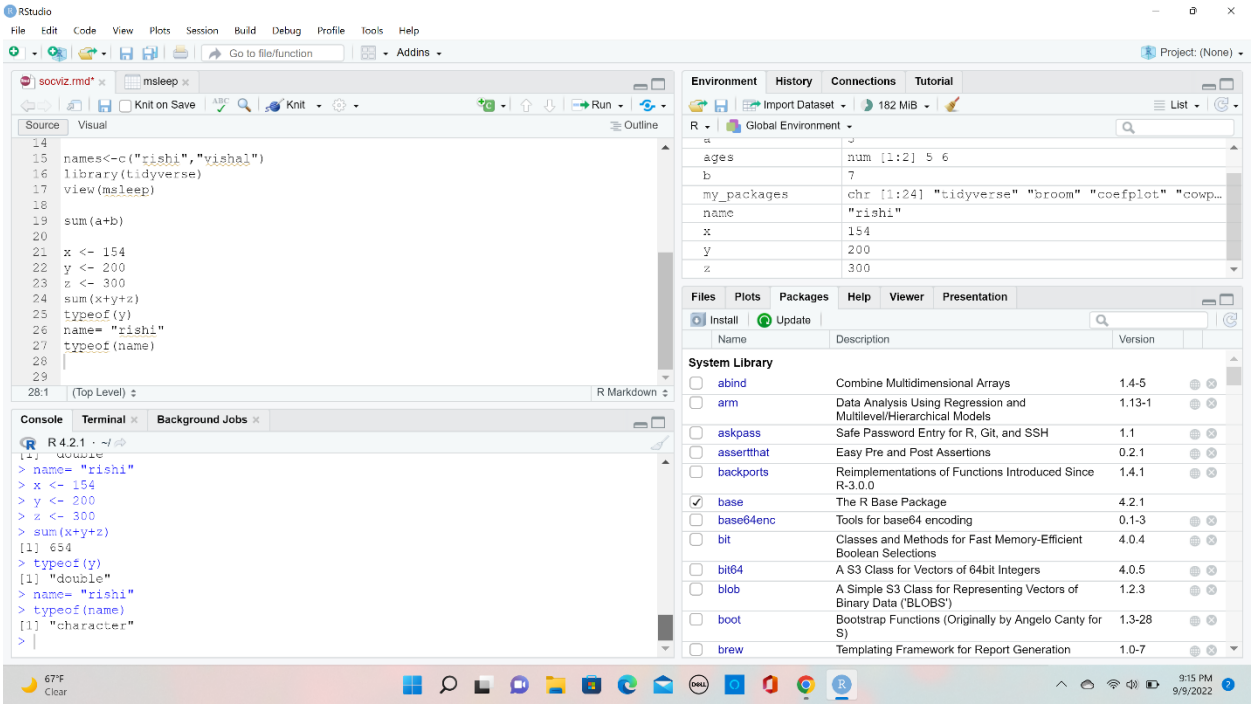
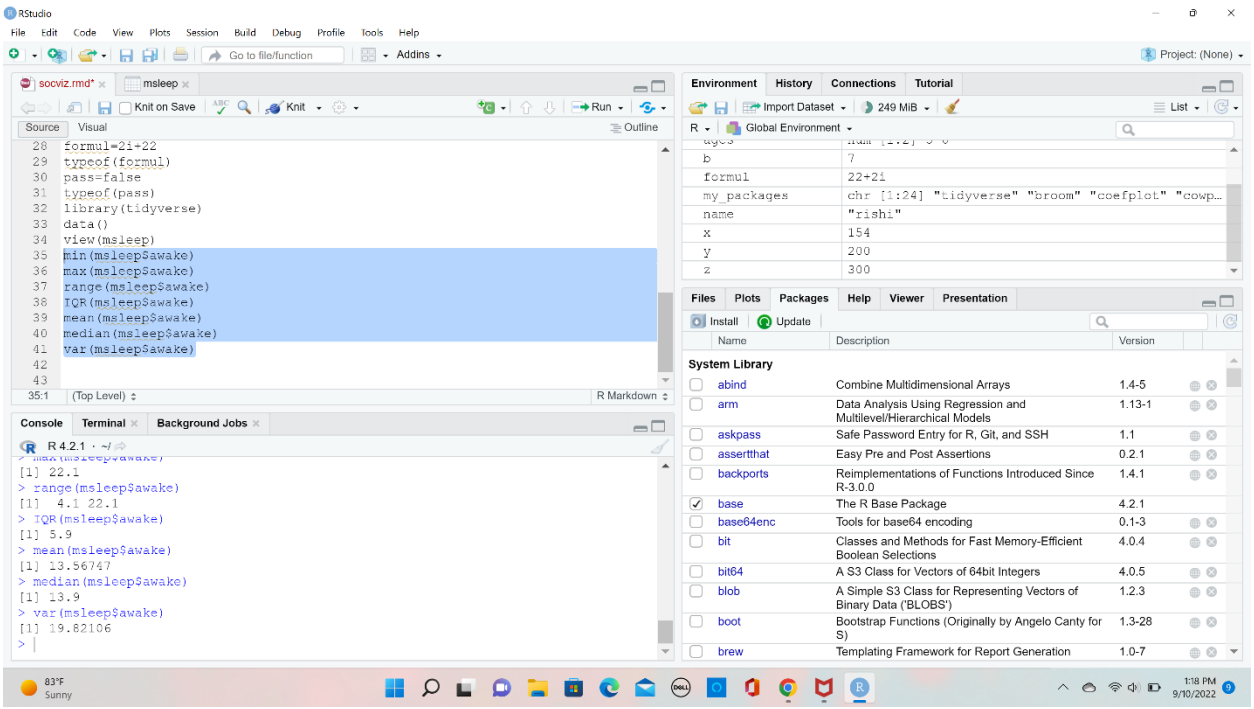
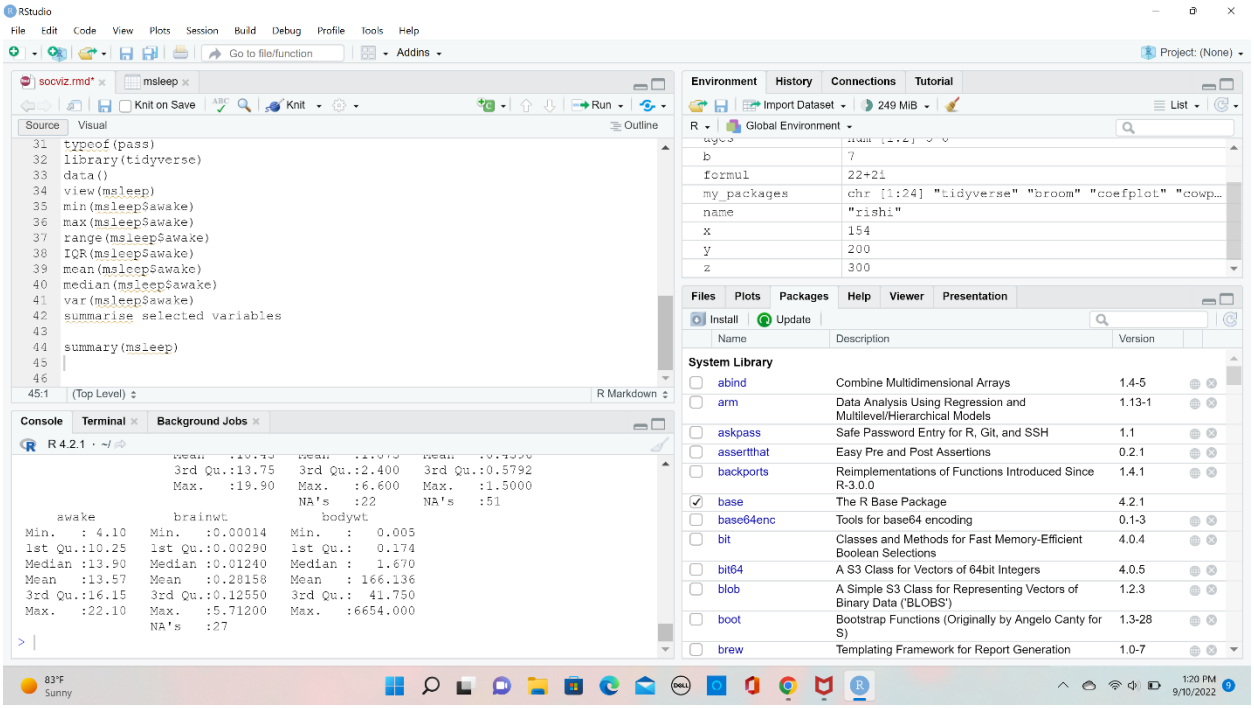
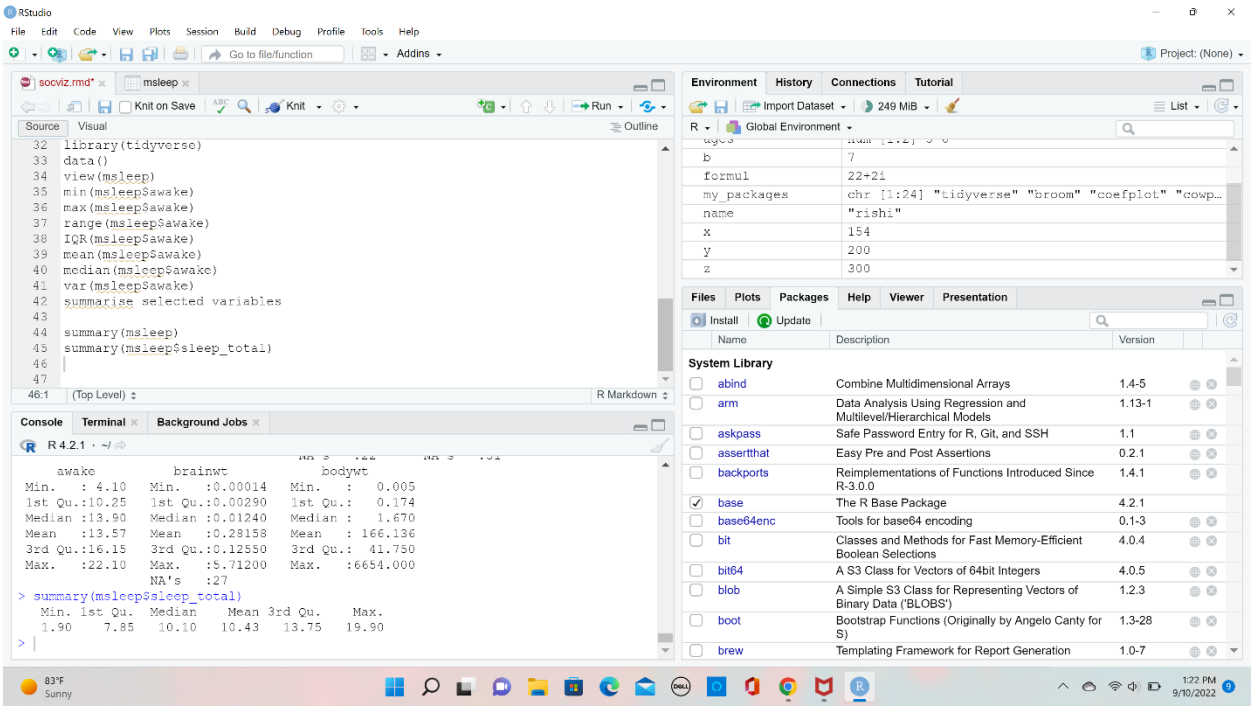
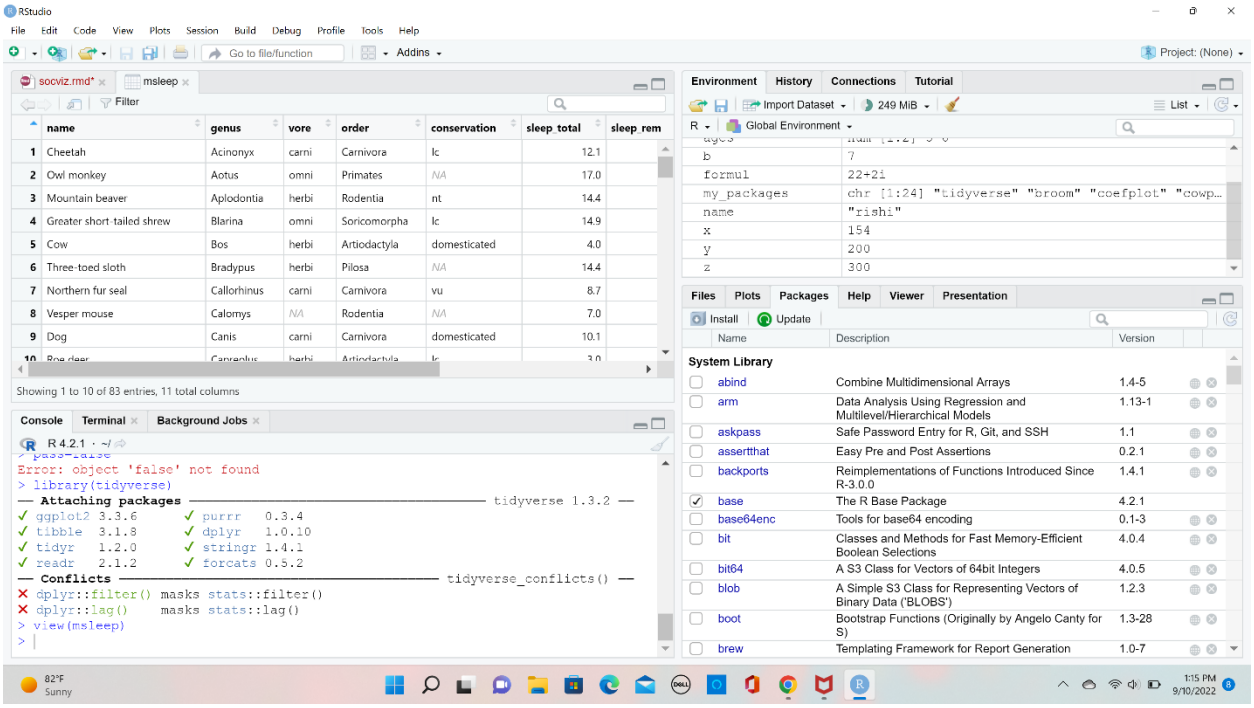
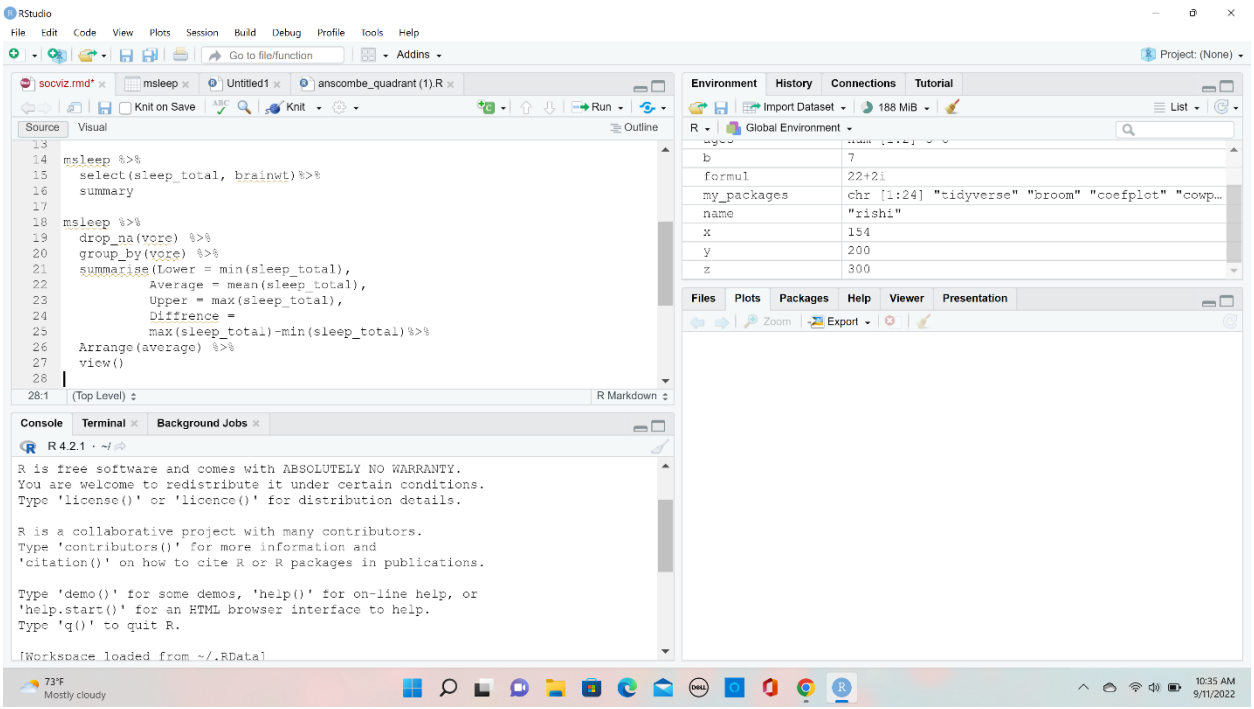

RStudio
File Edit Code View Plots Session Build Debug Profile Tools Help
socviz.rmd* msleep
Knit on Save Knit Run
Source Visual Outline
14
15 names<-c("rishi","vishal")
16 library(tidyverse)
17 view(msleep)
18
19 sum(a+b)
20
21 x <- 154
22 y <- 200
23 z <- 300
24 sum(x+y+z)
25 typeof(y)
26 name= "rishi"
27 typeof(name)
28
29
28:1 (Top Level) R Markdown
Console Terminal Background Jobs
R 4.2.1 · ~/
> name= "rishi"
> x <- 154
> y <- 200
> z <- 300
> sum(x+y+z)
[1] 654
> typeof(y)
[1] "double"
> name= "rishi"
> typeof(name)
[1] "character"
>
Environment History Connections Tutorial
Import Dataset 182 MiB List
R Global Environment
ages num [1:2] 5 6
b 7
my_packages chr [1:24] "tidyverse" "broom" "coefplot" "cowp...
