

# Analyzing the IPL Dataset (2008-2023)

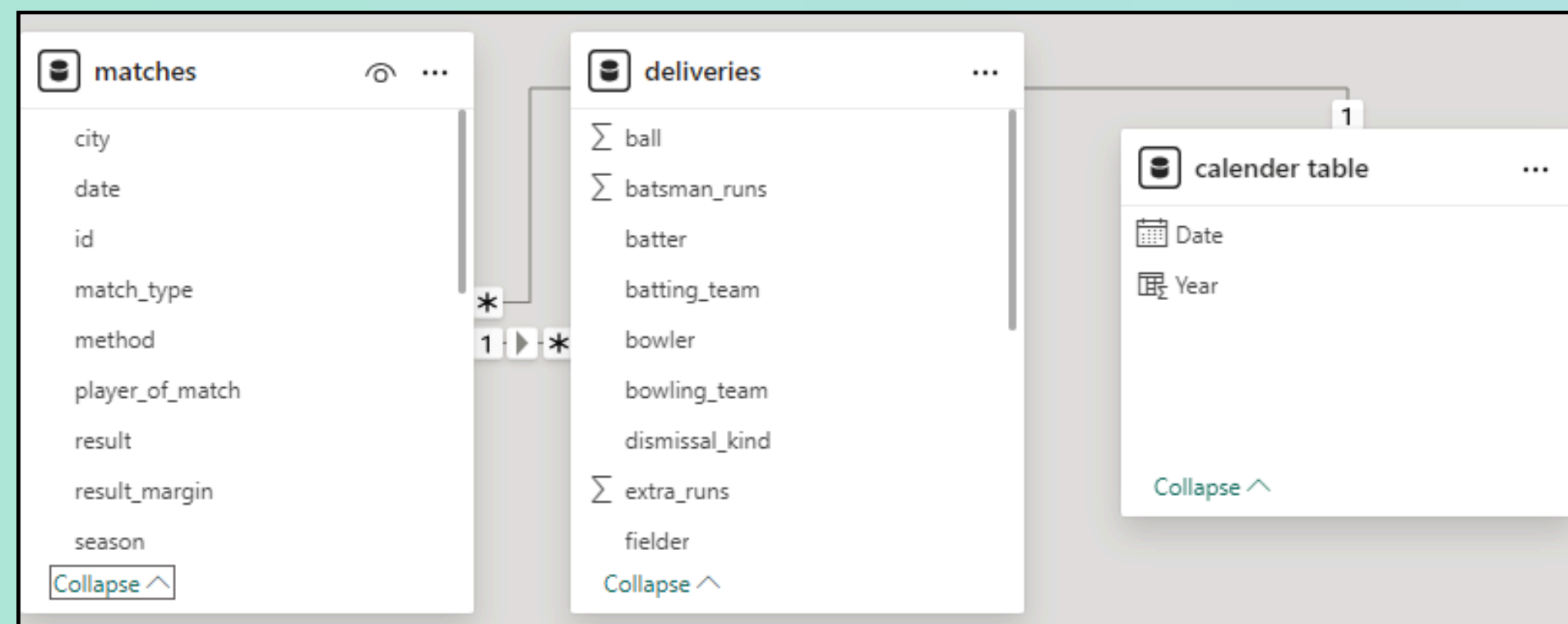
Presented by  
Mou Sarkar



# Introduction:

- This dataset consists of two separate CSV files : matches and deliveries. These files contain the information of each match summary and ball by ball details, respectively. It contains the match descriptions, results, winners, player of the matches, ball by ball dataset and much more.

## Data modeling



## Tools Used

- Power BI
- Power Query
- Dax Query
- Data modeling





# Requirement

Develop a IPL Dashboard for season 2008 to 2022 to have a detailed insight on below problem statements

- Find the Title Winner, Orange cap winner, Purple cap winner, Tournament 6's and 4's for the respective seasons on IPL.
- Develop IPL batting and bowling stats and add a filter where user can select the bowler and batsman to see these stats.
- Winning percentage based on the toss decision.
- Matches Win by venue.
- Total wins by team in a season.
- Matches won based on the result type.



