

IPL DATASET ANALYSIS



	id	season	city	date	team1	team2	toss_winner	toss_decision	result	dl_applied
0	60	2008	Bangalore	18-04-2008	Kolkata Knight Riders	Royal Challengers Bangalore	Royal Challengers Bangalore	field	normal	0
1	61	2008	Chandigarh	19-04-2008	Chennai Super Kings	Kings XI Punjab	Chennai Super Kings	bat	normal	0
2	62	2008	Delhi	19-04-2008	Rajasthan Royals	Delhi Daredevils	Rajasthan Royals	bat	normal	0
3	63	2008	Mumbai	20-04-2008	Mumbai Indians	Royal Challengers Bangalore	Mumbai Indians	bat	normal	0
4	64	2008	Kolkata	20-04-2008	Deccan Chargers	Kolkata Knight Riders	Deccan Chargers	bat	normal	0
...
751	11347	2019	Mumbai	05-05-2019	Kolkata Knight Riders	Mumbai Indians	Mumbai Indians	field	normal	0
752	11412	2019	Chennai	07-05-2019	Chennai Super Kings	Mumbai Indians	Chennai Super Kings	bat	normal	0
753	11413	2019	Visakhapatnam	08-05-2019	Sunrisers Hyderabad	Delhi Capitals	Delhi Capitals	field	normal	0
754	11414	2019	Visakhapatnam	10-05-2019	Delhi Capitals	Chennai Super Kings	Chennai Super Kings	field	normal	0
755	11415	2019	Hyderabad	12-05-2019	Mumbai Indians	Chennai Super Kings	Mumbai Indians	bat	normal	0

756 rows × 18 columns

	id	season	city	date	team1	team2	toss_winner	toss_decision	result	dl_applied	winner
0	1216492	2020	Abu Dhabi	09/19/2020	MI	CSK	CSK	field	normal	0	CSK
1	1216493	2020	Dubai (DSC)	09/20/2020	DC	KXIP	KXIP	field	tie	0	DC
2	1216534	2020	Dubai (DSC)	09/21/2020	SRH	RCB	SRH	field	normal	0	RCB
3	1216496	2020	Sharjah	09/22/2020	RR	CSK	CSK	field	normal	0	RR
4	1216508	2020	Abu Dhabi	09/23/2020	KKR	MI	KKR	field	normal	0	MI
5	1216510	2020	Dubai (DSC)	09/24/2020	KXIP	RCB	RCB	field	normal	0	KXIP
6	1216539	2020	Dubai (DSC)	09/25/2020	CSK	DC	CSK	field	normal	0	DC
7	1216545	2020	Abu Dhabi	09/26/2020	KKR	SRH	SRH	bat	normal	0	KKR
8	1216527	2020	Sharjah	09/27/2020	RR	KXIP	RR	field	normal	0	RR
9	1216547	2020	Dubai (DSC)	09/28/2020	RCB	MI	MI	field	tie	0	RCB
10	1216532	2020	Abu Dhabi	09/29/2020	DC	SRH	DC	field	normal	0	SRH
11	1216504	2020	Dubai (DSC)	09/30/2020	RR	KKR	RR	field	normal	0	KKR
12	1216503	2020	Abu Dhabi	10-01-20	KXIP	MI	KXIP	field	normal	0	MI

	id	season	city	date	team1	team2	toss_winner	toss_decision	result	dl_applied	winner
13	1216516	2020	Dubai (DSC)	10-02-20	CSK	SRH	SRH	bat	normal	0	SRH
14	1216514	2020	Abu Dhabi	10-03-20	RCB	RR	RR	bat	normal	0	RCB
15	1216515	2020	Sharjah	10-03-20	DC	KKR	KKR	field	normal	0	DC
16	1216538	2020	Sharjah	10-04-20	MI	SRH	MI	bat	normal	0	MI
17	1216513	2020	Dubai (DSC)	10-04-20	KXIP	CSK	KXIP	bat	normal	0	CSK
18	1216519	2020	Dubai (DSC)	10-05-20	RCB	DC	RCB	field	normal	0	DC
19	1216511	2020	Abu Dhabi	10-06-20	MI	RR	MI	bat	normal	0	MI
20	1216501	2020	Abu Dhabi	10-07-20	KKR	CSK	KKR	bat	normal	0	KKR
21	1216542	2020	Dubai (DSC)	10-08-20	SRH	KXIP	SRH	bat	normal	0	SRH
22	1216500	2020	Sharjah	10-09-20	RR	DC	RR	field	normal	0	DC
23	1216523	2020	Abu Dhabi	10-10-20	KXIP	KKR	KKR	bat	normal	0	KKR
24	1216525	2020	Dubai (DSC)	10-10-20	CSK	RCB	RCB	bat	normal	0	RCB
25	1216507	2020	Dubai (DSC)	10-11-20	SRH	RR	SRH	bat	normal	0	RR
26	1216529	2020	Abu Dhabi	10-11-20	MI	DC	DC	bat	normal	0	MI

	id	season	city	date	team1	team2	toss_winner	toss_decision	result	dl_applied	winner
27	1216540	2020	Sharjah	10-12-20	RCB	KKR	RCB	bat	normal	0	RCB
28	1216528	2020	Dubai (DSC)	10-13-2020	SRH	CSK	CSK	bat	normal	0	CSK
29	1216543	2020	Dubai (DSC)	10-14-2020	DC	RR	DC	bat	normal	0	DC
30	1216531	2020	Sharjah	10-15-2020	RCB	KXIP	RCB	bat	normal	0	KXIP
31	1216526	2020	Abu Dhabi	10-16-2020	MI	KKR	KKR	bat	normal	0	MI
32	1216522	2020	Dubai (DSC)	10-17-2020	RR	RCB	RR	bat	normal	0	RCB
33	1216509	2020	Sharjah	10-17-2020	DC	CSK	CSK	bat	normal	0	DC
34	1216512	2020	Abu Dhabi	10-18-2020	SRH	KKR	SRH	field	tie	0	KKR
35	1216517	2020	Dubai (DSC)	10-18-2020	MI	KXIP	MI	bat	tie	0	KXIP
36	1216533	2020	Abu Dhabi	10-19-2020	CSK	RR	CSK	bat	normal	0	RR
37	1216546	2020	Dubai (DSC)	10-20-2020	KXIP	DC	DC	bat	normal	0	KXIP
38	1216494	2020	Abu Dhabi	10-21-2020	KKR	RCB	KKR	bat	normal	0	RCB
39	1216518	2020	Dubai (DSC)	10-22-2020	RR	SRH	SRH	field	normal	0	SRH
40	1216521	2020	Sharjah	10-23-2020	CSK	MI	MI	field	normal	0	MI

	id	season	city	date	team1	team2	toss_winner	toss_decision	result	dl_applied	winner
41	1216497	2020	Abu Dhabi	10-24-2020	KKR	DC	DC	field	normal	0	KKR
42	1216498	2020	Dubai (DSC)	10-24-2020	KXIP	SRH	SRH	field	normal	0	KXIP
43	1216544	2020	Dubai (DSC)	10-25-2020	RCB	CSK	RCB	bat	normal	0	CSK
44	1216541	2020	Abu Dhabi	10-25-2020	RR	MI	MI	bat	normal	0	RR
45	1216520	2020	Sharjah	10-26-2020	KKR	KXIP	KXIP	field	normal	0	KXIP
46	1216524	2020	Dubai (DSC)	10-27-2020	SRH	DC	DC	field	normal	0	SRH
47	1216499	2020	Abu Dhabi	10-28-2020	MI	RCB	MI	field	normal	0	MI
48	1216536	2020	Dubai (DSC)	10-29-2020	CSK	KKR	CSK	field	normal	0	CSK
49	1216537	2020	Abu Dhabi	10-30-2020	KXIP	RR	RR	field	normal	0	RR
50	1216535	2020	Dubai (DSC)	10-31-2020	DC	MI	MI	field	normal	0	MI
51	1216502	2020	Sharjah	10-31-2020	RCB	SRH	SRH	field	normal	0	SRH
52	1216506	2020	Abu Dhabi	11-01-20	CSK	KXIP	CSK	field	normal	0	CSK
53	1216530	2020	Dubai (DSC)	11-01-20	KKR	RR	RR	field	normal	0	KKR

	id	season	city	date	team1	team2	toss_winner	toss_decision	result	dl_applied	winner
54	1216505	2020	Abu Dhabi	11-02-20	DC	RCB	DC	field	normal	0	DC
55	1216495	2020	Sharjah	11-03-20	SRH	MI	SRH	field	normal	0	SRH
56	1237177	2020	Dubai (DSC)	11-05-20	DC	MI	DC	field	normal	0	MI
57	1237178	2020	Abu Dhabi	11-06-20	RCB	SRH	SRH	field	normal	0	SRH
58	1237180	2020	Abu Dhabi	11-08-20	DC	SRH	DC	bat	normal	0	DC
59	1237181	2020	Dubai (DSC)	11-10-20	DC	MI	DC	bat	normal	0	MI