name "rishi"
x 154
y 200
z 300
Files Plots Packages Help Viewer Presentation
Install Update
Name Description Version
System Library
abind Combine Multidimensional Arrays 1.4-5
arm Data Analysis Using Regression and Multilevel/Hierarchical Models 1.13-1
askpass Safe Password Entry for R, Git, and SSH 1.1
assertthat Easy Pre and Post Assertions 0.2.1
backports Reimplementations of Functions Introduced Since R-3.0.0 1.4.1
base The R Base Package 4.2.1
base64enc Tools for base64 encoding 0.1-3
bit Classes and Methods for Fast Memory-Efficient Boolean Selections 4.0.4
bit64 A S3 Class for Vectors of 64bit Integers 4.0.5
blob A Simple S3 Class for Representing Vectors of Binary Data ('BLOBS') 1.2.3
boot Bootstrap Functions (Originally by Angelo Canty for S) 1.3-28
brew Templating Framework for Report Generation 1.0-7
67°F Clear
9:15 PM 9/9/2022

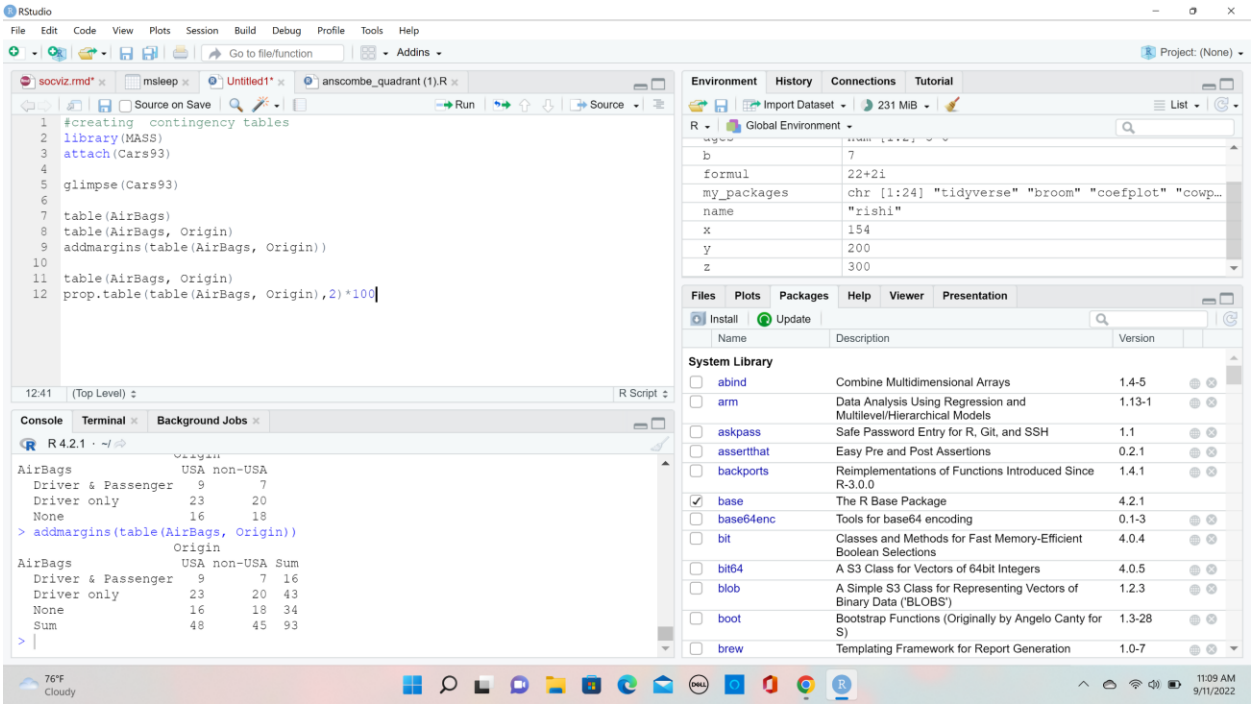

RStudio
File Edit Code View Plots Session Build Debug Profile Tools Help
socviz.rmd* msleep
Knit on Save Knit Run
Source Visual Outline
28 formul=2i+22
29 typeof(formul)
30 pass=false
31 typeof(pass)
32 library(tidyverse)
33 data()
34 view(msleep)
35 min(msleep$awake)
36 max(msleep$awake)
37 range(msleep$awake)
38 IQR(msleep$awake)
39 mean(msleep$awake)
40 median(msleep$awake)
41 var(msleep$awake)
42
43
35:1 (Top Level) R Markdown
Console Terminal Background Jobs
R 4.2.1 · ~/
[1] 22.1
> range(msleep$awake)
[1] 4.1 22.1
> IQR(msleep$awake)
[1] 5.9
> mean(msleep$awake)
[1] 13.56747
> median(msleep$awake)
[1] 13.9
> var(msleep$awake)
[1] 19.82106
>
Environment History Connections Tutorial
Import Dataset 249 MiB List
R Global Environment
b 7
formul 22+2i
my_packages chr [1:24] "tidyverse" "broom" "coefplot" "cowp...
