

RStudio

File Edit Code View Plots Session Build Debug Profile Tools Help

Go to file/function Addins

40\_SQLR

```
1 #install.packages("sqldf")
2 #library("sqldf")
3
4 stu <- read.csv("C:\\Users\\LENOVO\\OneDrive\\FILES\\PROGRAMS\\_5R\\41_students.csv")
5 stu
6
7 sqldf("select * from stu")
8
9 sqldf("select name,marks from stu")
10
11 sqldf("select count(*) from stu")
12
13 sqldf("select * from stu where marks > 80")
14
15 sqldf("select * from stu where marks < 80")
16
17 sqldf("select * from stu where name = 'Veer'")
18
19 sqldf("select * from stu where marks = 45")
20
21 sqldf("select name from stu where marks = 45")
22
23 sqldf("select distinct name from stu")
24
25 min(stu$marks)
26
27 max(stu$marks)
28
29
30
31 (Top Level)
```

Environment History Connections Tutorial

Import Dataset 274 MiB

R Global Environment

Data

stu 6 obs. of 3 variables

Console Terminal Background Jobs

R 43.2

```
> stu <- read.csv("C:\\Users\\LENOVO\\OneDrive\\FILES\\PROGRAMS\\_5R\\41_students.csv")
> stu
  name roll_no marks
1  Veer       1    45
2 Jishan     2    67
3 Armaan    3    87
4  Vikas     4    98
5  Vikas     5    56
6   Jai      6    89
> sqldf("select * from stu")
  name roll_no marks
1  Veer       1    45
2 Jishan     2    67
3 Armaan    3    87
4  Vikas     4    98
5  Vikas     5    56
6   Jai      6    89
> sqldf("select name,marks from stu")
  name marks
1  Veer   45
2 Jishan  67
3 Armaan  87
4  Vikas  98
5  Vikas  56
6   Jai   89
> sqldf("select count(*) from stu")
count(*)
1      6
> sqldf("select * from stu where marks > 80")
  name roll_no marks
1 Armaan     3    87
2  Vikas     4    98
3   Jai      6    89
> sqldf("select * from stu where marks < 80")
  name roll_no marks
1  Veer       1    45
2 Jishan     2    67
3  Vikas     5    56
> sqldf("select * from stu where name = 'Veer'")
  name roll_no marks
1  Veer       1    45
> sqldf("select * from stu where marks = 45")
  name roll_no marks
1  Veer       1    45
> sqldf("select name from stu where marks = 45")
  name
1  Veer
> sqldf("select distinct name from stu")
  name
1  Veer
2 Jishan
3 Armaan
4  Vikas
5  Vikas
6   Jai
> min(stu$marks)
[1] 45
> max(stu$marks)
[1] 98
>
```

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67°F Haze

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1  Veer       1    45
> sqldf("select * from stu where marks = 45")
  name roll_no marks
1  Veer       1    45
> sqldf("select name from stu where marks = 45")
  name
1  Veer
> sqldf("select distinct name from stu")
  name
1  Veer
2 Jishan
3 Armaan
4  Vikas
5  Vikas
6   Jai
> min(stu$marks)
[1] 45
> max(stu$marks)
[1] 98
>
```

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