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	id	season	city	date	team1	team2	toss_winner	toss_decision	result	dl_applied
0	60	2008	Bangalore	18-04-2008	Kolkata Knight Riders	Royal Challengers Bangalore	Royal Challengers Bangalore	field	normal	0
1	61	2008	Chandigarh	19-04-2008	Chennai Super Kings	Kings XI Punjab	Chennai Super Kings	bat	normal	0
2	62	2008	Delhi	19-04-2008	Rajasthan Royals	Delhi Daredevils	Rajasthan Royals	bat	normal	0
3	63	2008	Mumbai	20-04-2008	Mumbai Indians	Royal Challengers Bangalore	Mumbai Indians	bat	normal	0 C
4	64	2008	Kolkata	20-04-2008	Deccan Chargers	Kolkata Knight Riders	Deccan Chargers	bat	normal	0
...
811	1216495	2020	Sharjah	11-03-20	SRH	MI	SRH	field	normal	0
812	1237177	2020	Dubai (DSC)	11-05-20	DC	MI	DC	field	normal	0

	id	season	city	date	team1	team2	toss_winner	toss_decision	result	dl_applied
813	1237178	2020	Abu Dhabi	11-06-20	RCB	SRH	SRH	field	normal	0
814	1237180	2020	Abu Dhabi	11-08-20	DC	SRH	DC	bat	normal	0
815	1237181	2020	Dubai (DSC)	11-10-20	DC	MI	DC	bat	normal	0

816 rows × 18 columns

**TEAM NAMES With Short Names**

MI: 'Mumbai Indians',
 KKR: 'Kolkata Knight Riders',
 CSK: 'Chennai Super Kings',
 RCB: 'Royal Challengers Bangalore',
 KXIP: 'Kings XI Punjab',
 RR: 'Rajasthan Royals',
 DD: 'Delhi Daredevils',
 SRH: 'Sunrisers Hyderabad',
 DC: 'Deccan Chargers',
 PWI: 'Pune Warriors',
 GL: 'Gujarat Lions',
 DCa: 'Delhi Capitals',
 KTK: 'Kochi Tuskers Kerala',
 RPS: 'Rising Pune Supergiants'

DESCRIPTION OF DATA

Season: Year in which ipl held
 city: City where matches were held
 date: Date on which matches were held
 team1: Name of First Team
 team2: Name of Second Team
 toss_winner: Team winning the toss
 toss_decision: Team's decision after winning toss
 bat
 or
 field
 result: normal
 or
 tie
 or
 no result
 dl_applied: Duckworth Lewis Rule applied or not
 0 for no,
 1 for yes
 winner: Winning Team
 win_by_runs: Team Winning by how much runs, 0 in case of winning by wickets
 win_by_wickets: Team Winning by how much wickets, 0 in case of winning by runs
 player_of_match: Player of tha match
 venue: Stadium name where match was held

```
umpire1: Name of first Umpire
umpire2: Name of Second Umpire
```

```
2013    76
2012    74
2011    73
2020    60
2019    60
2018    60
2016    60
2014    60
2010    60
2017    59
2015    59
2008    58
2009    57
Name: season, dtype: int64
```

```
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RangeIndex: 816 entries, 0 to 815
Data columns (total 18 columns):
 #   Column           Non-Null Count  Dtype  
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 0   id               816 non-null    int64  
 1   season            816 non-null    int64  
 2   city              809 non-null    object  
 3   date              816 non-null    object  
 4   team1             816 non-null    object  
 5   team2             816 non-null    object  
 6   toss_winner        816 non-null    object  
 7   toss_decision     816 non-null    object  
 8   result             816 non-null    object  
 9   dl_applied         816 non-null    int64  
 10  winner            812 non-null    object  
 11  win_by_runs       816 non-null    int64  
 12  win_by_wickets    816 non-null    int64  
 13  player_of_match   812 non-null    object  
 14  venue              816 non-null    object  
 15  umpire1            814 non-null    object  
 16  umpire2            814 non-null    object  
 17  umpire3            179 non-null    object  
dtypes: int64(5), object(13)
memory usage: 114.9+ KB
```

Changing team names as there are double team name with short forms

```
['Mumbai Indians',
 'Kolkata Knight Riders',
 'Chennai Super Kings',
 'Kings XI Punjab',
 'Royal Challengers Bangalore',
 'Delhi Daredevils',
 'Rajasthan Royals',
 'Sunrisers Hyderabad',
 'Deccan Chargers',
 'Pune Warriors',
 'Gujarat Lions',
 'SRH',
 'DC',
 'Delhi Capitals',
 'Kochi Tuskers Kerala',
 'CSK',
 'MI',
 'RR',
 'Rising Pune Supergiants',
 'KKR',
 'RCB',
```

```
'Rising Pune Supergiant',
'KXIP']
```

```
if we see "a", it will look like
['Mumbai Indians',
'Kolkata Knight Riders',
'Chennai Super Kings',
'Kings XI Punjab',
'Royal Challengers Bangalore',
'Rajasthan Royals',
'Delhi Daredevils',
'Sunrisers Hyderabad',
'Deccan Chargers',
'Pune Warriors',
'Gujarat Lions',
'SRH',
'DC',
'Delhi Capitals',
'MI',
'CSK',
'Kochi Tuskers Kerala',
'RR',
'Rising Pune Supergiants',
'KKR',
'RCB',
'Rising Pune Supergiant',
'KXIP']
```

So basically Srh and sunrisers hyderabad are same,
Dc and delhi capitals are same and many others

So We change it accordingly

```
['MI',
'KKR',
'CSK',
'RCB',
'RR',
'KXIP',
'DD',
'SRH',
'DC',
'PWI',
'GL',
'Delhi Capitals',
'Kochi Tuskers Kerala',
'Rising Pune Supergiants',
'Rising Pune Supergiant']
```

```
['MI',
'KKR',
'CSK',
'RCB',
'RR',
'KXIP',
```

```
'DD',
'SRH',
'DC',
'PWI',
'GL',
'RPS',
'DCa',
'KTK']
```

