

21BDS0340

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Exploratory Data Analysis Lab

Experiment – III

Code:

```
library(dplyr)
library(tidyr)
library(magrittr)
setwd("/Users/abhi/College Work/Year 4 Semester 1 (Sem 7)/Exploratory Data Analysis Lab/Assignment 2")
data = read.csv("DS2_Match.csv")
```

Output:

```
> setwd("/Users/abhi/College Work/Year 4 Semester 1 (Sem 7)/Exploratory Data Analysis Lab/Assignment 2")
> data = read.csv("DS2_Match.csv")
> library(dplyr)
> library(tidyr)
> library(magrittr)
> setwd("/Users/abhi/College Work/Year 4 Semester 1 (Sem 7)/Exploratory Data Analysis Lab/Assignment 2")
> data = read.csv("DS2_Match.csv")
```

Code:

```
win_type_arranged = data %>% arrange(Win_Type)
View(win_type_arranged)
```

Output:

win_type_arranged													
	Toss_Winner_Id	Toss_Decision	IS_Superover	IS_Result	Is_DuckWorthLewis	Win_Type	Won_By	Match_Winner_Id	Man_Of_The_Match_Id	First_Umpire_Id	Second_Umpire_Id	City_Name	Host_Country
	6	bat	0	0	0	No Result	NULL	NA	NA	485	518	Delhi	India
	5	field	0	0	0	No Result	NULL	NA	NA	494	506	Bangalore	India
	2	field	0	0	0	No Result	NULL	NA	NA	482	520	Bangalore	India
	1	field	1	1	0	Tie	NULL	5	31	471	481	Cape Town	South Africa
	3	field	1	1	0	Tie	NULL	4	233	486	476	Chennai	India
	2	bat	1	1	0	Tie	NULL	11	340	495	489	Hyderabad	India
	2	field	1	1	0	Tie	NULL	2	8	481	496	Bangalore	India
	5	bat	1	1	0	Tie	NULL	5	310	472	495	Abu Dhabi	U.A.E
	4	field	1	1	0	Tie	NULL	4	100	481	489	Ahmedabad	India
	2	field	0	1	0	by runs	140	1	2	470	477	Bangalore	India
	3	bat	0	1	0	by runs	33	3	19	471	487	Chandigarh	India
	7	field	0	1	0	by runs	6	3	18	476	512	Chennai	India
	7	field	0	1	0	by runs	66	4	26	472	492	Chandigarh	India
	3	bat	0	1	0	by runs	13	3	20	478	513	Bangalore	India
	2	field	0	1	0	by runs	10	6	118	472	514	Delhi	India
	5	bat	0	1	0	by runs	45	5	101	477	512	Jaipur	India
	4	bat	0	1	0	by runs	9	4	29	476	514	Chandigarh	India
	6	field	0	1	0	by runs	29	7	49	475	477	Mumbai	India
	1	bat	0	1	0	by runs	5	1	1	470	475	Kolkata	India
	4	field	0	1	0	by runs	18	3	151	479	480	Chennai	India
	1	bat	0	1	0	by runs	23	1	1	475	492	Hyderabad	India
	1	bat	0	1	0	by runs	23	1	144	470	475	Kolkata	India
	5	field	0	1	0	by runs	41	4	100	473	486	Chandigarh	India
	8	field	0	1	0	by runs	12	6	136	480	512	Delhi	India
	6	bat	0	1	1	by runs	6	4	64	479	477	Delhi	India
	2	field	0	1	0	by runs	65	5	74	474	487	Jaipur	India
	8	field	0	1	0	by runs	25	7	71	478	476	Hyderabad	India
	1	bat	0	1	1	by runs	3	3	122	470	486	Kolkata	India
	7	field	0	1	0	by runs	1	4	100	474	512	Mumbai	India
	2	bat	0	1	0	by runs	14	2	124	476	514	Chennai	India
	5	bat	0	1	0	by runs	10	5	109	476	487	Chennai	India
	8	field	0	1	0	by runs	3	2	14	478	487	Bangalore	India
	6	field	0	1	0	by runs	105	5	32	474	477	Mumbai	India
	3	field	0	1	0	by runs	19	7	133	478	486	Cape Town	South Africa
	2	bat	0	1	0	by runs	75	2	6	478	513	Cape Town	South Africa
	3	bat	0	1	0	by runs	92	3	121	480	490	Port Elizabeth	South Africa
	1	field	0	1	1	by runs	11	1	162	476	515	Durban	South Africa