name "rishi"
x 154
y 200
z 300
Files Plots Packages Help Viewer Presentation
Install Update
Name Description Version
System Library
abind Combine Multidimensional Arrays 1.4-5
arm Data Analysis Using Regression and Multilevel/Hierarchical Models 1.13-1
askpass Safe Password Entry for R, Git, and SSH 1.1
assertthat Easy Pre and Post Assertions 0.2.1
backports Reimplementations of Functions Introduced Since R-3.0.0 1.4.1
base The R Base Package 4.2.1
base64enc Tools for base64 encoding 0.1-3
bit Classes and Methods for Fast Memory-Efficient Boolean Selections 4.0.4
bit64 A S3 Class for Vectors of 64bit Integers 4.0.5
blob A Simple S3 Class for Representing Vectors of Binary Data ('BLOBS') 1.2.3
boot Bootstrap Functions (Originally by Angelo Canty for S) 1.3-28
brew Templating Framework for Report Generation 1.0-7
83°F Sunny
1:18 PM 9/10/2022

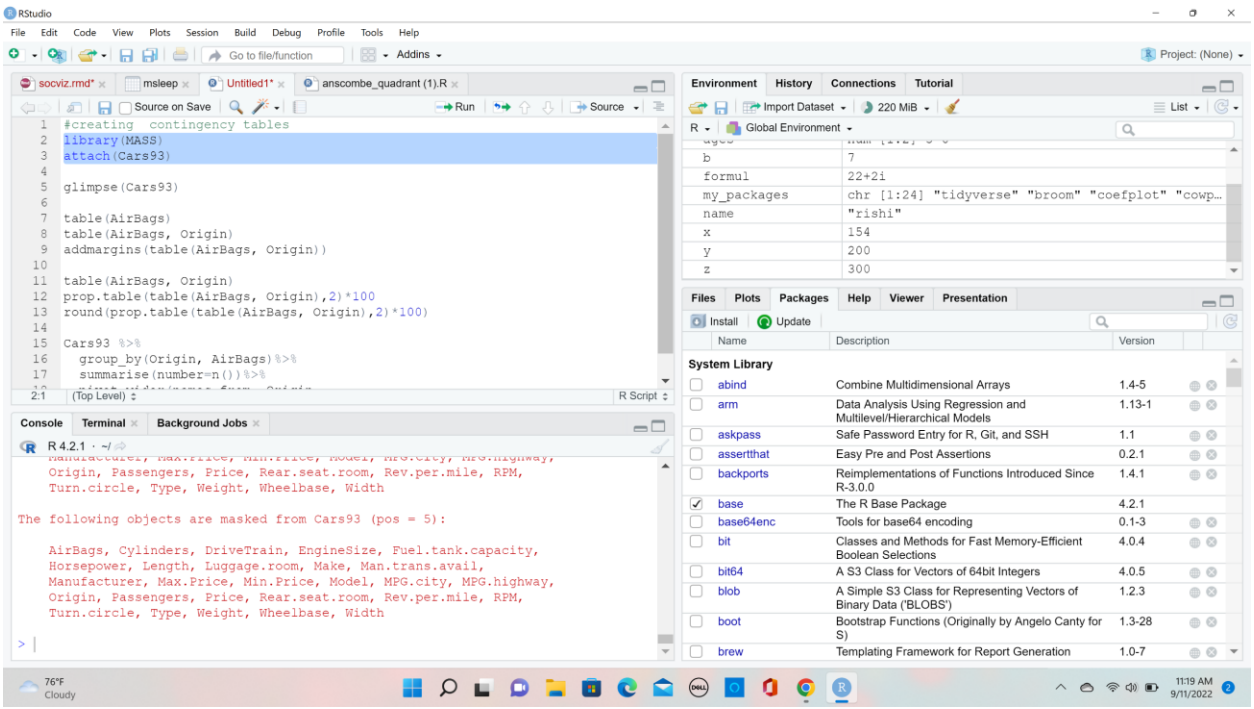

RStudio
File Edit Code View Plots Session Build Debug Profile Tools Help
Go to file/function
Addins
Project: (None)
socviz.rmd*
msleep
Knit on Save
Knit
Run
Source Visual
Outline
typeof(pass)
library(tidyverse)
data()
view(msleep)
min(msleep$awake)
max(msleep$awake)
range(msleep$awake)
IQR(msleep$awake)
mean(msleep$awake)
median(msleep$awake)
var(msleep$awake)
summarise selected variables
summary(msleep)
45:1 (Top Level)
R Markdown
Console Terminal Background Jobs
R 4.2.1 · ~/
3rd Qu.:13.75 3rd Qu.:2.400 3rd Qu.:0.5792
Max. :19.90 Max. :6.600 Max. :1.5000
NA's :22 NA's :51
awake brainwt bodywt
Min. : 4.10 Min. :0.00014 Min. : 0.005
1st Qu.:10.25 1st Qu.:0.00290 1st Qu.: 0.174
Median :13.90 Median :0.01240 Median : 1.670
Mean :13.57 Mean :0.28158 Mean : 166.136
3rd Qu.:16.15 3rd Qu.:0.12550 3rd Qu.: 41.750
Max. :22.10 Max. :5.71200 Max. :6654.000
NA's :27
Environment History Connections Tutorial
Import Dataset
249 MiB
List
R
Global Environment
b 7
formul 22+2i
my_packages chr [1:24] "tidyverse" "broom" "coefplot" "cowp...
name "rishi"
x 154
y 200
z 300
Files Plots Packages Help Viewer Presentation
Install
Update
Name
Description
Version
System Library
abind Combine Multidimensional Arrays 1.4-5
arm Data Analysis Using Regression and Multilevel/Hierarchical Models 1.13-1
askpass Safe Password Entry for R, Git, and SSH 1.1
assertthat Easy Pre and Post Assertions 0.2.1
backports Reimplementations of Functions Introduced Since R-3.0.0 1.4.1
base The R Base Package 4.2.1
base64enc Tools for base64 encoding 0.1-3
bit Classes and Methods for Fast Memory-Efficient Boolean Selections 4.0.4
bit64 A S3 Class for Vectors of 64bit Integers 4.0.5
blob A Simple S3 Class for Representing Vectors of Binary Data ('BLOBS') 1.2.3
boot Bootstrap Functions (Originally by Angelo Canty for S) 1.3-28
brew Templating Framework for Report Generation 1.0-7
83°F Sunny
1:20 PM 9/10/2022

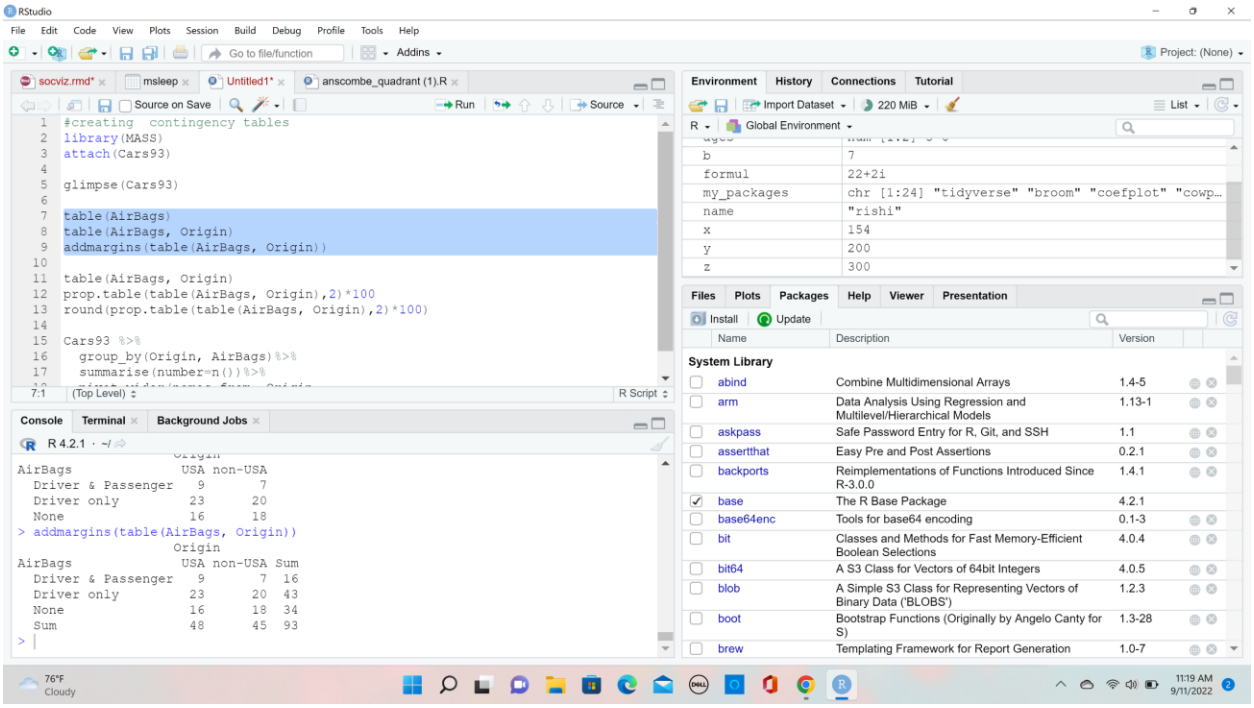

RStudio
File Edit Code View Plots Session Build Debug Profile Tools Help
Go to file/function
