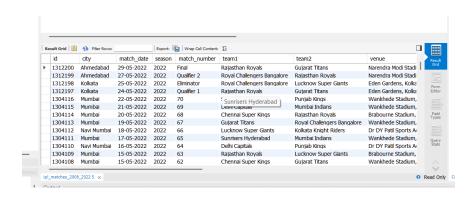# SQL QUERY

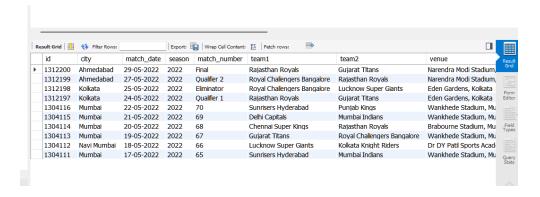## Create a Database

CREATE DATABASE ipl;

USE ipl;

Verify Data

SELECT * FROM ipl.ipl_matches_2008_2022;

SELECT * FROM ipl_matches_2008_2022 LIMIT 10;

1. Total matches per season:
SELECT season, COUNT(*) AS total_matches

FROM ipl_matches_2008_2022
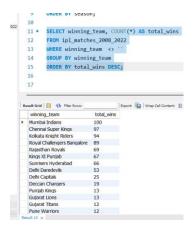
GROUP BY season ORDER BY season;

```
4 🔲   SELECT * FROM ipl_matches_2008_2022 LIMIT 1
5
6 •   SELECT season, COUNT(*) AS total_matches
7     FROM ipl_matches_2008_2022
8     GROUP BY season
9     ORDER BY season;
10
```

season	total_matches
2009	56
2011	72
2012	74
2013	74
2014	59
2015	56
2016	60
2017	58
2018	60
2019	57
2021	59
2022	74

. Most successful teams:

SELECT winner_team, COUNT(*) AS total_wins

FROM ipl_matches_2008_2022 WHERE winner_team <> ''

GROUP BY winner _team

ORDER BY total_wins DESC;

```
 9     ORDER BY season;
10
11 •   SELECT winning_team, COUNT(*) AS total_wins
12     FROM ipl_matches_2008_2022
13     WHERE winning_team  <> ''
14     GROUP BY winning_team
15     ORDER BY total_wins DESC;
16
17
```

winning_team	total_wins
Mumbai Indians	100
Chennai Super Kings	97
Kolkata Knight Riders	94
Royal Challengers Bangalore	89
Rajasthan Royals	69
Kings XI Punjab	67
Sunrisers Hyderabad	66
Delhi Daredevils	53
Delhi Capitals	25
Deccan Chargers	19
Punjab Kings	13
Gujarat Lions	13
Gujarat Titans	12
Pune Warriors	12

Result 13 ×

Toss impact on match results:

SELECT (winner = toss_winner) AS toss_helped,

COUNT(*) AS matches

FROM ipl_matches_2008_2022

GROUP BY toss_helped;

```
16
17 •  SELECT
18        (winner = toss_winner) AS toss_decision,
19        COUNT(*) AS matches
20    FROM ipl_matches_2008_2022
21    GROUP BY toss_decision;
22
23
24
```

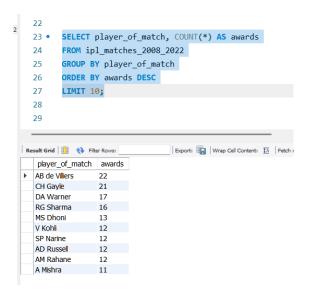| winning_team	total_wins
Mumbai Indians	100
Chennai Super Kings	97
Kolkata Knight Riders	94
Royal Challengers Bangalore	89
Rajasthan Royals	69
Kings XI Punjab	67
Sunrisers Hyderabad	66
Delhi Daredevils	53
Delhi Capitals	25
Deccan Chargers	19
Punjab Kings	13
Gujarat Lions	13
Gujarat Titans	12
Pune Warriors	12

. Top 10 players with most Player of the Match awards

SELECT player_of_match,

COUNT(*) AS awards FROM ipl_matches_2008_2022

GROUP BY player_of_match

ORDER BY awards DESC LIMIT 10;

```
22
23 •  SELECT player_of_match, COUNT(*) AS awards
24    FROM ipl_matches_2008_2022
25    GROUP BY player_of_match
26    ORDER BY awards DESC
27    LIMIT 10;
28
29
```

player_of_match	awards
AB de Villiers	22
CH Gayle	21
DA Warner	17
RG Sharma	16
MS Dhoni	13
V Kohli	12
SP Narine	12
AD Russell	12
AM Rahane	12
A Mishra	11

Biggest win by runs:

SELECT season, team1, team2, winner, win_by_runs

FROM ipl_matches_2008_2022

ORDER BY win_by_runs DESC LIMIT 5;

```
21      GROUP BY toss_decision;
22
23 •    SELECT player_of_match, COUNT(*) AS awards
24      FROM ipl_matches_2008_2022
25      GROUP BY player_of_match
26      ORDER BY awards DESC
27      LIMIT 10;
28
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

player_of_match	awards
AB de Villers	22
CH Gayle	21
DA Warner	17
RG Sharma	16
MS Dhoni	13
V Kohli	12
SP Narine	12
AD Russell	12
AM Rahane	12
A Mishra	11