# IPL DASHBOARD(2008 - 2023)

Season

2021

TITLE WINNER

Chennai Super  
Kings



ORANGE CAP

RD Gaikwad



PURPLE CAP

HV Patel



TOTAL 6'S

687



TOTAL 4'S

1551



## IPL Batting Stats



Select Batsman

V Kohli

TOTAL  
RUNS  
405

TOTAL 4'S  
43

TOTAL 6'S  
9

STRIKE RATE  
116.71

## IPL Bowling Stats



Select Bowler

Mohammed Shami

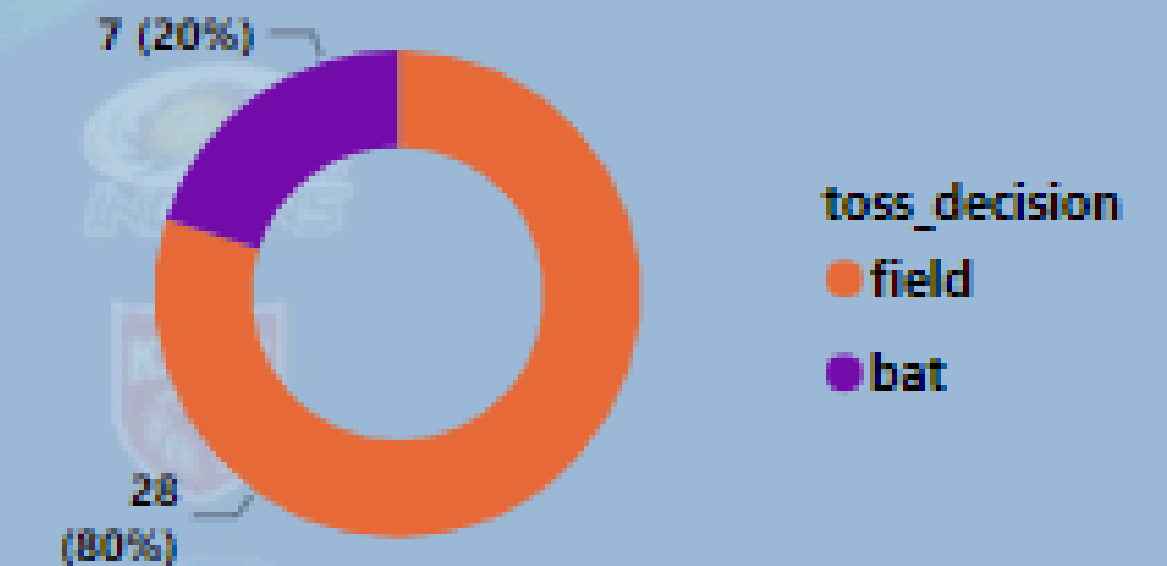
TOTAL  
WICKET  
19

ECONOMY  
RATE  
7.4

TOTAL DOT  
BALL  
141

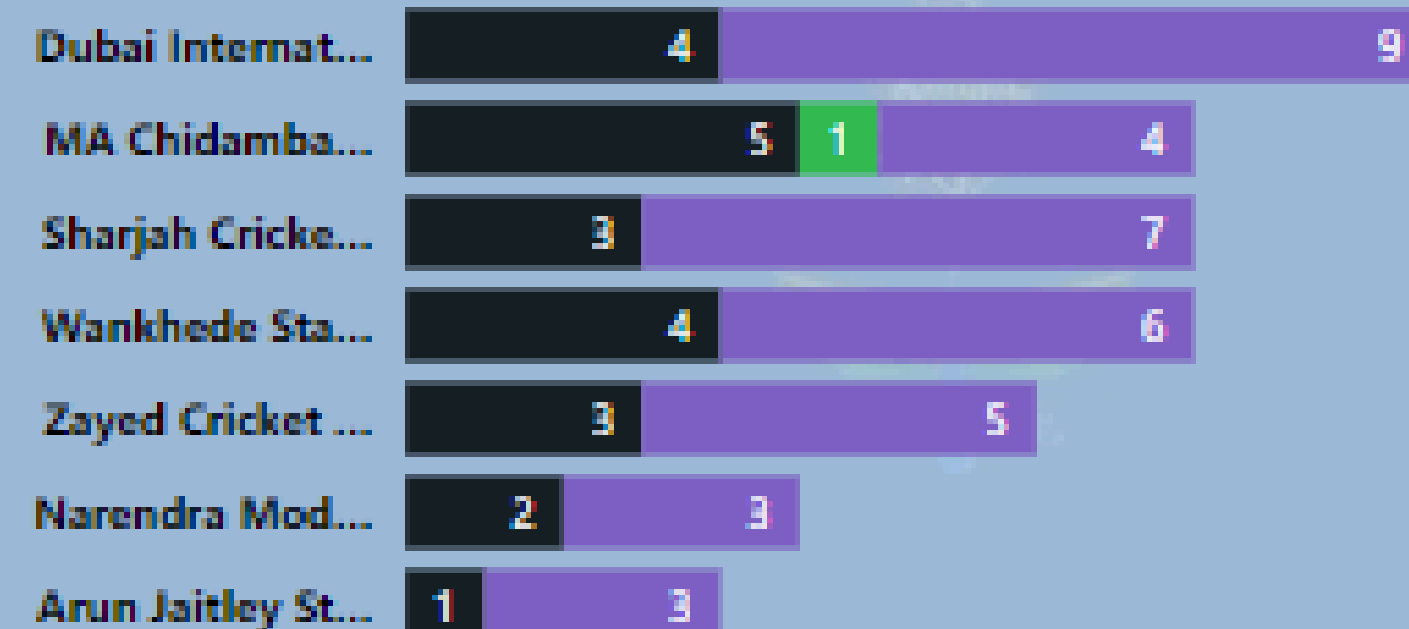
