

## IPL 2008-2024 data Analysis with SQL

```
select * from ipl.matches;
```

```
drop table if exists #ipls;
```

```
create table #ipls
```

```
(
```

```
match_id float,
```

```
inning float,
```

```
batting_team nvarchar(255),
```

```
bowling_team nvarchar(255),
```

```
overs float,
```

```
ball float,
```

```
batter nvarchar(255),
```

```
bowler nvarchar(255),
```

```
non_striker nvarchar(255),
```

```
batsman_runs float,
```

```
extra_runs float,
```

```
total_runs float,
```

```
extras_type nvarchar(255),
```

```
is_wicket float,
```

```
player_dismissed nvarchar(255),
```

```
dismissal_kind nvarchar(255),
```

```
fielder nvarchar(255)
```

```
)
```

```
insert into #ipls
```

```
select * from ipl.dbo.delivery1
```

```
union
```

```
select * from ipl.dbo.delivery2
union
select * from ipl.dbo.delivery3
union
select * from ipl.dbo.delivery4
union
select * from ipl.dbo.delivery5;
```

```
select count(*) from #ipls;
```

```
select count(*) from ipl.dbo.delivery1;
select count(*) from ipl.dbo.delivery2;
select count(*) from ipl.dbo.delivery3;
select count(*) from ipl.dbo.delivery4;
select count(*) from ipl.dbo.delivery5;
```

```
select * from #ipls;
select * from ipl.dbo.matches;
```

### **--number of matches played in each season**

```
select yr ,count(distinct id) no_of_matches from
(select year(date) yr,id from ipl..matches)a
group by yr;
```

### **--most player of match winners top 20 players list**

```
select * from
(select player_of_match,yr,no_of_times,rank() over(partition by yr order by no_of_times
desc) rnk from
```

```
(select player_of_match,year(date) yr,count(player_of_match) no_of_times from  
ipl..matches group by player_of_match ,year(date) )a)b  
where rnk=1;
```

### **--most wins by a team**

```
select winner,count(winner) no_of_matches_won from ipl..matches group by winner order  
by no_of_matches_won desc;
```

```
select venue,count(venue) no_of_matches from ipl..matches group by venue order by  
no_of_matches desc;
```

### **--most no of runs by each batsman**

```
select batter,sum(batsman_runs) batter_runs from #ipls group by batter order by  
batter_runs;
```