Addins
Project: (None)
socviz.rmd*
msleep
Knit on Save
Knit
Run
Source Visual
Outline
library(tidyverse)
data()
view(msleep)
min(msleep$awake)
max(msleep$awake)
range(msleep$awake)
IQR(msleep$awake)
mean(msleep$awake)
median(msleep$awake)
var(msleep$awake)
summarise selected variables
summary(msleep)
summary(msleep$sleep_total)
46:1 (Top Level)
R Markdown
Console Terminal Background Jobs
R 4.2.1 · ~/
awake brainwt bodywt
Min. : 4.10 Min. :0.00014 Min. : 0.005
1st Qu.:10.25 1st Qu.:0.00290 1st Qu.: 0.174
Median :13.90 Median :0.01240 Median : 1.670
Mean :13.57 Mean :0.28158 Mean : 166.136
3rd Qu.:16.15 3rd Qu.:0.12550 3rd Qu.: 41.750
Max. :22.10 Max. :5.71200 Max. :6654.000
NA's :27
> summary(msleep$sleep_total)
Min. 1st Qu. Median Mean 3rd Qu. Max.
1.90 7.85 10.10 10.43 13.75 19.90
Environment History Connections Tutorial
Import Dataset
249 MiB
List
R
Global Environment
b 7
formul 22+2i
my_packages chr [1:24] "tidyverse" "broom" "coefplot" "cowp...
name "rishi"
x 154
y 200
z 300
Files Plots Packages Help Viewer Presentation
Install
Update
Name
Description
Version
System Library
abind Combine Multidimensional Arrays 1.4-5
arm Data Analysis Using Regression and Multilevel/Hierarchical Models 1.13-1
askpass Safe Password Entry for R, Git, and SSH 1.1
assertthat Easy Pre and Post Assertions 0.2.1
backports Reimplementations of Functions Introduced Since R-3.0.0 1.4.1
base The R Base Package 4.2.1
base64enc Tools for base64 encoding 0.1-3
bit Classes and Methods for Fast Memory-Efficient Boolean Selections 4.0.4
bit64 A S3 Class for Vectors of 64bit Integers 4.0.5
blob A Simple S3 Class for Representing Vectors of Binary Data ('BLOBS') 1.2.3
boot Bootstrap Functions (Originally by Angelo Canty for S) 1.3-28
brew Templating Framework for Report Generation 1.0-7
83°F Sunny
1:22 PM 9/10/2022

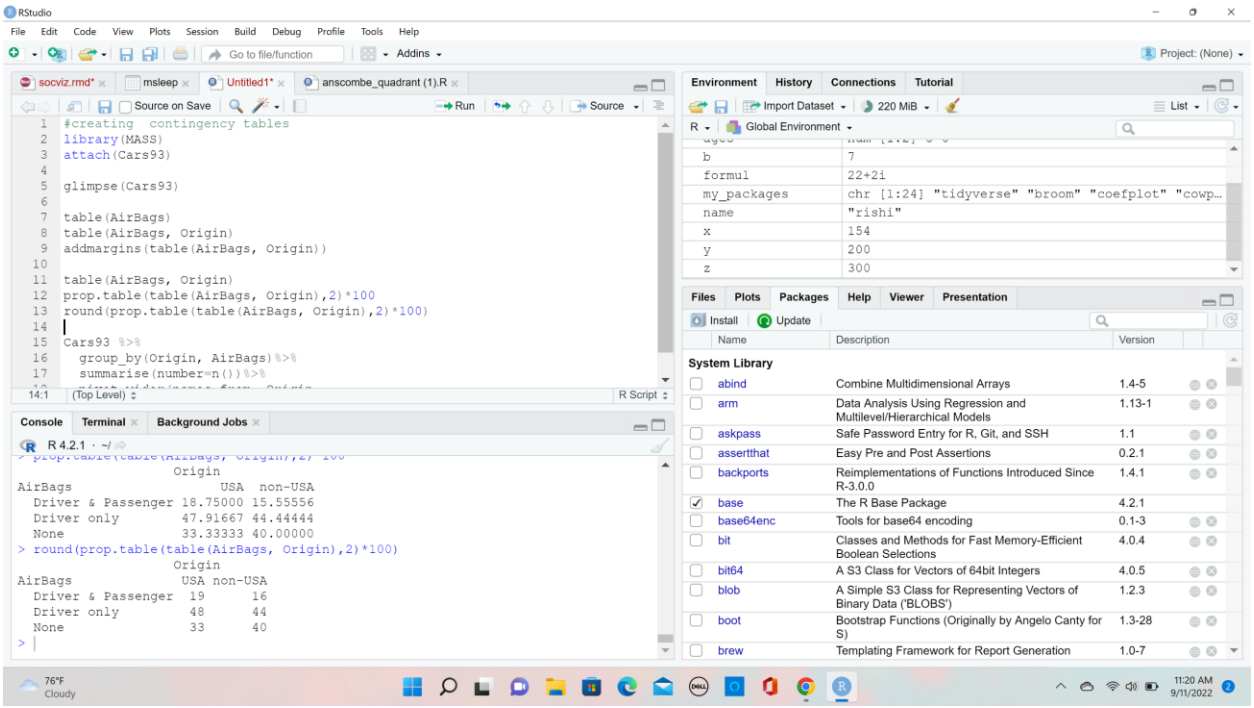

RStudio
File Edit Code View Plots Session Build Debug Profile Tools Help
Go to file/function
Addins
Project: (None)
socviz.rmd*
msleep
Filter
name genus vore order conservation sleep_total sleep_rem
1 Cheetah Acinonyx carni Carnivora lc 12.1
2 Owl monkey Aotus omni Primates NA 17.0
3 Mountain beaver Aplodontia herbi Rodentia nt 14.4
4 Greater short-tailed shrew Blarina omni Soricomorpha lc 14.9
5 Cow Bos herbi Artiodactyla domesticated 4.0
6 Three-toed sloth Bradypus herbi Pilosa NA 14.4
7 Northern fur seal Callorhinus carni Carnivora vu 8.7
8 Vesper mouse Calomys NA Rodentia NA 7.0
9 Dog Canis carni Carnivora domesticated 10.1
Showing 1 to 10 of 83 entries, 11 total columns
Console Terminal Background Jobs
R 4.2.1 · ~/
Error: object 'false' not found
> library(tidyverse)
Attaching packages tidyverse 1.3.2
ggplot2 3.3.6 purrr 0.3.4
tibble 3.1.8 dplyr 1.0.10
tidyr 1.2.0 stringr 1.4.1
readr 2.1.2 forcats 0.5.2
Conflicts tidyverse_conflicts()
dplyr::filter() masks stats::filter()
dplyr::lag() masks stats::lag()
> view(msleep)