Showing 1 to 36 of 577 entries, 19 total columns

Code:

```
city_name_arranged = data %>% arrange(City_Name)
View(city_name_arranged)
```

Output:

city_name_arranged												
Toss_Winner_Id	Toss_Decision	IS_Superover	IS_Result	Is_DuckWorthLewis	Win_Type	Won_By	Match_Winner_Id	Man_Of_The_Match_Id	First_Umpire_Id	Second_Umpire_Id	City_Name	Host_Country
1	bat	0	1		0 by runs	41	1	9	481		501 Abu Dhabi	U.A.E
2	field	0	1		0 by wickets	8	2	382	472		489 Abu Dhabi	U.A.E
3	bat	0	1		0 by wickets	6	4	305	501		499 Abu Dhabi	U.A.E
5	field	0	1		0 by wickets	4	5	85	474		501 Abu Dhabi	U.A.E
2	field	0	1		0 by wickets	7	2	17	472		495 Abu Dhabi	U.A.E
1	bat	0	1		0 by wickets	4	6	154	472		496 Abu Dhabi	U.A.E
4	field	0	1		0 by wickets	7	4	305	474		481 Abu Dhabi	U.A.E
3	bat	0	1		0 by runs	93	3	21	501		499 Abu Dhabi	U.A.E
11	field	0	1		0 by runs	72	4	305	481		489 Abu Dhabi	U.A.E
5	field	0	1		0 by runs	7	3	35	482		501 Abu Dhabi	U.A.E
2	field	0	1		0 by runs	2	1	336	472		496 Abu Dhabi	U.A.E
11	bat	0	1		0 by runs	4	11	254	481		489 Abu Dhabi	U.A.E
7	bat	0	1		0 by wickets	7	3	364	474		481 Abu Dhabi	U.A.E
5	field	0	1		0 by wickets	6	5	370	482		499 Abu Dhabi	U.A.E
1	field	0	1		0 by runs	23	4	367	482		501 Abu Dhabi	U.A.E
7	bat	0	1		0 by wickets	6	6	185	472		496 Abu Dhabi	U.A.E
11	bat	0	1		0 by wickets	5	3	147	495		496 Abu Dhabi	U.A.E
4	field	0	1		0 by wickets	5	4	367	474		489 Abu Dhabi	U.A.E
5	bat	1	1		0 Tie	NULL	5	310	472		495 Abu Dhabi	U.A.E
7	field	0	1		0 by runs	15	11	299	482		481 Ahmedabad	India
6	field	0	1		0 by wickets	6	6	41	480		477 Ahmedabad	India
5	bat	0	1		0 by runs	34	5	211	477		513 Ahmedabad	India
8	bat	0	1		0 by wickets	8	5	31	482		490 Ahmedabad	India
5	bat	0	1		0 by runs	17	5	183	485		490 Ahmedabad	India
1	field	0	1		0 by runs	10	5	370	500		498 Ahmedabad	India
5	field	0	1		0 by runs	32	11	299	495		500 Ahmedabad	India
6	field	0	1		0 by runs	62	5	85	489		518 Ahmedabad	India
7	bat	0	1		0 by runs	25	7	19	489		518 Ahmedabad	India
7	bat	0	1		0 by wickets	7	5	306	495		504 Ahmedabad	India
3	bat	0	1		0 by wickets	8	5	85	495		481 Ahmedabad	India
4	field	1	1		0 Tie	NULL	4	100	481		489 Ahmedabad	India
2	field	0	1		0 by wickets	9	2	378	481		489 Ahmedabad	India
2	field	0	1		0 by runs	140	1				477 Bangalore	India
5	field	0	1		0 by wickets	7	5	32	470		475 Bangalore	India
3	bat	0	1		0 by runs	13	3	20	478		513 Bangalore	India
4	field	0	1		0 by wickets	6	4	77	473		478 Bangalore	India
7	field	0	1		0 by wickets	9	7	149	474		479 Bangalore	India