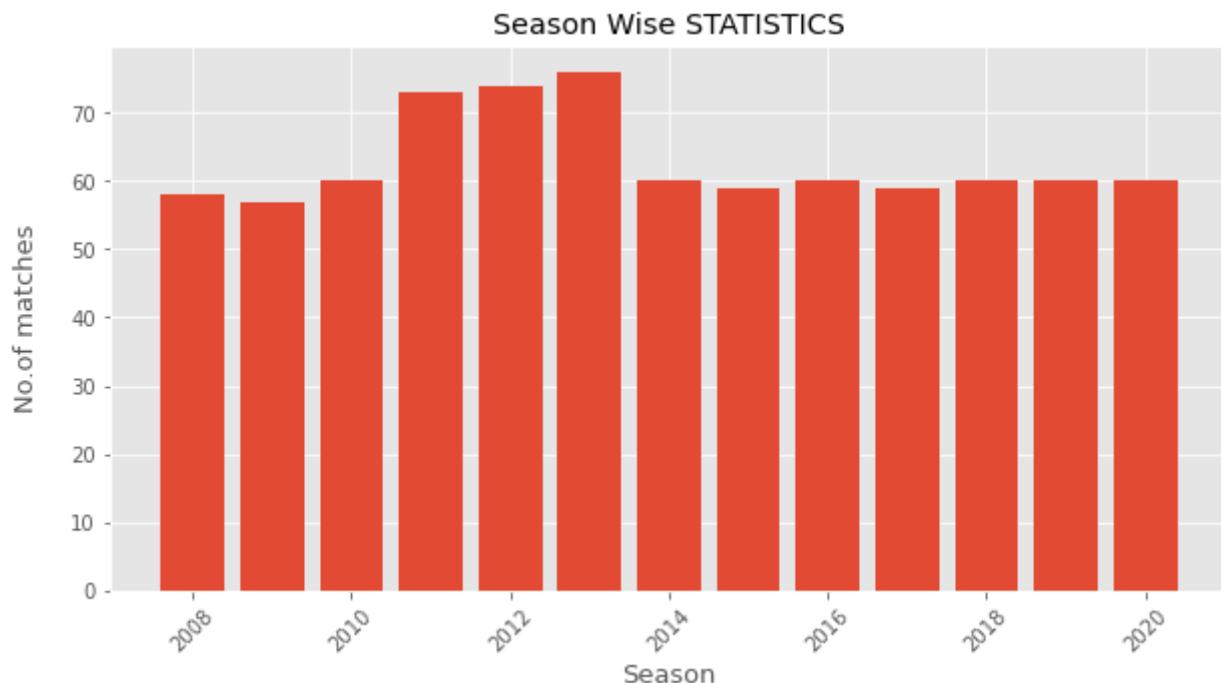
Matches played in Season wise

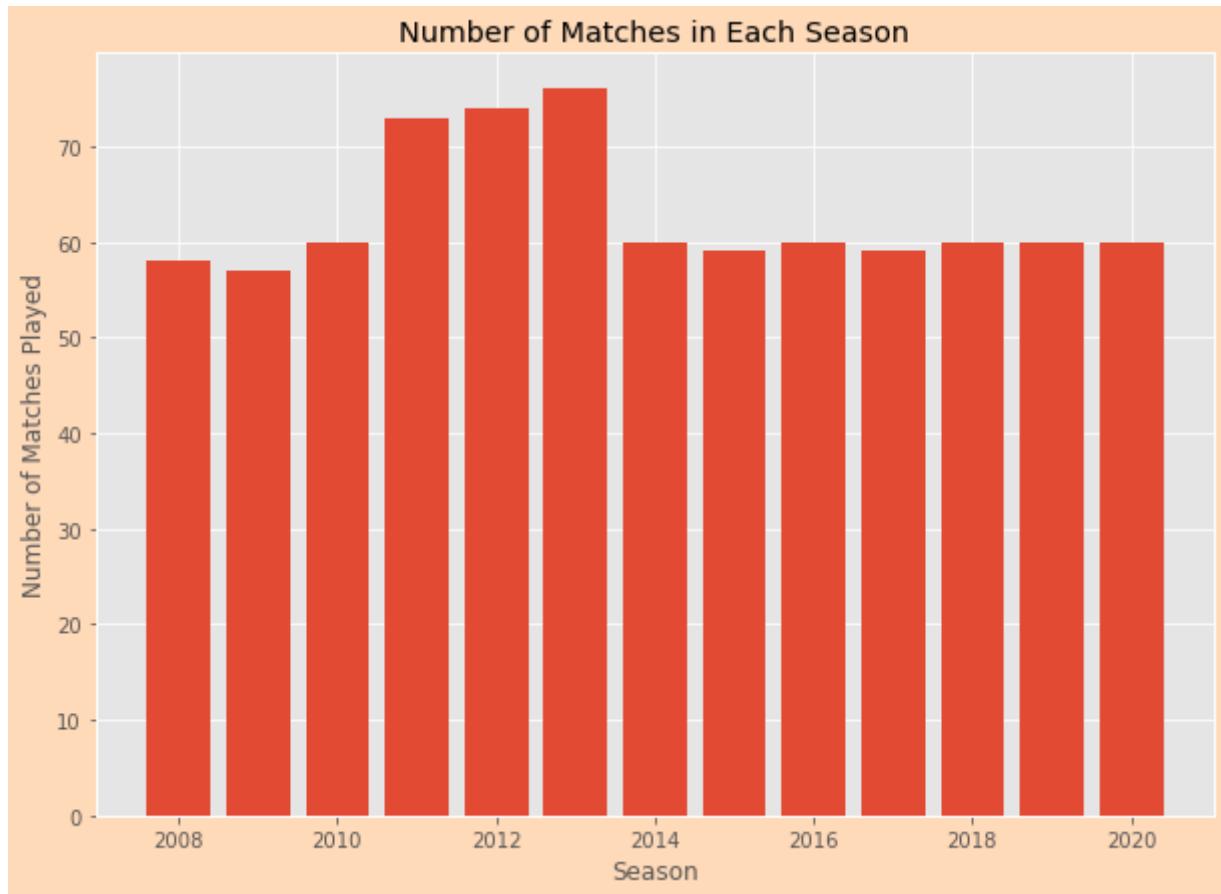
```
2013    76
2012    74
2011    73
2020    60
2019    60
2018    60
2016    60
2014    60
2010    60
2017    59
2015    59
2008    58
2009    57
```

Name: season, dtype: int64

[2013, 2012, 2011, 2020, 2019, 2018, 2016, 2014, 2010, 2017, 2015, 2008, 2009]

Text(0.5, 1.0, 'Season Wise STATISTICS')





```
2013 2012 2011 2020 2019 2018 2016 2014 2010 2017 2015 2008 2009
```

season	76	74	73	60	60	60	60	60	59	59	58	57
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- As one can see maximum number of matches played in 2011, 2012, 2013. This is the time was in very high demand.

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Matches Played on different venues ? select top 10

Eden Gardens	77
Wankhede Stadium	73
M Chinnaswamy Stadium	73
Feroz Shah Kotla	67
Rajiv Gandhi International Stadium, Uppal	56
MA Chidambaram Stadium, Chepauk	49
Sawai Mansingh Stadium	47
Punjab Cricket Association Stadium, Mohali	35
Dubai International Cricket Stadium	33
Sheikh Zayed Stadium, Abu Dhabi	22

Name: venue, dtype: int64

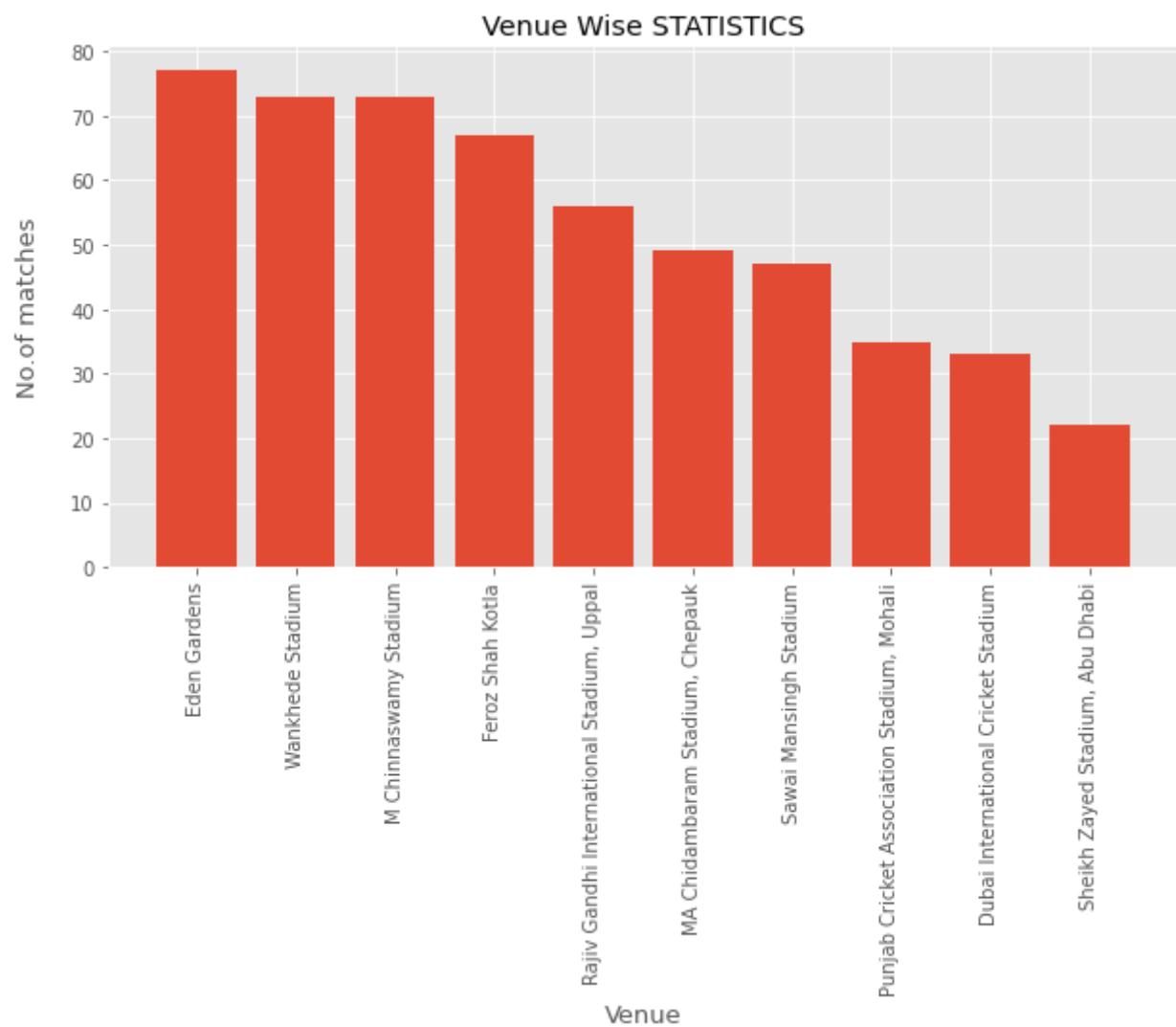
Eden Gardens	77
Wankhede Stadium	73
M Chinnaswamy Stadium	73
Feroz Shah Kotla	67
Rajiv Gandhi International Stadium, Uppal	56
MA Chidambaram Stadium, Chepauk	49
Sawai Mansingh Stadium	47
Punjab Cricket Association Stadium, Mohali	35
Dubai International Cricket Stadium	33
Sheikh Zayed Stadium, Abu Dhabi	22

