

MVLU COLLEGE R PRACTICAL 2

RStudio interface showing a data table with 19 rows and 9 columns. The table contains cricket match data including player names, runs, wickets, and match dates. The console shows the R version 4.5.2 and the R Foundation copyright notice.

V1	V2	V3	V4	V5	V6	V7	V8	V9
1	POS	Player	Runs	BF	4s	6s	Against	Venue
2	1	KL Rahul	51	14	6	4	DC	IS Bindra Stadium
3	2	Ishan Kishan	62	17	5	6	KKR	Eden Gardens
4	3	Sunil Narine	50	17	4	5	RCB	Eden Gardens
5	4	Jos Buttler	67	18	4	7	DC	Arun Jethay Stadium
6	5	Sam Billings	56	21	2	5	KKR	Chidambaram
7	6	KL Rahul	66	22	2	7	KKR	Holkar Cricket Stadium
8	7	Chris Gayle	63	22	7	4	CSK	IS Bindra Stadium
9	8	MS Dhoni	51	22	2	5	DC	Maharashtra Cricket Association's International Stadium
10	9	Kieron Pollard	50	22	5	3	PBKS	Wankhede Stadium
11	10	Dinesh Karthik	50	22	5	3	PBKS	Holkar Cricket Stadium
12	11	Rohit Sharma	69	23	7	5	RR	Arun Jethay Stadium
13	12	AB de Villiers	68	23	2	8	CSK	M. Chinnaswamy Stadium
14	13	AB de Villiers	90	24	10	5	DC	M. Chinnaswamy Stadium
15	14	KL Rahul	60	24	9	2	KKR	Eden Gardens
16	15	Shane Watson	78	25	4	7	DC	Maharashtra Cricket Association's International Stadium
17	16	Dwayne Bravo	68	25	5	7	MI	Wankhede Stadium
18	17	Moeen Ali	65	25	2	6	SRH	M. Chinnaswamy Stadium
19	18	Pritvi Shaw	65	25	6	3	SRH	Rajiv Gandhi Int. Cricket Stadium

RStudio interface showing a data table with 38 rows and 9 columns. The table contains cricket match data including player names, runs, wickets, and match dates. The console shows the R version 4.5.2 and the R Foundation copyright notice.

V1	V2	V3	V4	V5	V6	V7	V8	V9
22	21	Andre Russell	88	26	1	11	CSK	Chidambaram
23	22	Sunil Narine	75	26	9	4	PBKS	Holkar Cricket Stadium
24	23	Virat Kohli	70	26	7	3	DC	Arun Jethay Stadium
25	24	Virat Kohli	57	26	7	2	RR	M. Chinnaswamy Stadium
26	25	Jason Roy	91	27	6	6	MI	Wankhede Stadium
27	26	Jos Buttler	62	27	6	1	PBKS	Sawai Mansingh Stadium
28	27	Arshdeep Singh	79	27	9	4	SRH	Rajiv Gandhi Int. Cricket Stadium
29	28	Rohit Sharma	61	27	5	4	RCB	Arun Jethay Stadium
30	29	Shane Watson	106	28	9	6	RR	Maharashtra Cricket Association's International Stadium
31	30	Kane Williamson	81	28	7	5	RCB	M. Chinnaswamy Stadium
32	31	AB de Villiers	72	28	4	6	DC	Arun Jethay Stadium
33	32	Chris Gayle	62	28	5	6	KKR	Eden Gardens
34	33	Vijay Shankar	54	28	1	5	CSK	Maharashtra Cricket Association's International Stadium
35	34	Arshdeep Singh	50	28	4	4	DC	Arun Jethay Stadium
36	35	Shreyas Iyer	93	29	3	10	KKR	Arun Jethay Stadium
37	36	Suryakumar Yadav	72	29	6	3	RR	Sawai Mansingh Stadium
38	37	MS Dhoni	70	29	1	7	RCB	M. Chinnaswamy Stadium
39	38	Suryakumar Yadav	53	29	7	1	DC	Wankhede Stadium
40	39	Chasekar Inga	63	30	2	5	PBKS	M. Chinnaswamy Stadium

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RStudio interface showing the 'Import Excel Data' dialog box. The 'File/URL' field is set to 'C:/Users/Admin/Downloads/IPL_2023_FULL_RUNS.xlsx'. The 'Data Preview' table shows columns: Match No., Date, Team 1, Team 2, Team 1 Runs, Team 2 Runs, Winner, and Venue. The 'Import Options' section shows 'Name' as 'IPL_2023_FULL_RUNS', 'Max Rows' as 1000, 'Sheet' as 'Default', 'Range' as 'A1:D10', and 'Skip' as 0. The 'Code Preview' section shows R code for reading the Excel file.