Showing 1 to 36 of 577 entries, 19 total columns

Code:

```
match_dates = data %>% select(Match_Date)
View(match_dates)
```

Output:

match_dates	
Match_Date	
1	18-Apr-08
2	19-Apr-08
3	19-Apr-08
4	20-Apr-08
5	20-Apr-08
6	21-Apr-08
7	22-Apr-08
8	23-Apr-08
9	24-Apr-08
10	25-Apr-08
11	26-Apr-08
12	26-Apr-08
13	27-Apr-08
14	27-Apr-08
15	28-Apr-08
16	29-Apr-08
17	30-Apr-08
18	01-May-08
19	01-May-08
20	02-May-08
21	25-May-08
22	03-May-08
23	04-May-08
24	04-May-08
25	05-May-08
26	06-May-08
27	07-May-08
28	08-May-08
29	08-May-08
30	09-May-08
31	28-May-08
32	10-May-08
33	11-May-08
34	11-May-08
35	12-May-08
36	13-May-08
37	14-May-08

Showing 1 to 37 of 577 entries, 1 total columns

Code:

```
city_and_country = data %>% select(City_Name, Host_Country)
View(city_and_country)
```

Output:

City_Name	Host_Country
1 Bangalore	India
2 Chandigarh	India
3 Delhi	India
4 Mumbai	India
5 Kolkata	India
6 Jaipur	India
7 Hyderabad	India
8 Chennai	India
9 Hyderabad	India
10 Chandigarh	India
11 Bangalore	India
12 Chennai	India
13 Mumbai	India
14 Chandigarh	India
15 Bangalore	India
16 Kolkata	India
17 Delhi	India
18 Hyderabad	India
19 Jaipur	India
20 Chennai	India
21 Hyderabad	India
22 Chandigarh	India
23 Mumbai	India
24 Jaipur	India
25 Bangalore	India
26 Chennai	India
27 Mumbai	India
28 Delhi	India
29 Kolkata	India
30 Jaipur	India
31 Bangalore	India
32 Chennai	India
33 Hyderabad	India
34 Jaipur	India
35 Chandigarh	India
36 Kolkata	India
37 Mumbai	India

Showing 1 to 37 of 577 entries, 2 total columns

Code:

```
all_but_match_id = data %>% select(-Match_Id)
View(all_but_match_id)
```

Output:

