

rs.R

9. IQR.R

10. qunatile program.R

11. mid range program using range.R

14. bar graphs.R

15. box pot.R

Source on Save

Run

Source

```
1 names<-c("siri","mahil","chiru")
2 age<-c(23,24,25)
3 marks<-c(88,78,25)
4 df<-data.frame(names,age,marks)
5 print(range(df $age))
6
```

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Go to file/function Addins

rs.R 9. IQR.R 10. qunatile program.R 11. mid range program using range.R 14. bar graphs.R 15. box pot.R

Source on Save Run Source

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5 print(range(df $age))
6
```

1:22 (Top Level) R Script

Console Terminal Background Jobs

R 4.3.1 ~/

```
> source("~/active-rstudio-document")
> source("D:/dwdm files/11. mid range program using range.R")
[1] 23 25
>
```

Environment History Connections Tutorial

Import Dataset 133 MiB Global Environment

Data

df 3 obs. of 3 variables

Values

a	num [1:5]	55 67 89 80 90
age	num [1:3]	23 24 25
marks	num [1:3]	88 78 25
names	chr [1:3]	"siri" "mahi" "chiru"

Files Plots Packages Help Viewer Presentation

Zoom Export

FileEditCodeViewPlotsSessionBuildDebugProfileToolsHelp

11. mid range program using range.R ×14. bar graphs.R ×15. box pot.R ×Untitled1* ×12. z score normalization.R ×

Go to file/functionAddins

Source on SaveRunSource

```
1 a=c(10,20,30,40)
2 mean=mean(a)
3 sd=sd(a)
4 zscore=(a-mean)/sd
5 print(zscore)
6 |
```

6:1(Top Level)R Script

ConsoleTerminalBackground Jobs

```
R 4.3.1 ~ /
> source("D:/dwdm files/12. z score normalization.R")
[1] -1.1618950 -0.3872983 0.3872983 1.1618950
> |
```

EnvironmentHistoryConnectionsTutorial

Import Dataset242 MiB

RGlobal Environment

Values

a	num [1:4]	10	20	30	40
mean		25			
sd		12.9099444873581			
zscore	num [1:4]	-1.162	-0.387	0.387	1.162

FilesPlotsPackagesHelpViewerPresentation

ZoomExport

```
1 a<-c(55,67,89,80,90)
2 barplot(a,hORIZ=FALSE)
3
4
```

R 4.3.1 ~ /

```
> source("~/active-rstudio-document")
Error in eval(ei, envir) : object 'flase' not found
> source("~/active-rstudio-document")
> source("~/active-rstudio-document")
> source("~/active-rstudio-document")
> source("~/active-rstudio-document")
> source("~/active-rstudio-document")
> source("~/active-rstudio-document")
> source("~/active-rstudio-document")
>
```

Environment History Connections Tutorial

R Global Environment

Data

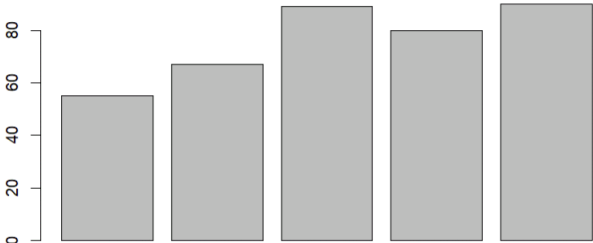
df 3 obs. of 3 variables

Values

a	num	[1:5]	55	67	89	80	90
age	num	[1:3]	23	24	25		
marks	num	[1:3]	88	78	25		
names	chr	[1:3]	"siri"	"mahi"	"chiru"		

Files Plots Packages Help Viewer Presentation

Zoom Export Publish



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Source on Save

Run

Source

```
1 names<-c("siri","chru","loki")
2 age<-c(23,24,25)
3 marks<-c(88,78,25)
4 df<-data.frame(names,age,marks)
5 hist(df$age)
6 boxplot(df$age)
7
```

5:9 (Top Level)

R Script

Console

Terminal

Background Jobs

R 4.3.1 · ~/

> source("~/active-rstudio-document")

> |

Project: (None)

Environment

History

Connections

Tutorial

R · Global Environment

133 MiB

Data

df

3 obs. of 3 variables

Values

a	num [1:5]	55 67 89 80 90
age	num [1:3]	23 24 25
marks	num [1:3]	88 78 25
names	chr [1:3]	"siri" "chru" "loki"

Files

Plots

Packages

Help

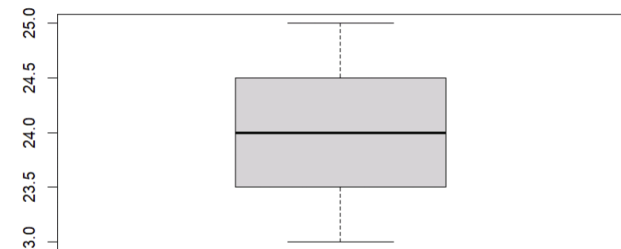
Viewer

Presentation

Zoom

Export

Publish



A boxplot visualization of the 'age' variable from the 'df' data frame. The y-axis represents age values, ranging from 23.0 to 25.0. The boxplot shows a median age of approximately 24.0, with the interquartile range (IQR) spanning from about 23.5 to 24.5. Whiskers extend from the box to the minimum and maximum values, which are 23 and 25, respectively. The box is filled with a light gray color, and the median line is black.

FileEditCodeViewPlotsSessionBuildDebugProfileToolsHelp

11. mid range program using range.R14. bar graphs.R15. box pot.R16. histogram.R12. z score normalization.R

1a=c(55,67,89,80,90)2hist(a)

1:19 (Top Level)R Script

ConsoleTerminalBackground Jobs

R 4.3.1 · ~ /> source("D:/dwdm files/16. histogram.R")>

EnvironmentHistoryConnectionsTutorial

RGlobal Environment

Valuesa num [1:5] 55 67 89 80 90

FilesPlotsPackagesHelpViewerPresentation

ZoomExport

Histogram of a

Frequency

210

5060708090

a

FileEditCodeViewPlotsSessionBuildDebugProfileToolsHelp

hs.R15. box pot.R16. histogram.R12. z score normalization.R13. mean min max minmax.RUntitled1*

1 x=rnorm(1000)
2 y=rnorm(1000)
3 smoothScatter(x,y)

3:18 (Top Level) R Script

ConsoleTerminalBackground Jobs

R 4.3.1 · ~/·
> source("~/active-rstudio-document")
> |

EnvironmentHistoryConnectionsTutorial

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Values

x	num	[1:1000]	-1.15	-0.747	0.832	0.479	0.538	...
y	num	[1:1000]	0.7255	0.0964	-0.5196	0.5794	-1.5619	...

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