Maharashtra Cricket Association Stadium	21
Sharjah Cricket Stadium	18
Dr DY Patil Sports Academy	17
Subrata Roy Sahara Stadium	17
Kingsmead	15
Punjab Cricket Association IS Bindra Stadium, Mohali	14
SuperSport Park	12
Sardar Patel Stadium, Motera	12
Brabourne Stadium	11
Dr. Y.S. Rajasekhara Reddy ACA-VDCA Cricket Stadium	11
Saurashtra Cricket Association Stadium	10
Holkar Cricket Stadium	9
Himachal Pradesh Cricket Association Stadium	9
New Wanderers Stadium	8
Rajiv Gandhi Intl. Cricket Stadium	8
M. A. Chidambaram Stadium	8
Barabati Stadium	7
JSCA International Stadium Complex	7
IS Bindra Stadium	7
M. Chinnaswamy Stadium	7
Newlands	7
St George's Park	7
Feroz Shah Kotla Ground	7
Sheikh Zayed Stadium	7
Shaheed Veer Narayan Singh International Stadium	6
Nehru Stadium	5
Green Park	4
Buffalo Park	3
De Beers Diamond Oval	3
Vidarbha Cricket Association Stadium, Jamtha	3
OUTsurance Oval	2
ACA-VDCA Stadium	2

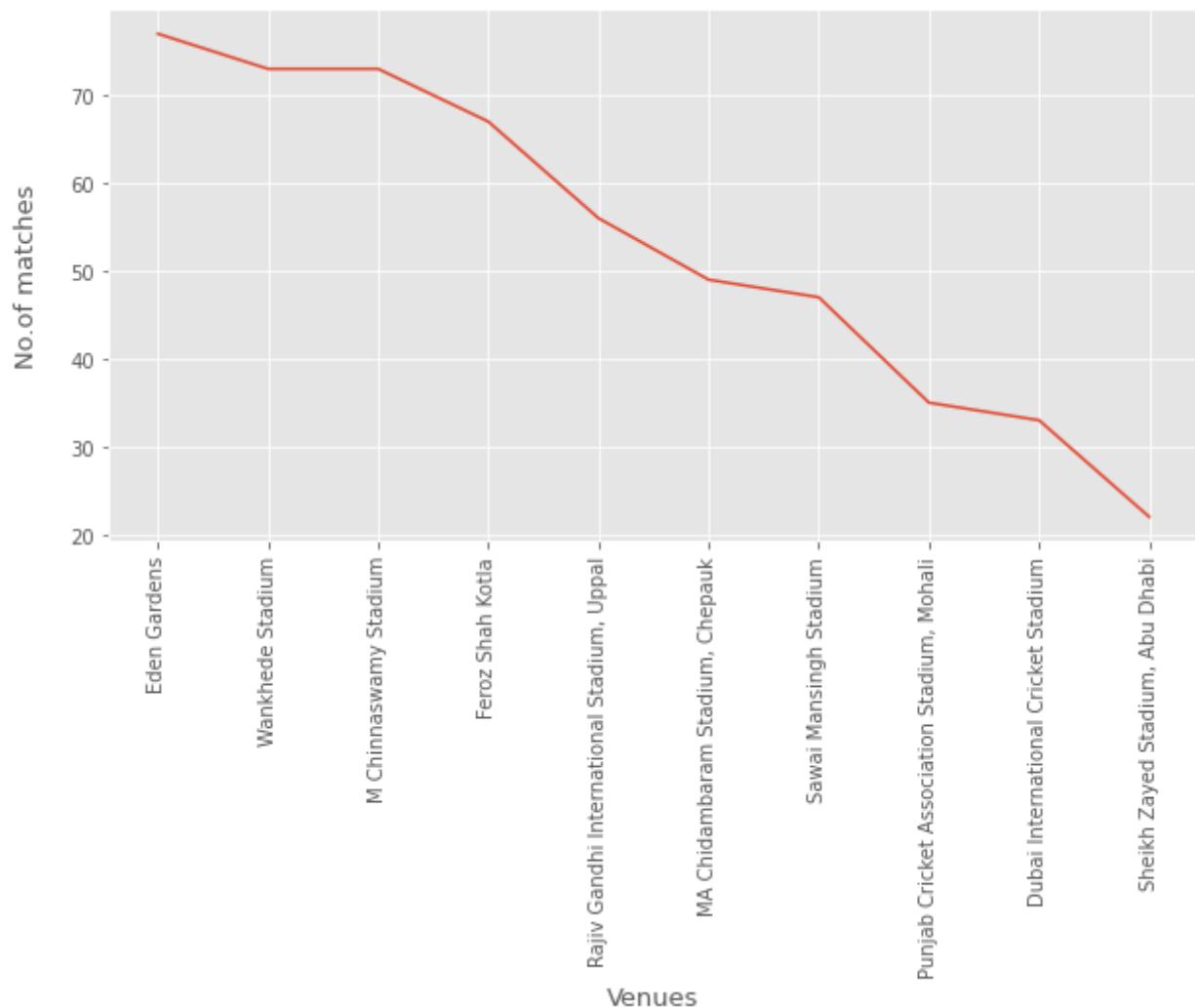
Name: venue, dtype: int64

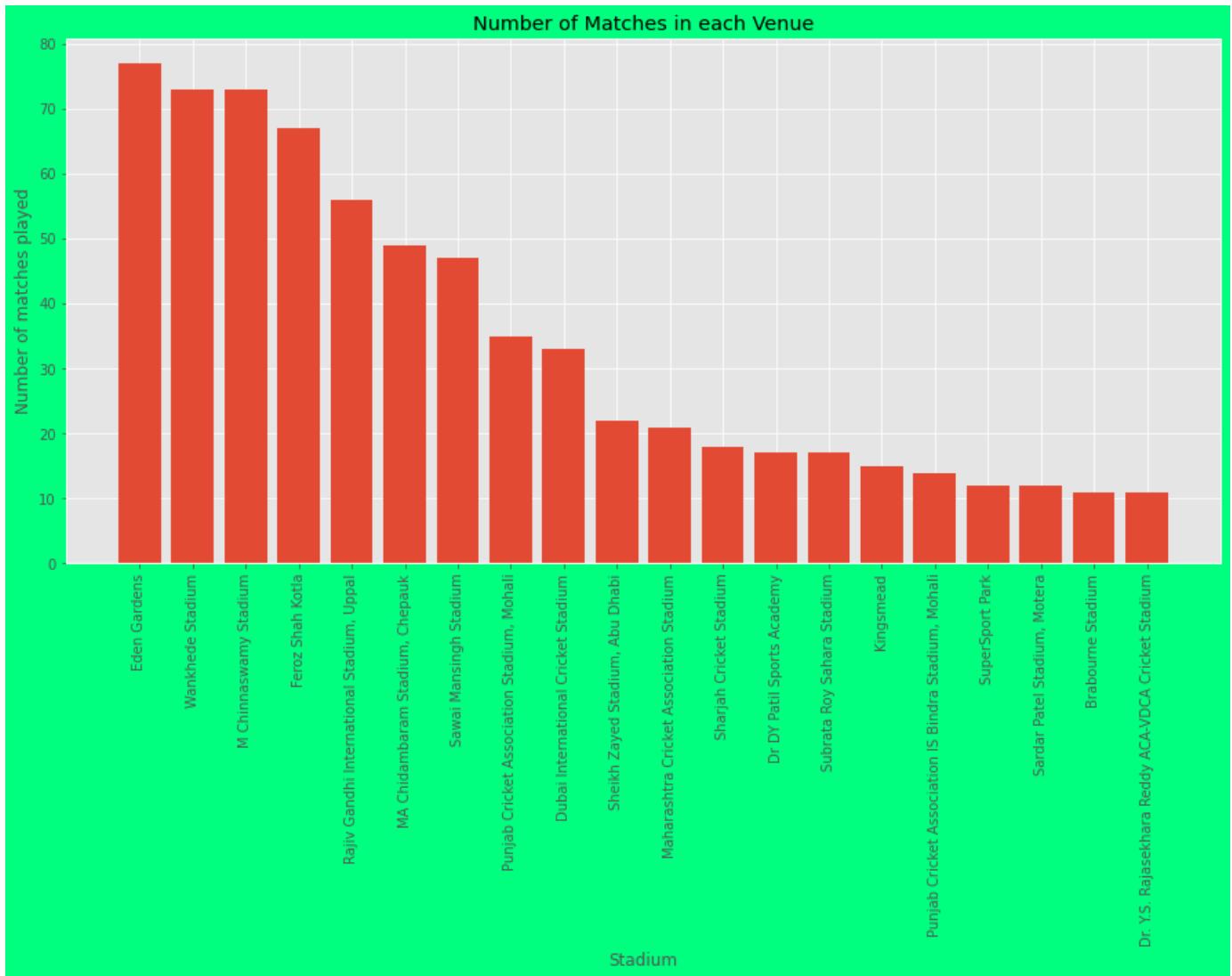
```
[ 'Eden Gardens',
  'Wankhede Stadium',
  'M Chinnaswamy Stadium',
  'Feroz Shah Kotla',
  'Rajiv Gandhi International Stadium, Uppal',
  'MA Chidambaram Stadium, Chepauk',
  'Sawai Mansingh Stadium',
  'Punjab Cricket Association Stadium, Mohali',
  'Dubai International Cricket Stadium',
  'Sheikh Zayed Stadium, Abu Dhabi']
```

Text(0.5, 1.0, 'Venue Wise STATISTICS')



Text(0.5, 1.0, 'Venue Wise STATISTICS')

Venue Wise STATISTICS



- The maximum matches played on M Chinnaswamy stadium.