Match_Date	Team_Name_Id	Opponent_Team_Id	Season_Id	Venue_Name	Toss_Winner_Id	Toss_Decision	IS_Superover	IS_Result	IS_DuckWorthLewis	Win_Type	Won_By	Mo
1 18-Apr-08	2	1	1	M Chinnaswamy Stadium	2	field	0	1	0	by runs	140	
2 19-Apr-08	4	3	1	Punjab Cricket Association Stadium, Mohali	3	bat	0	1	0	by runs	33	
3 19-Apr-08	6	5	1	Feroz Shah Kotla	5	bat	0	1	0	by wickets	9	
4 20-Apr-08	7	2	1	Wankhede Stadium	7	bat	0	1	0	by wickets	5	
5 20-Apr-08	1	8	1	Eden Gardens	8	bat	0	1	0	by wickets	5	
6 21-Apr-08	5	4	1	Sawai Mansingh Stadium	4	bat	0	1	0	by wickets	6	
7 22-Apr-08	8	6	1	Rajiv Gandhi International Stadium, Uppal	8	bat	0	1	0	by wickets	9	
8 23-Apr-08	3	7	1	MA Chidambaram Stadium, Chepauk	7	field	0	1	0	by runs	6	
9 24-Apr-08	8	5	1	Rajiv Gandhi International Stadium, Uppal	5	field	0	1	0	by wickets	3	
10 25-Apr-08	4	7	1	Punjab Cricket Association Stadium, Mohali	7	field	0	1	0	by runs	66	
11 26-Apr-08	2	5	1	M Chinnaswamy Stadium	5	field	0	1	0	by wickets	7	
12 26-Apr-08	3	1	1	MA Chidambaram Stadium, Chepauk	1	bat	0	1	0	by wickets	9	
13 27-Apr-08	7	8	1	Dr DY Patil Sports Academy	8	field	0	1	0	by wickets	10	
14 27-Apr-08	4	6	1	Punjab Cricket Association Stadium, Mohali	6	bat	0	1	0	by wickets	4	
15 28-Apr-08	2	3	1	M Chinnaswamy Stadium	3	bat	0	1	0	by runs	13	
16 29-Apr-08	1	7	1	Eden Gardens	1	bat	0	1	0	by wickets	7	
17 30-Apr-08	6	2	1	Feroz Shah Kotla	2	field	0	1	0	by runs	10	
18 01-May-08	8	4	1	Rajiv Gandhi International Stadium, Uppal	4	field	0	1	0	by wickets	7	
19 01-May-08	5	1	1	Sawai Mansingh Stadium	5	bat	0	1	0	by runs	45	
20 02-May-08	3	6	1	MA Chidambaram Stadium, Chepauk	3	bat	0	1	0	by wickets	8	
21 25-May-08	8	2	1	Rajiv Gandhi International Stadium, Uppal	8	bat	0	1	0	by wickets	5	
22 03-May-08	4	1	1	Punjab Cricket Association Stadium, Mohali	4	bat	0	1	0	by runs	9	
23 04-May-08	7	6	1	Dr DY Patil Sports Academy	6	field	0	1	0	by runs	29	
24 04-May-08	5	3	1	Sawai Mansingh Stadium	3	bat	0	1	0	by wickets	8	
25 05-May-08	2	4	1	M Chinnaswamy Stadium	4	field	0	1	0	by wickets	6	
26 06-May-08	3	8	1	MA Chidambaram Stadium, Chepauk	8	field	0	1	0	by wickets	7	
27 07-May-08	7	5	1	Dr DY Patil Sports Academy	7	field	0	1	0	by wickets	7	
28 08-May-08	6	3	1	Feroz Shah Kotla	3	field	0	1	0	by wickets	4	
29 08-May-08	1	2	1	Eden Gardens	1	bat	0	1	0	by runs	5	
30 09-May-08	5	8	1	Sawai Mansingh Stadium	5	field	0	1	0	by wickets	8	
31 28-May-08	2	7	1	M Chinnaswamy Stadium	7	field	0	1	0	by wickets	9	
32 10-May-08	3	4	1	MA Chidambaram Stadium, Chepauk	4	field	0	1	0	by runs	18	
33 11-May-08	8	1	1	Rajiv Gandhi International Stadium, Uppal	1	bat	0	1	0	by runs	23	
34 11-May-08	5	6	1	Sawai Mansingh Stadium	5	field	0	1	0	by wickets	3	
35 12-May-08	4	2	1	Punjab Cricket Association Stadium, Mohali	2	bat	0	1	0	by wickets	9	
36 13-May-08	1	6	1	Eden Gardens	1	bat	0	1	0	by runs	23	
37 14-May-08	7	3	1	Wankhede Stadium	7	field	0	1	0	by wickets	9	

Showing 1 to 37 of 577 entries, 18 total columns

Code:

```
bangalore_matches = data %>% filter(City_Name == "Bangalore")
View(bangalore_matches)
```

Output:

bangalore_matches													
	Toss_Winner_Id	Toss_Decision	IS_Superover	IS_Result	Is_DuckWorthLewis	Win_Type	Won_By	Match_Winner_Id	Man_Of_The_Match_Id	First_Umpire_Id	Second_Umpire_Id	City_Name	Host_Country
y Stadium	2	field	0	1	0	by runs	140	1	2	470	477	Bangalore	India
y Stadium	5	field	0	1	0	by wickets	7	5	32	471	475	Bangalore	India
y Stadium	3	bat	0	1	0	by runs	13	3	20	478	513	Bangalore	India
y Stadium	4	field	0	1	0	by wickets	6	4	77	473	478	Bangalore	India
y Stadium	7	field	0	1	0	by wickets	9	7	149	474	479	Bangalore	India
y Stadium	6	field	0	1	0	by wickets	5	6	132	473	512	Bangalore	India
y Stadium	8	field	0	1	0	by runs	3	2	14	478	487	Bangalore	India
y Stadium	4	bat	0	1	0	by wickets	8	2	9	491	476	Bangalore	India
y Stadium	2	field	0	1	0	by wickets	10	2	9	486	476	Bangalore	India
y Stadium	3	field	0	1	0	by runs	36	2	46	477	513	Bangalore	India
y Stadium	2	field	0	1	0	by runs	17	6	237	480	477	Bangalore	India
y Stadium	8	field	0	1	0	by wickets	7	8	178	483	476	Bangalore	India
y Stadium	2	field	0	1	0	by wickets	7	2	81	486	476	Bangalore	India
y Stadium	2	field	0	1	0	by runs	57	7	210	482	490	Bangalore	India
y Stadium	7	field	0	1	0	by wickets	9	7	133	482	517	Bangalore	India
y Stadium	10	field	0	1	0	by runs	26	2	8	472	485	Bangalore	India
y Stadium	4	field	0	1	0	by runs	85	2	162	472	513	Bangalore	India
y Stadium	9	bat	0	1	0	by wickets	9	2	162	472	485	Bangalore	India
y Stadium	2	field	0	1	1	by wickets	4	2	162	477	513	Bangalore	India
y Stadium	2	field	0	1	0	by wickets	8	2	162	486	477	Bangalore	India
y Stadium	6	field	0	1	0	by runs	20	2	110	483	489	Bangalore	India
y Stadium	2	field	0	1	0	by runs	42	1	151	489	518	Bangalore	India
y Stadium	5	bat	0	1	0	by runs	59	5	85	494	518	Bangalore	India
y Stadium	10	bat	0	1	0	by wickets	6	2	162	483	491	Bangalore	India
y Stadium	4	field	0	1	0	by wickets	4	4	321	474	499	Bangalore	India
y Stadium	2	field	0	1	0	by wickets	5	2	110	482	497	Bangalore	India
y Stadium	7	field	0	1	0	by wickets	5	7	208	491	478	Bangalore	India
y Stadium	7	field	0	1	0	by runs	38	3	20	474	482	Bangalore	India
y Stadium	7	field	0	1	0	by runs	2	2	162	496	499	Bangalore	India
y Stadium	2	field	0	1	0	by wickets	8	2	162	470	495	Bangalore	India
y Stadium	2	field	1	1	0	Tie	NULL	2	8	481	496	Bangalore	India
y Stadium	2	field	0	1	0	by wickets	7	2	81	472	499	Bangalore	India
y Stadium	10	field	0	1	0	by runs	130	2	162	472	499	Bangalore	India
y Stadium	4	field	0	1	0	by wickets	7	4	53	482	489	Bangalore	India
y Stadium	11	bat	0	1	0	by wickets	7	2	8	489	490	Bangalore	India
y Stadium	3	field	0	1	0	by runs	24	2	8	499	518	Bangalore	India
y Stadium	2	field	0	1	0	by wickets	4	2	110	482	496	Bangalore	India

Showing 1 to 36 of 58 entries, 19 total columns

Code:

```
no_result_matches = data %>% filter(Win_Type == "No Result")
View(no_result_matches)
```

Output:

no_result_matches

Filter

Match_Id	Match_Date	Team_Name_Id	Opponent_Team_Id	Season_Id	Venue_Name	Toss_Winner_Id	Toss_Decision	IS_Superover	IS_Result	Is_DuckWorthLewis	Win_Type	Won_By	Match_Winner_Id
1	501270	21-May-11	6	10	4 Feroz Shah Kotla	6	bat	0	0	0	No Result	NULL	NA
2	829768	29-Apr-15	2	5	8 M Chinnaswamy Stadium	5	field	0	0	0	No Result	NULL	NA
3	829818	17-May-15	2	6	8 M Chinnaswamy Stadium	2	field	0	0	0	No Result	NULL	NA

Showing 1 to 3 of 3 entries, 19 total columns

Code:

```
india_bat_matches = data %>% filter(Host_Country == "India", Toss_Decision == "bat")
View(india_bat_matches)
```

Output:

Toss_Winner_Id	Toss_Decision	IS_Superover	IS_Result	Is_DuckworthLewis	Win_Type	Won_By	Match_Winner_Id	Man_Of_The_Match_Id	First_Umpire_Id	Second_Umpire_Id	City_Name	Host_Country
3	bat	0	1	0	by runs	33	3	19	471	487	Chandigarh	India
5	bat	0	1	0	by wickets	9	6	90	472	512	Delhi	India
7	bat	0	1	0	by wickets	5	2	11	473	476	Mumbai	India
8	bat	0	1	0	by wickets	5	1	4	474	486	Kolkata	India
4	bat	0	1	0	by wickets	6	5	32	472	513	Jaipur	India
8	bat	0	1	0	by wickets	9	6	41	475	492	Hyderabad	India
1	bat	0	1	0	by wickets	9	3	22	474	479	Chennai	India
6	bat	0	1	0	by wickets	4	4	28	477	514	Chandigarh	India
3	bat	0	1	0	by runs	13	3	20	478	513	Bangalore	India
1	bat	0	1	0	by wickets	7	7	44	474	479	Kolkata	India
5	bat	0	1	0	by runs	45	5	101	477	512	Jaipur	India
3	bat	0	1	0	by wickets	8	6	41	474	486	Chennai	India
8	bat	0	1	0	by wickets	5	2	81	470	477	Hyderabad	India
4	bat	0	1	0	by runs	9	4	29	476	514	Chandigarh	India
3	bat	0	1	0	by wickets	8	5	102	470	479	Jaipur	India
1	bat	0	1	0	by runs	5	1	1	470	475	Kolkata	India
1	bat	0	1	0	by runs	23	1	1	475	492	Hyderabad	India
2	bat	0	1	0	by wickets	9	4	100	478	514	Chandigarh	India
1	bat	0	1	0	by runs	23	1	144	470	475	Kolkata	India
6	bat	0	1	1	by runs	6	4	64	479	477	Delhi	India
1	bat	0	1	1	by runs	3	3	122	470	486	Kolkata	India
2	bat	0	1	0	by runs	14	2	124	476	514	Chennai	India
5	bat	0	1	0	by runs	10	5	109	476	487	Chennai	India
4	bat	0	1	0	by wickets	3	1	105	473	514	Kolkata	India
8	bat	0	1	0	by wickets	7	3	21	480	492	Hyderabad	India
4	bat	0	1	0	by wickets	9	3	122	470	476	Mumbai	India
7	bat	0	1	0	by runs	4	7	31	477	513	Mumbai	India
8	bat	0	1	0	by runs	31	8	60	486	476	Chennai	India
4	bat	0	1	0	by wickets	8	2	9	491	476	Bangalore	India
3	bat	0	1	0	by runs	55	3	20	482	492	Kolkata	India
6	bat	0	1	0	by wickets	5	3	18	478	488	Delhi	India
5	bat	0	1	0	by runs	34	5	211	477	513	Ahmedabad	India
7	bat	0	1	0	by wickets	7	2	9	482	485	Mumbai	India
8	bat	0	1	0	by runs	10	8	56	474	481	Cuttack	India
1	bat	0	1	0	by wickets	7	7	133	485	490	Mumbai	India
8	bat	0	1	0	by wickets	8	5	31	482	490	Ahmedabad	India
1	bat	0	1	0	by runs	39	1	87	478	489	Chandigarh	India

Showing 1 to 36 of 218 entries, 19 total columns

Code:

```
custom_data = data.frame(
  Name = c("Abhinav", "Tanush", "Sumathi"),
  English = c(45, 67, 87),
  Math = c(53, 65, 23)
)

gathered = custom_data %>% gather("Course", "Marks", 2:3)
View(gathered)
```

Output:

	Name	Course	Marks
1	Abhinav	English	45
2	Tanush	English	67
3	Sumathi	English	87
4	Abhinav	Math	53
5	Tanush	Math	65
6	Sumathi	Math	23

Showing 1 to 6 of 6 entries, 3 total columns

Code:

```
spread = gathered %>% spread("Course", "Marks")  
View(spread)
```

Output:

spread			
Filter			
	Name	English	Math
1	Abhinav	45	53
2	Sumathi	87	23
3	Tanush	67	65