Match No.	Date	Team 1	Team 2	Team 1 Runs	Team 2 Runs	Winner	Venue
3	23 Mar 2023	CSK	MI	150/6	155/9	CSK	NA
5	25 Mar 2023	GT	PKS	232/5	243/5	PKS	NA
6	28 Mar 2023	CSK	RCB	146/8	196/7	RCB	NA
9	28 Mar 2023	GT	MI	196/8	162/8	GT	NA
12	31 Mar 2023	MI	KKR	121/2	116	MI	NA
13	01 Apr 2023	LSG	PKS	171/7	177/2	PKS	NA
16	04 Apr 2023	LSG	MI	203/8	191/5	LSG	NA
18	05 Apr 2023	PKS	RR	135/9	205/4	RR	NA
17	05 Apr 2023	CSK	DC	158/5	183/6	DC	NA
20	07 Apr 2023	MI	RCB	208/9	221/5	RCB	NA
21	08 Apr 2023	KKR	LSG	234/7	238/3	LSG	NA
22	08 Apr 2023	PKS	CSK	218/6	201/5	PKS	NA
23	08 Apr 2023	GT	RR	217/6	159	GT	NA
24	10 Apr 2023	RCB	DC	163/7	168/4	DC	NA
25	11 Apr 2023	CSK	KKR	103/9	107/2	KKR	NA
26	12 Apr 2023	LSG	GT	186/4	180/6	LSG	NA
27	12 Apr 2023	SRH	PKS	247/2	245/6	SRH	NA
30	14 Apr 2023	LSG	CSK	166/7	168/5	CSK	NA
31	15 Apr 2023	PKS	KKR	111	95	PKS	NA
32	16 Apr 2023	DC	RR	188	188	DC (D/S)	NA
33	17 Apr 2023	MI	SRH	186/6	162/5	MI	NA

RStudio interface showing the 'Import Excel Data' dialog box. The 'File/URL' field is set to 'C:/Users/Admin/Downloads/IPL_2023_FULL_RUNS.xlsx'. The 'Data Preview' table shows columns: Match No., Date, Team 1, Team 2, Team 1 Runs, Team 2 Runs, Winner, and Venue. The 'Import Options' section shows 'Name' as 'IPL_2023_FULL_RUNS', 'Max Rows' as 1000, 'Sheet' as 'Default', 'Range' as 'A1:D10', and 'Skip' as 0. The 'Code Preview' section shows R code for reading the Excel file.

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6	28 Mar 2023	CSK	RCB	146/8	196/7	RCB	NA
9	28 Mar 2023	GT	MI	196/8	162/8	GT	NA
12	31 Mar 2023	MI	KKR	121/2	116	MI	NA
13	01 Apr 2023	LSG	PKS	171/7	177/2	PKS	NA
16	04 Apr 2023	LSG	MI	203/8	191/5	LSG	NA
18	05 Apr 2023	PKS	RR	135/9	205/4	RR	NA
17	05 Apr 2023	CSK	DC	158/5	183/6	DC	NA
20	07 Apr 2023	MI	RCB	208/9	221/5	RCB	NA
21	08 Apr 2023	KKR	LSG	234/7	238/3	LSG	NA
22	08 Apr 2023	PKS	CSK	218/6	201/5	PKS	NA
23	08 Apr 2023	GT	RR	217/6	159	GT	NA
24	10 Apr 2023	RCB	DC	163/7	168/4	DC	NA
25	11 Apr 2023	CSK	KKR	103/9	107/2	KKR	NA
26	12 Apr 2023	LSG	GT	186/4	180/6	LSG	NA
27	12 Apr 2023	SRH	PKS	247/2	245/6	SRH	NA
30	14 Apr 2023	LSG	CSK	166/7	168/5	CSK	NA
31	15 Apr 2023	PKS	KKR	111	95	PKS	NA
32	16 Apr 2023	DC	RR	188	188	DC (D/S)	NA
33	17 Apr 2023	MI	SRH	186/6	162/5	MI	NA

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The screenshot shows the RStudio environment with a data table of cricket matches. The table has columns: Match No., Date, Team 1, Team 2, Team 1 Runs, Team 2 Runs, Winner, and Venue. The data includes matches from March to May 2023. The console shows the following R code and output:

```
R - R432 ->  
"help.start()" for an HTML browser interface to help.  
Type "q()" to quit R.  
  
> study_notes <- read.table("C:/Users/Admin/downloads/study_notes.txt", header=TRUE, quote="")  
Error in read.table("C:/Users/Admin/downloads/study_notes.txt", header = TRUE, :  
  more columns than column names  
  
> library(readxl)  
> IPL_2023_FULL_RUNS <- read_excel("C:/Users/Admin/downloads/IPL_2023_FULL_RUNS.xlsx")  
> View(IPL_2023_FULL_RUNS)  
> study_notes <- read.table("C:/Users/Admin/downloads/study_notes.txt", header=TRUE, quote="")  
Error in read.table("C:/Users/Admin/downloads/study_notes.txt", header = TRUE, :  
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> View(IPL_2023_FULL_RUNS)
```

The screenshot shows the RStudio environment with a data table of cricket matches. The table has columns: Match No., Date, Team 1, Team 2, Team 1 Runs, Team 2 Runs, Winner, and Venue. The data includes matches from May to June 2023. The console shows the following R code and output:

```
R - R432 ->  
"help.start()" for an HTML browser interface to help.  
Type "q()" to quit R.  
  
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