

**Sheth L.U.J & Sir M.V College
SAS/SPSS/R
Practical No.4**

Aim: Applying conditional filters subset() or filter() in R.

Output:

The screenshot shows the RStudio interface. The left pane displays R code and its execution output. The right pane shows a file browser.

R Code and Output:

```
install.packages("dplyr")
library(dplyr)
library(readr)
students <- read_csv("student_exam_scores.csv")
#> #> #> #>
```

Output:

```
Restarting R session...
> install.packages("dplyr")
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/tools/
Installing package into 'C:/Users/Sangita Jaykumar/AppData/Local/R/win-library/4.1'
(as "lib" is unsupported)
trying URL 'https://cran.rstudio.com/bin/windows/contrib/4.1/dplyr_1.1.0.zip'
Content type 'application/zip' length 1593482 bytes (1.5 MB)
downloaded 1.5 MB

package 'dplyr' successfully unpacked and MD5 sum checked
```

The downloaded binary packages are in
C:/Users/Sangita Jaykumar/AppData/Local/Tmp/itmpmifgr/downloaded_packages.

> library(dplyr)

Attaching package: 'dplyr'

The following objects are masked from 'package:stats':

filter, lag

The following objects are masked from 'package:base':

intersect, setdiff, setequal, union

File Browser:

Type	Name	Size	Modified
File	AMR_Freddy CMF.docx	105 MB	Oct 7, 2025, 9:29 PM
Folder	Custom Office Templates		
File	install.Rproj	407 B	Apr 14, 2025, 9:29 PM
File	Java FFT pack	203 MB	Oct 2, 2025, 9:28 PM
File	My Music		
File	My Pictures		
File	My Videos		
Folder	Games		
Folder	Reactor Games		
File	Warcraft_Solo.zip	355.2 KB	Nov 10, 2025, 9:21 PM
File	Item_Tuners.csv	985.1 KB	Nov 13, 2025, 9:05 AM
File	Health.csv	372.69	Nov 13, 2025, 9:08 AM
File	Health	38.68	Nov 13, 2025, 9:24 AM
File	Pendule_Geocentre	43 KB	Nov 13, 2025, 9:19 AM
File	item_tuners	107.2 KB	Nov 13, 2025, 9:28 PM
File	accuracy_dists.csv	5.9 MB	May 18, 2021, 8:08 AM
File	student_exam_health.csv	7.6 MB	Nov 13, 2025, 8:33 AM
File	student_exam_scores.csv	52.6 KB	Nov 13, 2025, 9:23 AM
File	student_exam_tuners.csv	2.2 MB	Aug 16, 2022, 7:01 PM
File	item_tuners	66 B	Nov 24, 2025, 11:47 AM
File	student_exam_scores	51.1 KB	Nov 3, 2025, 4:21 PM

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