Showing 1 to 3 of 3 entries, 3 total columns

Code:

```
grouped = data %>% group_by(Host_Country) %>%  
  summarise(count = n())  
View(grouped)
```

Output:

grouped		
Filter		
	Host_Country	count
1	India	500
2	South Africa	57
3	U.A.E	20

Showing 1 to 3 of 3 entries, 2 total columns

Code:

```
mutated = data %>% mutate(year=format(as.Date(data$Match_Date, format="%d-%b-%y"),
"%Y"))
View(mutated)
```

Output:

oss_Winner_Id	Toss_Decision	IS_Superover	IS_Result	Is_DuckWorthLewis	Win_Type	Won_By	Match_Winner_Id	Man_Of_The_Match_Id	First_Umpire_Id	Second_Umpire_Id	City_Name	Host_Country	year
2	field	0	1	0	by runs	140	1	2	470	477	Bangalore	India	2008
3	bat	0	1	0	by runs	33	3	19	471	487	Chandigarh	India	2008
5	bat	0	1	0	by wickets	9	6	90	472	512	Delhi	India	2008
7	bat	0	1	0	by wickets	5	2	11	473	476	Mumbai	India	2008
8	bat	0	1	0	by wickets	5	1	4	474	486	Kolkata	India	2008
4	bat	0	1	0	by wickets	6	5	32	472	513	Jaipur	India	2008
8	bat	0	1	0	by wickets	9	6	41	475	492	Hyderabad	India	2008
7	field	0	1	0	by runs	6	3	18	476	512	Chennai	India	2008
5	field	0	1	0	by wickets	3	5	31	470	471	Hyderabad	India	2008
7	field	0	1	0	by runs	66	4	26	472	492	Chandigarh	India	2008
5	field	0	1	0	by wickets	7	5	32	471	475	Bangalore	India	2008
1	bat	0	1	0	by wickets	9	3	22	474	479	Chennai	India	2008
8	field	0	1	0	by wickets	10	8	53	470	487	Mumbai	India	2008
6	bat	0	1	0	by wickets	4	4	28	477	514	Chandigarh	India	2008
3	bat	0	1	0	by runs	13	3	20	478	513	Bangalore	India	2008
1	bat	0	1	0	by wickets	7	7	44	474	479	Kolkata	India	2008
2	field	0	1	0	by runs	10	6	118	472	514	Delhi	India	2008
4	field	0	1	0	by wickets	7	4	100	478	513	Hyderabad	India	2008
5	bat	0	1	0	by runs	45	5	101	477	512	Jaipur	India	2008
3	bat	0	1	0	by wickets	8	6	41	474	486	Chennai	India	2008
8	bat	0	1	0	by wickets	5	2	81	470	477	Hyderabad	India	2008
4	bat	0	1	0	by runs	9	4	29	476	514	Chandigarh	India	2008
6	field	0	1	0	by runs	29	7	49	475	477	Mumbai	India	2008
3	bat	0	1	0	by wickets	8	5	102	470	479	Jaipur	India	2008
4	field	0	1	0	by wickets	6	4	77	473	478	Bangalore	India	2008
8	field	0	1	0	by wickets	7	8	53	471	513	Chennai	India	2008
7	field	0	1	0	by wickets	7	7	73	476	477	Mumbai	India	2008
3	field	0	1	0	by wickets	4	3	20	472	513	Delhi	India	2008
1	bat	0	1	0	by runs	5	1	1	470	475	Kolkata	India	2008
5	field	0	1	0	by wickets	8	5	31	471	492	Jaipur	India	2008
7	field	0	1	0	by wickets	9	7	149	474	479	Bangalore	India	2008
4	field	0	1	0	by runs	18	3	151	479	480	Chennai	India	2008
1	bat	0	1	0	by runs	23	1	1	475	492	Hyderabad	India	2008
5	field	0	1	0	by wickets	3	5	32	473	477	Jaipur	India	2008
2	bat	0	1	0	by wickets	9	4	100	478	514	Chandigarh	India	2008
1	bat	0	1	0	by runs	23	1	144	470	475	Kolkata	India	2008

Showing 1 to 36 of 577 entries, 20 total columns