Environment History Connections Tutorial
Import Dataset 249 MiB
List
R Global Environment
b 7
formul 22+2i
my_packages chr [1:24] "tidyverse" "broom" "coefplot" "cowp...
name "rishi"
x 154
y 200
z 300
Files Plots Packages Help Viewer Presentation
Install Update
Name Description Version
System Library
abind Combine Multidimensional Arrays 1.4-5
arm Data Analysis Using Regression and Multilevel/Hierarchical Models 1.13-1
askpass Safe Password Entry for R, Git, and SSH 1.1
assertthat Easy Pre and Post Assertions 0.2.1
backports Reimplementations of Functions Introduced Since R-3.0.0 1.4.1
base The R Base Package 4.2.1
base64enc Tools for base64 encoding 0.1-3
bit Classes and Methods for Fast Memory-Efficient Boolean Selections 4.0.4
bit64 A S3 Class for Vectors of 64bit Integers 4.0.5
blob A Simple S3 Class for Representing Vectors of Binary Data ('BLOBS') 1.2.3
boot Bootstrap Functions (Originally by Angelo Canty for S) 1.3-28
brew Templating Framework for Report Generation 1.0-7
82°F Sunny
1:15 PM 9/10/2022


RStudio
File Edit Code View Plots Session Build Debug Profile Tools Help
Go to file/function
Addins
Project: (None)
socviz.rmd* msleep Untitled1 anscombe_quadrant (1).R
Knit on Save Knit Run
Source Visual
Outline
msleep %>%
select(sleep_total, brainwt)%>%
summary
msleep %>%
drop_na(vore) %>%
group_by(vore) %>%
summarise(Lower = min(sleep_total),
Average = mean(sleep_total),
Upper = max(sleep_total),
Diffrence =
max(sleep_total)-min(sleep_total)%>%
Arrange(average) %>%
view()
28:1 (Top Level) R Markdown
Console Terminal Background Jobs
R 4.2.1 · ~/
R is free software and comes with ABSOLUTELY NO WARRANTY.
You are welcome to redistribute it under certain conditions.
Type 'license()' or 'licence()' for distribution details.
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]
Environment History Connections Tutorial
Import Dataset 188 MiB
List
R Global Environment
b 7
formul 22+2i
my_packages chr [1:24] "tidyverse" "broom" "coefplot" "cowp...
name "rishi"
x 154
y 200
z 300
Files Plots Packages Help Viewer Presentation
Zoom Export
73°F Mostly cloudy
10:35 AM 9/11/2022


RStudio
File Edit Code View Plots Session Build Debug Profile Tools Help
socviz.rmd* msleep Untitled1* anscombe_quadrant (1).R
Source on Save Run Source
#creating contingency tables
library(MASS)
attach(Cars93)
glimpse(Cars93)
table(AirBags)
table(AirBags, Origin)
addmargins(table(AirBags, Origin))
table(AirBags, Origin)
prop.table(table(AirBags, Origin),2)*100
12:41 (Top Level) R Script
Console Terminal Background Jobs
R 4.2.1 · ~/
AirBags USA non-USA
Driver & Passenger 9 7
Driver only 23 20
None 16 18
> addmargins(table(AirBags, Origin))
AirBags USA non-USA Sum
Driver & Passenger 9 7 16
Driver only 23 20 43
None 16 18 34
Sum 48 45 93
Environment History Connections Tutorial
Import Dataset 231 MiB List
R Global Environment
b 7
formul 22+2i
my_packages chr [1:24] "tidyverse" "broom" "coefplot" "cowp...