* Other favorite stadiums are Eden Gardens(Lords of India :p) , Feroz Shah Kotla, Wankhede stadium.

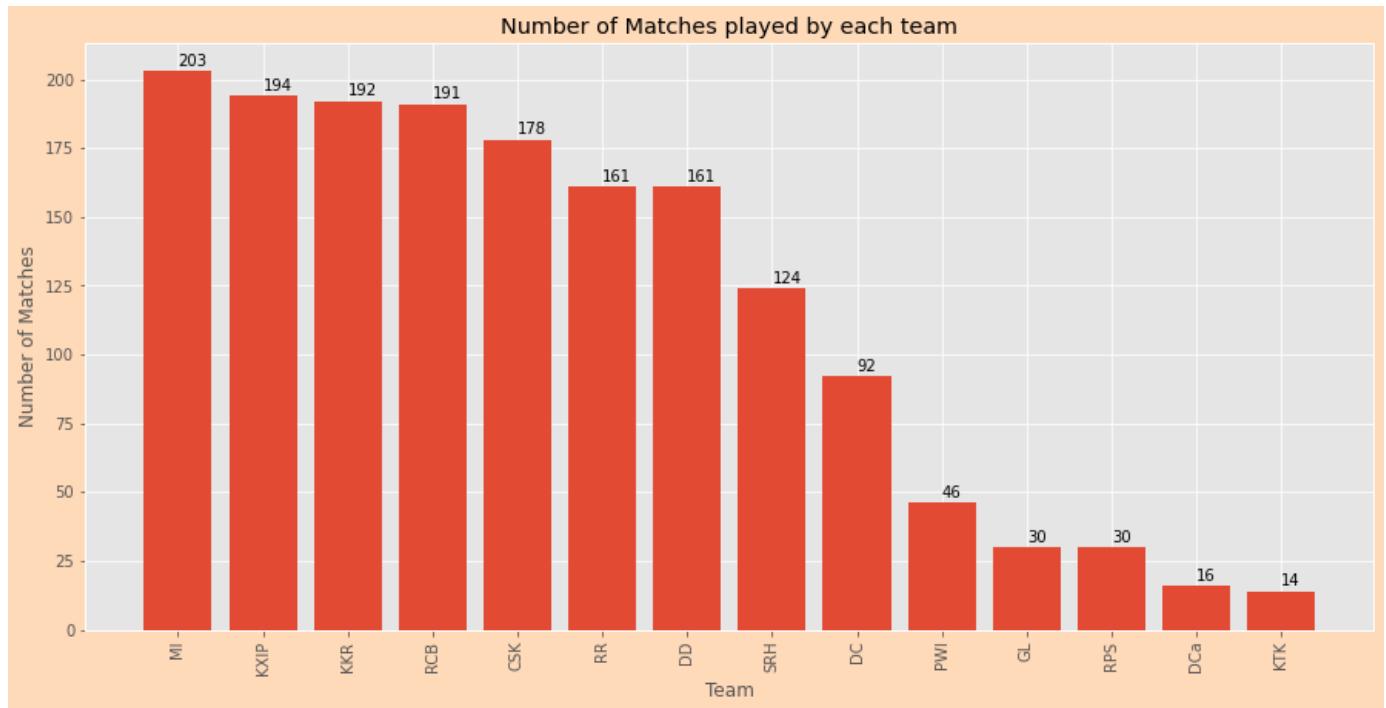


Number of matches played by each team.

MI	203
KXIP	194

KKR	192
RCB	191
CSK	178
RR	161
DD	161
SRH	124
DC	92
PWI	46
GL	30
RPS	30
DCa	16
KTK	14

dtype: int64

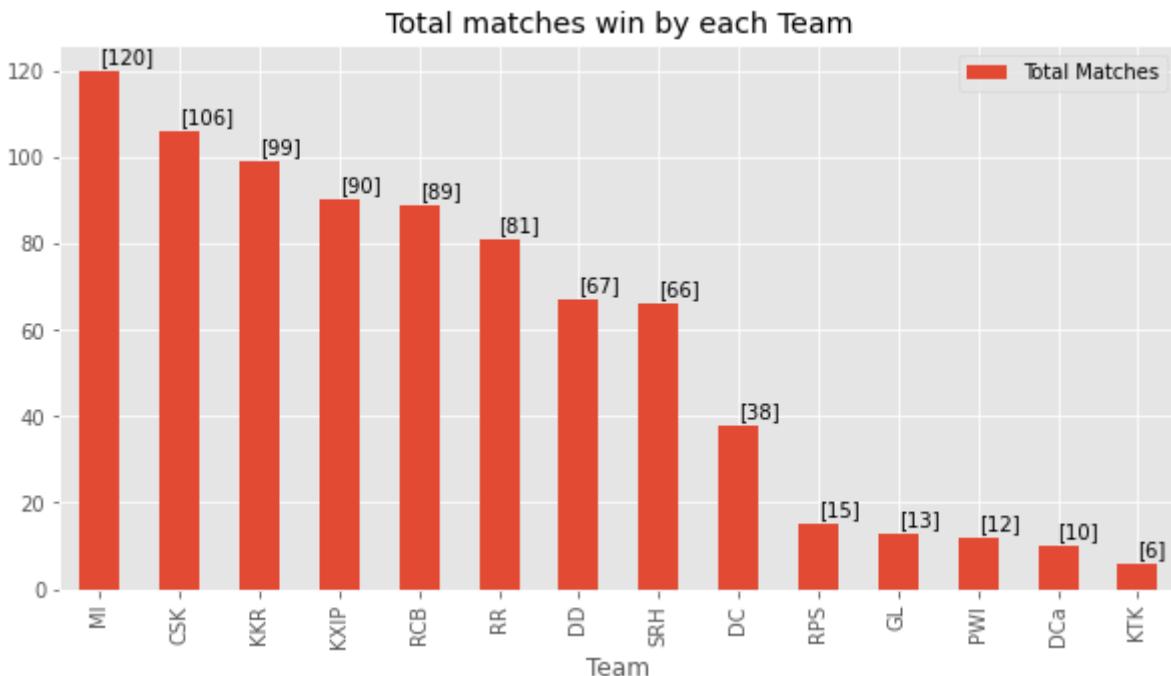


- Maximum number of matches played by Mumbai Indians, RCB, KKR.



Number of Total Matches wins per Team.

```
C:\Users\hp\anaconda3\lib\site-packages\matplotlib\text.py:1163: FutureWarning: elementwise comparison failed; returning scalar instead, but in the future will perform elementwise comparison
  if s != self._text:
```



The conclusions from figure:-

- Mumbai Indians leads the total matches won by a team.



- Chennai Super kings,KKR they are also in a race.
- RR and DD they are far behind

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Champion in each season.

season	winner
0	2008 RR
1	2009 DC
2	2010 CSK
3	2011 CSK
4	2012 KKR
5	2013 MI
6	2014 KKR
7	2015 MI
8	2016 SRH

season winner

9	2017	MI
10	2018	CSK
11	2019	MI
12	2020	MI



Team winning Match after winning toss?

