

PRACTICAL NO 2

AIM : Creating datasets from raw data (text files, CSV files, Excel sheets) and importing data into SAS/SPSS/R.

The screenshot displays the RStudio interface. The top window is the 'Import Text Data' dialog box, which is used to import a CSV file. The 'File/URL' field is set to '~/Downloads/dh.csv'. The 'Data Preview' section shows a table with columns: gender, race/ethnicity, parental level of education, lunch, test preparation course, math score, reading score, and writing score. The 'Import Options' section shows 'Name: dh', 'Skip: 0', and 'First Row as Names' checked. The 'Code Preview' section shows the R code:

```
library(readr)
dh <- read_csv("~/Downloads/dh.csv")
View(dh)
```

The bottom window is the 'RStudio Source Editor', which displays the imported data as a table. The table has columns: gender, race/ethnicity, parental level of education, lunch, test preparation course, math score, and reading score. The data is shown in a grid format with rows numbered 1 to 24.

gender	race/ethnicity	parental level of education	lunch	test preparation course	math score	reading score
female	group B	bachelor's degree	standard	none	72	72
female	group C	some college	standard	completed	69	90
female	group B	master's degree	standard	none	90	95
male	group A	associate's degree	free/reduced	none	47	57
male	group C	some college	standard	none	76	78
female	group B	associate's degree	standard	none	71	83
female	group B	some college	standard	completed	88	95

Sheth L.U.J. College of Arts & Sir M.V. College Of Science & Commerce

SUBJECT NAME: Data Analysis with SAS / SPSS / R

RStudio

File Edit Code View Plots Session Build Dev Tools Help

Go to file/URL

dh x

Filter

S118DheerajSingh4th.R x

S118DheerajSingh5th.R x

Filter

Cols: << 1 - 50 >>

	Order	PID	MS SubClass	MS	gender	race/ethnicity	parental level of education	lunch	test preparation course	math score	reading score	
	5	5	0527105010	060	RL	24	female	group C	some high school	standard	none	69
	6	6	0527105030	060	RL	25	male	group D	bachelor's degree	free/reduced	completed	74
	7	7	0527127150	120	RL	26	male	group A	master's degree	free/reduced	none	73
	8	8	0527145080	120	RL	27	male	group B	some college	standard	none	69
	9	9	0527146030	120	RL	28	female	group C	bachelor's degree	standard	none	67
	10	10	0527162130	060	RL	29	male	group C	high school	standard	none	70
	11	11	0527163010	060	RL	30	female	group D	master's degree	standard	none	62
	12	12	0527165230	020	RL	31	female	group D	some college	standard	none	69
	13	13	0527166040	060	RL	32	female	group B	some college	standard	none	63
	14	14	0527180040	020	RL	33	female	group E	master's degree	free/reduced	none	56
	15	15	0527182190	120	RL	34	male	group D	some college	standard	none	40
	16	16	0527216070	060	RL	35	male	group E	some college	standard	none	97
	17	17	0527225035	050	RL	36	male	group E	associate's degree	standard	completed	81
	18	18	0527258010	020	RL	37	female	group D	associate's degree	standard	none	74
	19	19	0527276150	020	RL	38	female	group D	some high school	free/reduced	none	50
	20	20	0527302110	020	RL	39	female	group D	associate's degree	free/reduced	completed	75
	21	21	0527358140	020	RL	40	male	group B	associate's degree	free/reduced	none	57
	22	22	0527358200	085	RL	41	male	group C	associate's degree	free/reduced	none	55
	23	23	0527368020	060	FV	42	female	group C	associate's degree	standard	none	58
	24	24	0527402200	020	RL	43	female	group B	associate's degree	standard	none	53
						44	male	group B	some college	free/reduced	completed	59
						45	female	group E	associate's degree	free/reduced	none	50
						46	male	group B	associate's degree	standard	none	65
						47	female	group A	associate's degree	standard	completed	55
						48	female	group C	high school	standard	none	66

Showing 5 to 25 of 2,930 entries, 82 total columns

Console

Project: (None)

Files

More

Size	Modified
53 B	Nov 24, 2025, 11:47 AM
4.1 MB	Nov 24, 2025, 1:16 PM
22 B	Nov 24, 2025, 1:16 PM
30.3 KB	Sep 20, 2025, 3:31 PM
402 B	Aug 13, 2025, 9:26 AM

32°C

Search

ENG IN

13:24

24-11-2025

RStudio

File

Edit

Code

View

Plots

Session

Build

Debug

Go to File/View/Session

Go to File/View/Session

Filter

Filter

S118DheeraSingh4th.R

S118DheeraSingh4th.R

S118DheeraSingh4th.R

Filter

Cols: << 1 - 50 >>

	Order	PID	MS SubClass	MS	gender	race/ethnicity	parental level of education	lunch	test preparation course	math score	reading score
5	5	0527105010	060	RL	974	female	group D	some college	free/reduced	none	49
6	6	0527105030	060	RL	975	female	group A	some college	standard	none	54
7	7	0527127150	120	RL	976	female	group C	some college	standard	completed	64
8	8	0527145080	120	RL	977	male	group B	some college	free/reduced	completed	60
9	9	0527146030	120	RL	978	male	group C	associate's degree	standard	none	62
10	10	0527162130	060	RL	979	male	group D	high school	standard	completed	55
11	11	0527163010	060	RL	980	female	group C	associate's degree	standard	none	91
12	12	0527165230	020	RL	981	female	group B	high school	free/reduced	none	8
13	13	0527166040	060	RL	982	male	group D	some high school	standard	none	81
14	14	0527180040	020	RL	983	male	group B	some high school	standard	completed	79
15	15	0527182190	120	RL	984	female	group A	some college	standard	completed	78
16	16	0527216070	060	RL	985	female	group C	some high school	standard	none	74
17	17	0527225035	050	RL	986	male	group A	high school	standard	none	57
18	18	0527258010	020	RL	987	female	group C	associate's degree	standard	none	40
19	19	0527276150	020	RL	988	male	group E	some high school	standard	completed	81
20	20	0527302110	020	RL	989	female	group A	some high school	free/reduced	none	44
21	21	0527358140	020	RL	990	female	group D	some college	free/reduced	completed	67
22	22	0527358200	085	RL	991	male	group E	high school	free/reduced	completed	86
23	23	0527368020	060	FV	992	female	group B	some high school	standard	completed	65
24	24	0527402200	020	RL	993	female	group D	associate's degree	free/reduced	none	55
25	25	0527402200	020	RL	994	female	group D	bachelor's degree	free/reduced	none	62
26	26	0527402200	020	RL	995	male	group A	high school	standard	none	63
27	27	0527402200	020	RL	996	female	group E	master's degree	standard	completed	88
28	28	0527402200	020	RL	997	male	group C	high school	free/reduced	none	62
29	29	0527402200	020	RL	998	female	group C	high school	free/reduced	completed	59

Showing 5 to 25 of 2,930 entries, 82 total columns

Console

Project (None)

Files

Variables

Environment

History

Source

Viewer

Help

Tools

Settings

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