name "rishi"
x 154
y 200
z 300
Files Plots Packages Help Viewer Presentation
Install Update
Name Description Version
System Library
abind Combine Multidimensional Arrays 1.4-5
arm Data Analysis Using Regression and Multilevel/Hierarchical Models 1.13-1
askpass Safe Password Entry for R, Git, and SSH 1.1
assertthat Easy Pre and Post Assertions 0.2.1
backports Reimplementations of Functions Introduced Since R-3.0.0 1.4.1
base The R Base Package 4.2.1
base64enc Tools for base64 encoding 0.1-3
bit Classes and Methods for Fast Memory-Efficient Boolean Selections 4.0.4
bit64 A S3 Class for Vectors of 64bit Integers 4.0.5
blob A Simple S3 Class for Representing Vectors of Binary Data ('BLOBS') 1.2.3
boot Bootstrap Functions (Originally by Angelo Canty for S) 1.3-28
brew Templating Framework for Report Generation 1.0-7
76°F Cloudy
11:09 AM 9/11/2022


RStudio
File Edit Code View Plots Session Build Debug Profile Tools Help
socviz.rmd* msleep Untitled1* anscombe_quadrant (1).R
Source on Save Run Source
#creating contingency tables
library(MASS)
attach(Cars93)
glimpse(Cars93)
table(AirBags)
table(AirBags, Origin)
addmargins(table(AirBags, Origin))
table(AirBags, Origin)
prop.table(table(AirBags, Origin),2)*100
round(prop.table(table(AirBags, Origin),2)*100)
Cars93 %>%
group_by(Origin, AirBags)%>%
summarise(number=n())%>%
2:1 (Top Level) R Script
Console Terminal Background Jobs
R 4.2.1 · ~/
Origin, Passengers, Price, Rear.seat.room, Rev.per.mile, RPM,
Turn.circle, Type, Weight, Wheelbase, Width
The following objects are masked from Cars93 (pos = 5):
AirBags, Cylinders, DriveTrain, EngineSize, Fuel.tank.capacity,
Horsepower, Length, Luggage.room, Make, Man.trans.avail,
Manufacturer, Max.Price, Min.Price, Model, MPG.city, MPG.highway,
Origin, Passengers, Price, Rear.seat.room, Rev.per.mile, RPM,
Turn.circle, Type, Weight, Wheelbase, Width
Environment History Connections Tutorial
Import Dataset 220 MiB List
R Global Environment
b 7
formul 22+2i
my_packages chr [1:24] "tidyverse" "broom" "coefplot" "cowp...
name "rishi"
x 154
y 200
z 300
Files Plots Packages Help Viewer Presentation
Install Update
Name Description Version
System Library
abind Combine Multidimensional Arrays 1.4-5
arm Data Analysis Using Regression and Multilevel/Hierarchical Models 1.13-1
askpass Safe Password Entry for R, Git, and SSH 1.1
assertthat Easy Pre and Post Assertions 0.2.1
backports Reimplementations of Functions Introduced Since R-3.0.0 1.4.1
base The R Base Package 4.2.1
base64enc Tools for base64 encoding 0.1-3
bit Classes and Methods for Fast Memory-Efficient Boolean Selections 4.0.4
bit64 A S3 Class for Vectors of 64bit Integers 4.0.5
blob A Simple S3 Class for Representing Vectors of Binary Data ('BLOBS') 1.2.3
boot Bootstrap Functions (Originally by Angelo Canty for S) 1.3-28
brew Templating Framework for Report Generation 1.0-7
76°F Cloudy
11:19 AM 9/11/2022


RStudio
File Edit Code View Plots Session Build Debug Profile Tools Help
socviz.rmd* msleep Untitled1* anscombe_quadrant (1).R
#creating contingency tables
library(MASS)
attach(Cars93)
glimpse(Cars93)
table(AirBags)
table(AirBags, Origin)
addmargins(table(AirBags, Origin))
table(AirBags, Origin)
prop.table(table(AirBags, Origin),2)*100
round(prop.table(table(AirBags, Origin),2)*100)
Cars93 %>%
group_by(Origin, AirBags)%>%
summarise(number=n())%>%
Console Terminal Background Jobs
R 4.2.1 · ~/
AirBags USA non-USA
Driver & Passenger 9 7
Driver only 23 20
None 16 18
> addmargins(table(AirBags, Origin))
AirBags USA non-USA Sum
Driver & Passenger 9 7 16
Driver only 23 20 43
None 16 18 34
Sum 48 45 93
Environment History Connections Tutorial
Files Plots Packages Help Viewer Presentation
Install Update
System Library
abind Combine Multidimensional Arrays 1.4-5
arm Data Analysis Using Regression and Multilevel/Hierarchical Models 1.13-1
askpass Safe Password Entry for R, Git, and SSH 1.1
assertthat Easy Pre and Post Assertions 0.2.1
backports Reimplementations of Functions Introduced Since R-3.0.0 1.4.1
base The R Base Package 4.2.1
base64enc Tools for base64 encoding 0.1-3
bit Classes and Methods for Fast Memory-Efficient Boolean Selections 4.0.4
bit64 A S3 Class for Vectors of 64bit Integers 4.0.5
blob A Simple S3 Class for Representing Vectors of Binary Data ('BLOBS') 1.2.3
boot Bootstrap Functions (Originally by Angelo Canty for S) 1.3-28
brew Templating Framework for Report Generation 1.0-7
76°F Cloudy
11:19 AM 9/11/2022


RStudio
File Edit Code View Plots Session Build Debug Profile Tools Help
socviz.rmd* msleep Untitled1* anscombe_quadrant (1).R
#creating contingency tables
library(MASS)
attach(Cars93)
glimpse(Cars93)
table(AirBags)
table(AirBags, Origin)
addmargins(table(AirBags, Origin))
table(AirBags, Origin)
prop.table(table(AirBags, Origin),2)*100
round(prop.table(table(AirBags, Origin),2)*100)
Cars93 %>%
group_by(Origin, AirBags)%>%
summarise(number=n())%>%
Console Terminal Background Jobs
R 4.2.1 · ~/
Origin
AirBags USA non-USA
Driver & Passenger 18.75000 15.55556
Driver only 47.91667 44.44444
None 33.33333 40.00000
> round(prop.table(table(AirBags, Origin),2)*100)
Origin
AirBags USA non-USA
Driver & Passenger 19 16
Driver only 48 44
None 33 40
Environment History Connections Tutorial
Files Plots Packages Help Viewer Presentation
Install Update
System Library
abind Combine Multidimensional Arrays 1.4-5
arm Data Analysis Using Regression and Multilevel/Hierarchical Models 1.13-1
askpass Safe Password Entry for R, Git, and SSH 1.1
assertthat Easy Pre and Post Assertions 0.2.1
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bit64 A S3 Class for Vectors of 64bit Integers 4.0.5
blob A Simple S3 Class for Representing Vectors of Binary Data ('BLOBS') 1.2.3
boot Bootstrap Functions (Originally by Angelo Canty for S) 1.3-28
brew Templating Framework for Report Generation 1.0-7
76°F Cloudy
11:20 AM 9/11/2022