MI	106
KKR	98
CSK	97
RCB	87
RR	87
KXIP	85

DD	80
SRH	57
DC	53
PWI	20
GL	15
RPS	13
DCa	10
KTK	8

Name: toss_winner, dtype: int64

MI	120
CSK	106
KKR	99
KXIP	90
RCB	89
RR	81
DD	67
SRH	66
DC	38
RPS	15
GL	13
PWI	12
DCa	10
KTK	6

Name: winner, dtype: int64

	id	season		city	date	team1	team2	toss_winner	toss_decision	result	dl_applied	winner
1	61	2008	Chandigarh	19-04-2008		CSK	RCB	CSK		bat	normal	0 CSK
8	68	2008	Hyderabad	24-04-2008		DC	RR	RR		field	normal	0 RR
10	70	2008	Bangalore	26-04-2008		KXIP	RR	RR		field	normal	0 RR
12	72	2008	Mumbai	27-04-2008		MI	DC	DC		field	normal	0 DC
14	74	2008	Bangalore	28-04-2008		CSK	KXIP	CSK		bat	normal	0 CSK
...
808	1216506	2020	Abu Dhabi	11-01-20		CSK	KXIP	CSK		field	normal	0 CSK
810	1216505	2020	Abu Dhabi	11-02-20		DC	RCB	DC		field	normal	0 DC
811	1216495	2020	Sharjah	11-03-20		SRH	MI	SRH		field	normal	0 SRH
813	1237178	2020	Abu Dhabi	11-06-20		RCB	SRH	SRH		field	normal	0 SRH

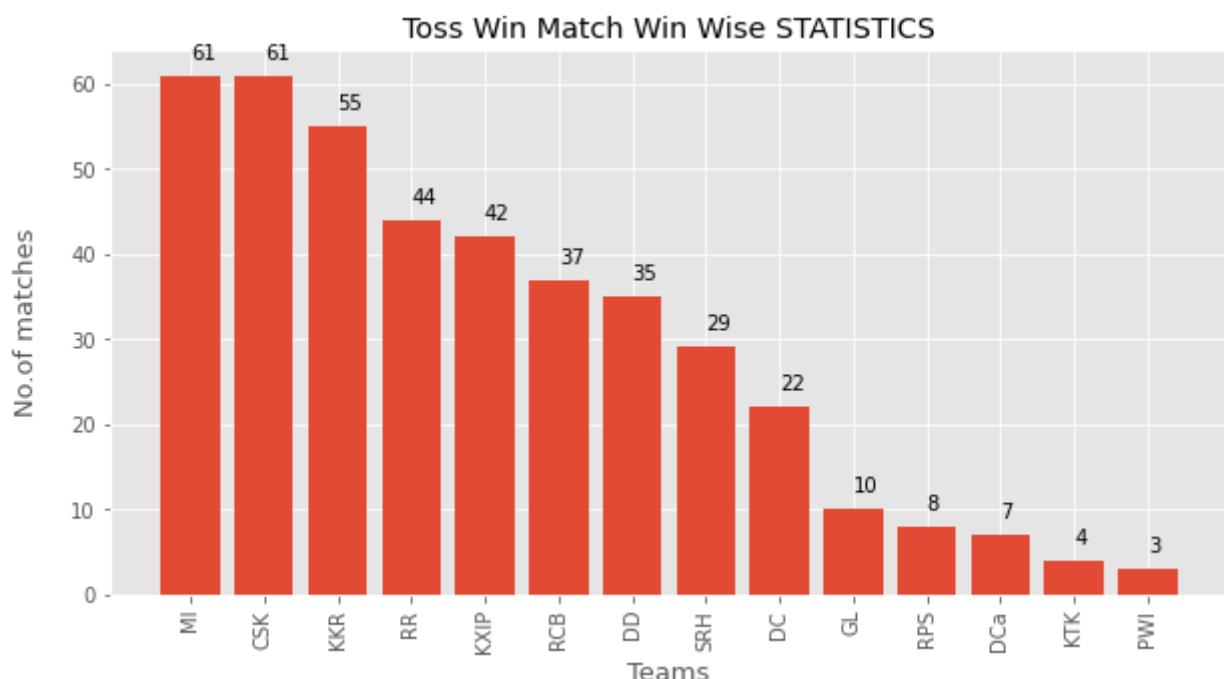
	id	season		city	date	team1	team2	toss_winner	toss_decision	result	dl_applied	winner
814	1237180	2020		Abu Dhabi	11-08-20	DC	SRH	DC		bat	normal	0 DC

418 rows × 18 columns



MI	61
CSK	61
KKR	55
RR	44
KXIP	42
RCB	37
DD	35
SRH	29
DC	22
GL	10
RPS	8
DCa	7
KTK	4
PWI	3

Name: winner, dtype: int64



- Csk And MI are the teams that has won maximum number of matches after winning toss



Team winning Match after winning toss and choosing bat?

CSK	31
MI	27
KKR	17
RR	15
DC	13

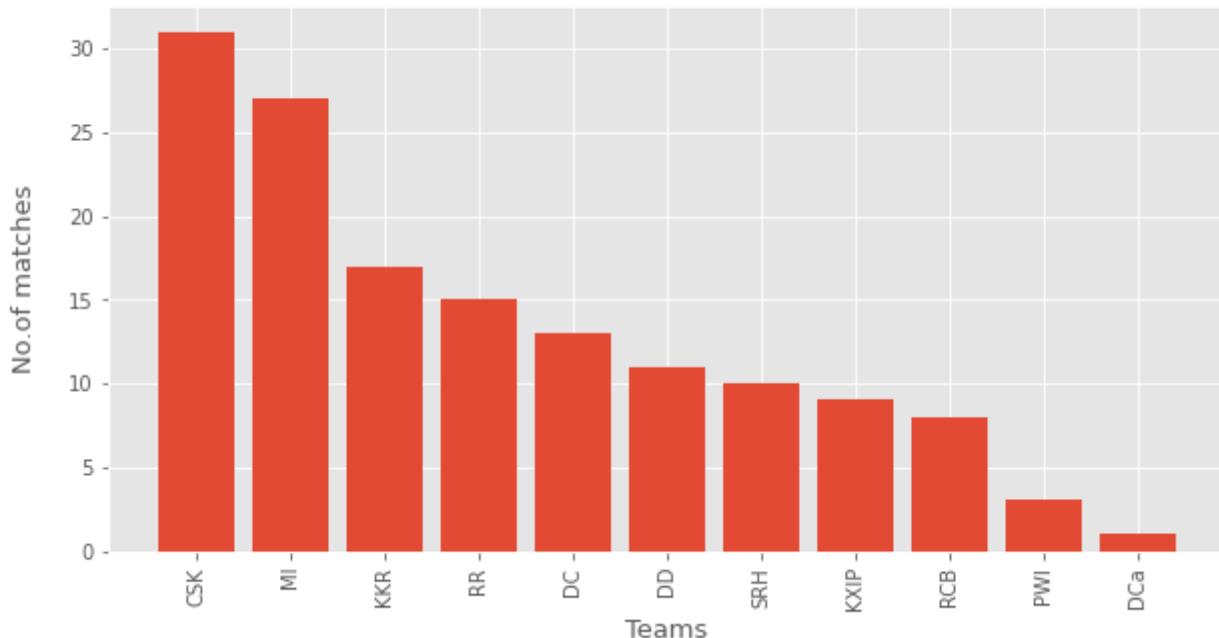
```

DD      11
SRH     10
KXIP    9
RCB     8
PWI     3
DCa     1
Name: winner, dtype: int64

```

Text(0.5, 1.0, 'Toss Win Match Win Decision:-Bat STATISTICS')

Toss Win Match Win Decision:-Bat STATISTICS



Csk has won maximum number of matches after winning toss and choosing bat.....ie... CSK loves to bat first

####

Team winning Match after winning toss and choosing field?

	id	season	city	date	team1	team2	toss_winner	toss_decision	result	dl_applied	winner
8	68	2008	Hyderabad	24-04-2008	DC	RR	RR	field	normal	0	RR
10	70	2008	Bangalore	26-04-2008	KXIP	RR	RR	field	normal	0	RR
12	72	2008	Mumbai	27-04-2008	MI	DC	DC	field	normal	0	DC
17	77	2008	Hyderabad	01-05-2008	DC	RCB	RCB	field	normal	0	RCB

	id	season	city	date	team1	team2	toss_winner	toss_decision	result	dl_applied	winner
24	84	2008	Bangalore	05-05-2008	KXIP	RCB	RCB	field	normal	0	RCB
...
807	1216502	2020	Sharjah	10-31-2020	RCB	SRH	SRH	field	normal	0	SRH
808	1216506	2020	Abu Dhabi	11-01-20	CSK	KXIP	CSK	field	normal	0	CSK
810	1216505	2020	Abu Dhabi	11-02-20	DC	RCB	DC	field	normal	0	DC
811	1216495	2020	Sharjah	11-03-20	SRH	MI	SRH	field	normal	0	SRH
813	1237178	2020	Abu Dhabi	11-06-20	RCB	SRH	SRH	field	normal	0	SRH

