

RStudio

File Edit Code View Plots Session Build Debug Profile Tools Help

Source

Console Terminal Background Jobs

```
R - R 4.5.2 ~ / ~  
>  
> View(creditcard)  
> lm(V1 ~ V2)  
  
Call:  
lm(formula = V1 ~ V2)  
  
Coefficients:  
(Intercept)          V2  
4.891e-15      -4.724e-16  
  
> install.packages("tidyverse")  
  
Error in install.packages("tidyverse") :  
could not find function "install.packages"  
  
> library(readxl)  
> X_animal <- read_excel("C:/Users/yukta/R_Prog_S120/~$animal.xlsx")  
  
Error in utils::unzip(zip_path, list = TRUE) :  
zip file 'C:/Users/yukta/R_Prog_S120/~$animal.xlsx' cannot be opened  
  
> library(readxl)  
> animal <- read_excel("C:/Users/yukta/R_Prog_S120/animal.xlsx")  
> View(animal)  
> heights=c(54,54,34)  
> library(readxl)  
> animal <- read_excel("C:/Users/yukta/R_Prog_S120/animal.xlsx")  
> View(animal)  
> ggplot(data= animal, aes(x= sleep_total))+  
+   geom_histogram(bins=30)  
  
Error in ggplot(data = animal, aes(x= sleep_total)) :  
could not find function "ggplot"  
  
> ggplot(data= animal, aes(x= sleep_total))+  
+   geom_histogram(bins=30)
```

Environment History Connections Tutorial

R - Global Environment

Data

animal	7 obs. of 1 variable
creditcard	284807 obs. of 31 variables
StudentsPerformance	1000 obs. of 8 variables
StudentsPerformance. (1)	1000 obs. of 8 variables

Values

heights	num [1:3] 54 54 34
---------	--------------------

Files Plots Packages Help Viewer Presentation

C:\Users\yukta\ R_Prog_S120

Name	Size	Modified
animal.xlsx	9.6 MB	Nov 24, 2025, 12:11 PM
creditcard.csv	143.8 MB	Nov 24, 2025, 11:39 AM
creditcard.xlsx	118.1 MB	Nov 24, 2025, 11:46 AM
p1_S120.R	412 B	Nov 24, 2025, 12:21 PM
p1.R	62 B	Nov 24, 2025, 11:52 AM
R-4.5.2-win.exe	86.1 MB	Nov 24, 2025, 11:11 AM
RStudio-2025.09.2-418.exe	283 MB	Nov 24, 2025, 11:17 AM
P2_S120.R	486 B	Nov 24, 2025, 12:40 PM
StudentsPerformance (1).xlsx	46.2 KB	Nov 24, 2025, 12:35 PM
StudentsPerformance (1).csv	55.7 KB	Nov 24, 2025, 12:35 PM
SBE40A00	0 B	Jan 1, 1970, 5:30 AM

30°C Sunny 12:40 24-11-2025

RStudio

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Source

Console Terminal Background Jobs

```
R - R 4.5.2 ~ / ~  
  
Error in describe(StudentsPerformance(1)) :  
could not find function "describe"  
  
> View(StudentsPerformance_1)  
> View(StudentsPerformance_1)  
> View(StudentsPerformance_1)  
> View(StudentsPerformance_1)  
> describe(StudentsPerformance_1)  
  
Error in describe(StudentsPerformance_1) :  
could not find function "describe"  
  
>  
> cat("Column Names: ", names(StudentsPerformance_1), "\n")  
Column Names: gender race/ethnicity parental level of education lunch test preparation course math  
score reading score writing score  
> install.packages(c("readr", "psych"))  
  
WARNING: Rtools is required to build R packages but is not currently installed. Please download and  
install the appropriate version of Rtools before proceeding:  
  
https://cran.rstudio.com/bin/windows/Rtools/  
  
Installing packages into 'C:/Users/yukta/AppData/Local/R/win-library/4.5'  
(as 'lib' is unspecified)  
  
trying URL 'https://cran.rstudio.com/bin/windows/contrib/4.5/readr_2.1.6.zip'  
trying URL 'https://cran.rstudio.com/bin/windows/contrib/4.5/psych_2.5.6.zip'  
package 'readr' successfully unpacked and MD5 sums checked  
package 'psych' successfully unpacked and MD5 sums checked  
  
The downloaded binary packages are in  
C:\Users\yukta\AppData\Local\Temp\RtmpKZ9kT\downloaded_packages  
  
>  
> library(readr)  
> library(psych)  
>  
> mv_data <- read_csv("StudentsPerformance (1).csv")
```

Environment History Connections Tutorial

R - Global Environment

Data

animal	7 obs. of 1 variable
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Values

heights	num [1:3] 54 54 34
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Files Plots Packages Help Viewer Presentation

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30°C Sunny 12:41 24-11-2025

RStudio interface showing a console with R code and error messages. The code attempts to read a CSV file named 'StudentsPerformance (1).csv' but fails due to a connection error. The error messages are:

```
Error in file(file, "rt") : cannot open the connection
In addition: Warning message:
In file(file, "rt") :
cannot open file 'StudentsPerformance (1).csv': No such file or directory
```

The code then tries to read the file with a different path, but the error persists. Finally, the code is corrected to use the full path:

```
> my_data <- read.csv("C:/Users/yukta/downloads/StudentsPerformance (1).csv")
> View(my_data)
> install.packages(c("readr", "psych"))
```

The console shows a warning message about Rtools and the installation of the 'readr' and 'psych' packages. The Environment pane on the right shows the loaded data objects:

Object	Size	Modified
animal	7 obs. of 1 variable	
creditcard	284807 obs. of 31 variables	
StudentsPerformance...	1000 obs. of 8 variables	
StudentsPerformance. (1)	1000 obs. of 8 variables	

The Files pane on the right shows the directory structure of the R project, including the 'R' folder and the 'R.Prog.S120' folder.

RStudio interface showing the console with R code and error messages. The code attempts to read a CSV file named 'StudentsPerformance (1).csv' but fails due to a connection error. The error messages are:

```
Error: 'U' used without hex digits in character string (<input>:1:25)
```

The code then tries to read the file with a different path, but the error persists. Finally, the code is corrected to use the full path:

```
> my_data <- read.csv("C:/Users/yukta/downloads/StudentsPerformance (1).csv")
> head(my_data)
```

The console shows a warning message about Rtools and the installation of the 'readr' and 'psych' packages. The Environment pane on the right shows the loaded data objects:

Object	Size	Modified
animal	7 obs. of 1 variable	
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The Files pane on the right shows the directory structure of the R project, including the 'R' folder and the 'R.Prog.S120' folder.