273 rows × 18 columns

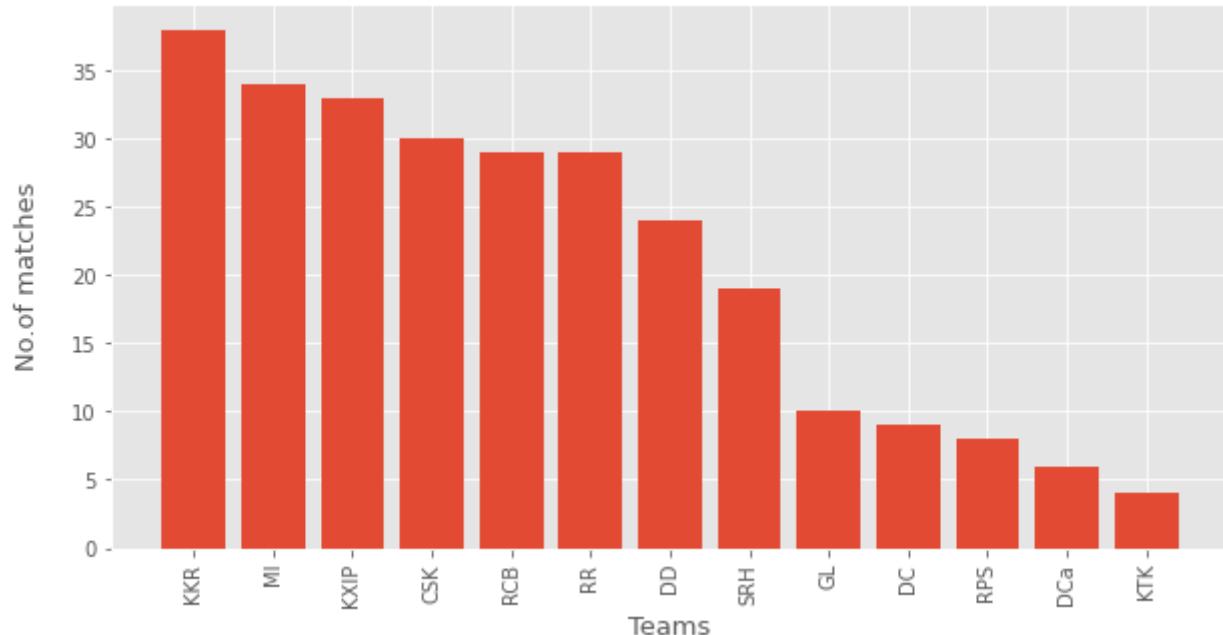
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KKR	38
MI	34
KXIP	33
CSK	30
RCB	29
RR	29
DD	24
SRH	19
GL	10
DC	9
RPS	8
DCa	6
KTK	4

Name: winner, dtype: int64

Text(0.5, 1.0, 'Toss Win Match Win Decision:-Field STATISTICS')

Toss Win Match Win Decision:-Field STATISTICS



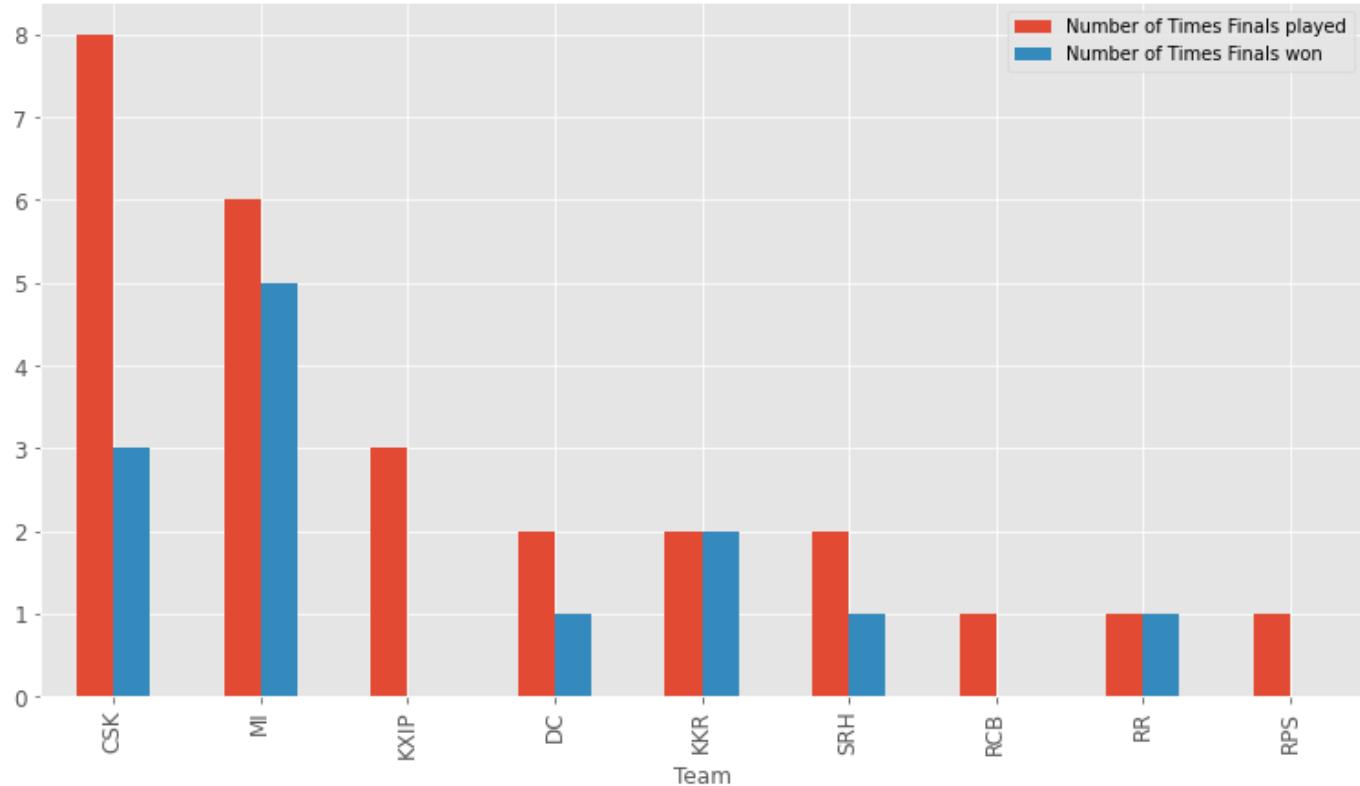
Kkr has won maximum number of matches after winning toss and choosing field.....ie... CSK loves to field first



Number of times each team played final and number of times they won matches

	season	team1	team2	winner
57	2008	CSK	RR	RR
114	2009	DC	KXIP	DC
174	2010	CSK	MI	CSK
247	2011	CSK	KXIP	CSK
321	2012	CSK	KKR	KKR
397	2013	MI	CSK	MI
457	2014	RCB	KKR	KKR
516	2015	MI	CSK	MI
576	2016	SRH	KXIP	SRH
635	2017	MI	RPS	MI
695	2018	SRH	CSK	CSK
755	2019	MI	CSK	MI
815	2020	DC	MI	MI

Team played in finals and their wins



- Chennai super kings played the maximum number of times 6 in finals. (CSK rocks),

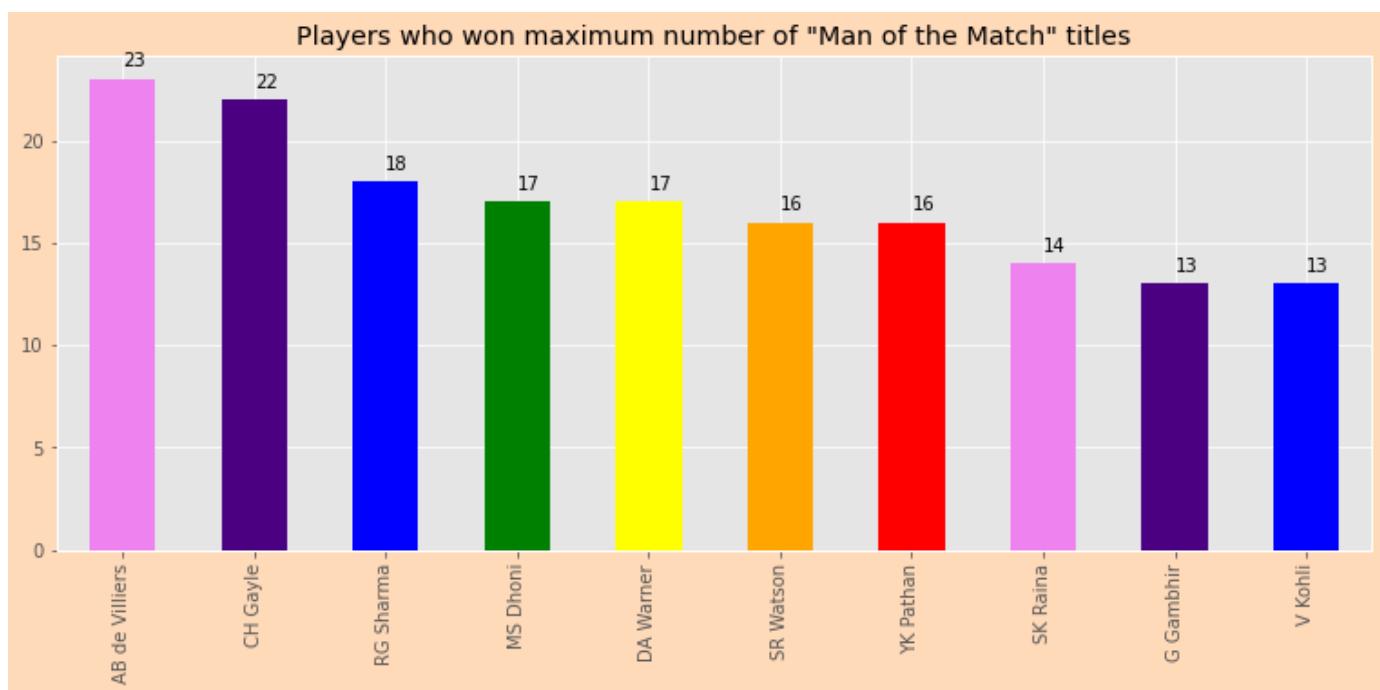
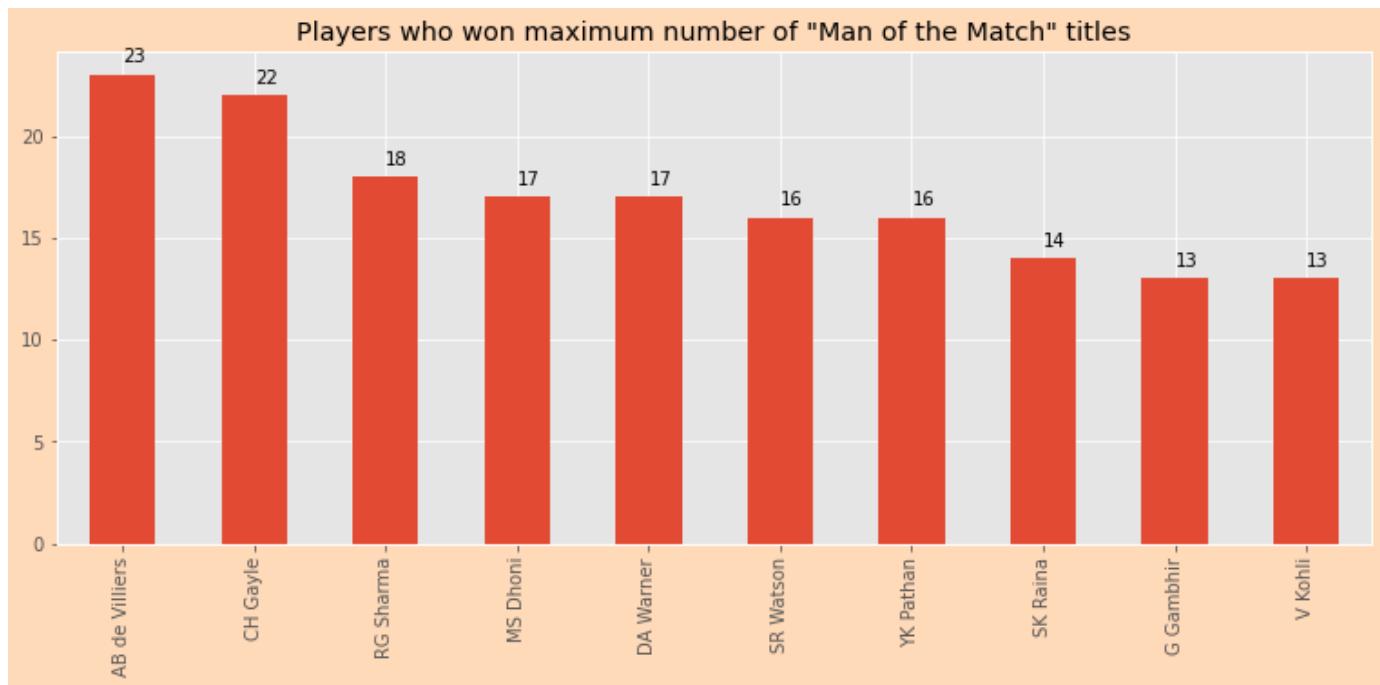


, And Mumbai Indians

won 5 seasons, which is the maximum number of times a team won IPL



Top 10 players who won the maximum number of times , Man of the match title.



As expected ,AB De Villiers have maximum number of man of the match titles.

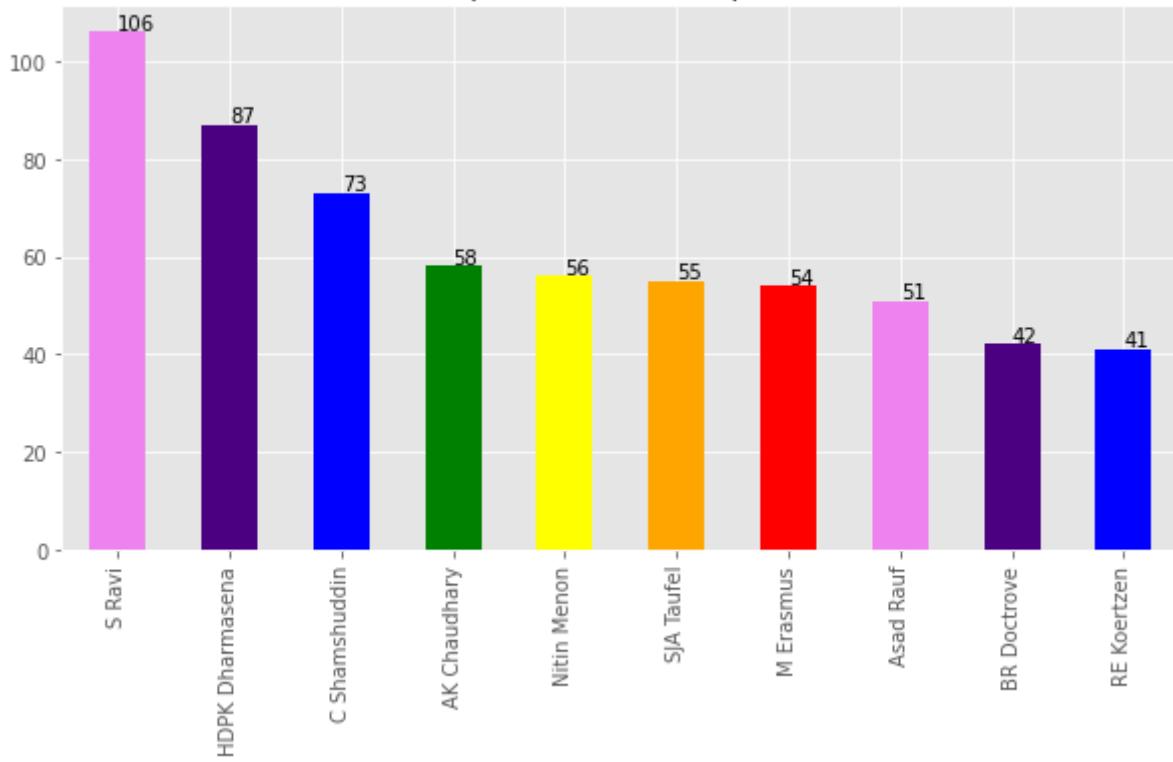


- MS Dhoni have won 17 man of the match titles.
- One important thing to notice, YK Pathan have won 16 titles as he is not in top 5 leading run scorers



Top 10 Favourite Umpires.

Top 10 favourite Umpires



Top 5 Winner team who defeated the Losser team

with the highest number of run Difference.

season	team1	team2	winner	win_by_runs	venue
0	2017	MI	DD	MI	146 Feroz Shah Kotla
1	2016	KXIP	GL	KXIP	144 M Chinnaswamy Stadium
2	2008	KKR	KXIP	KKR	140 M Chinnaswamy Stadium
3	2015	KXIP	RCB	KXIP	138 M Chinnaswamy Stadium
4	2013	KXIP	PWI	KXIP	130 M Chinnaswamy Stadium

- RCB defeated the rival team 3 times with big margin of runs.



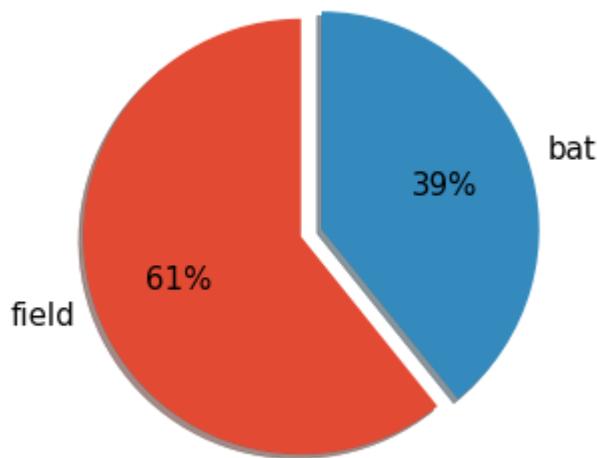
Top 5 Winner team who defeated the Losser team with the highest number of wickets in their hand.

season	team1	team2	winner	win_by_wickets	venue
0	2020	KXIP	CSK	CSK	10 Dubai International Cricket Stadium
1	2015	DD	KXIP	KXIP	10 Feroz Shah Kotla
2	2016	GL	SRH	SRH	10 Saurashtra Cricket Association Stadium
3	2020	CSK	MI	MI	10 Sharjah Cricket Stadium
4	2009	RCB	DD	DD	10 Newlands



TOSS ANALYSIS

Toss decision whether Captain choose bat or ball.



- 61% Captains choose to field first.
- I think they love to chase a target.



Total Toss won by each team and total matches played by them.

Total Matches Played by each Team and their Toss Win