BOWLING AVG  
20.00

## Match won by toss decision

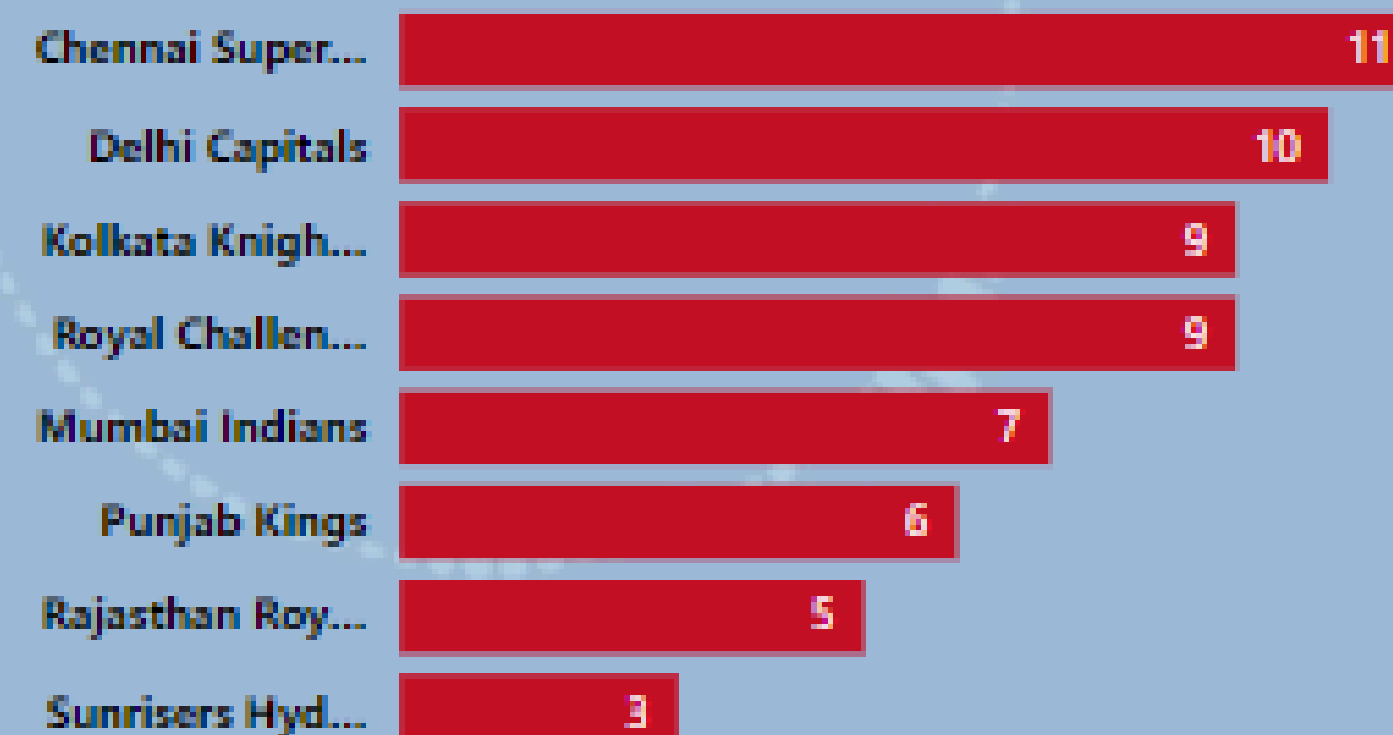


## Matches Win by Venue

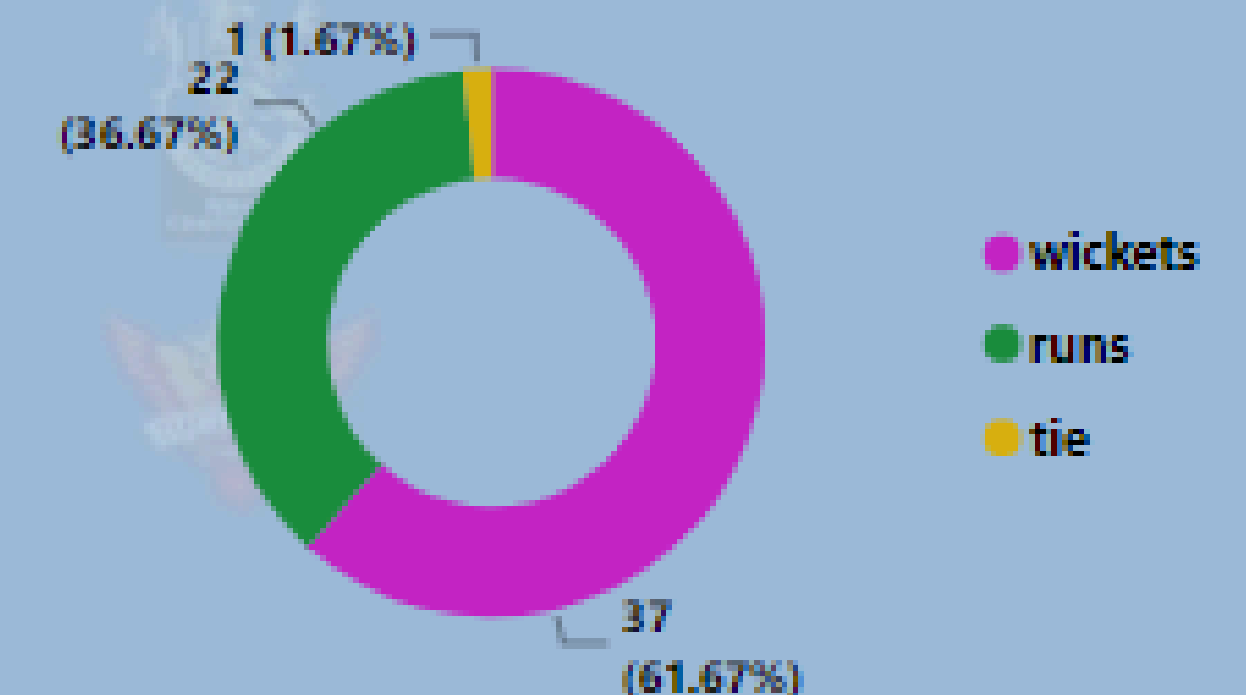
Result ● runs ● tie ● wickets



## Total Wins by Teams for Season



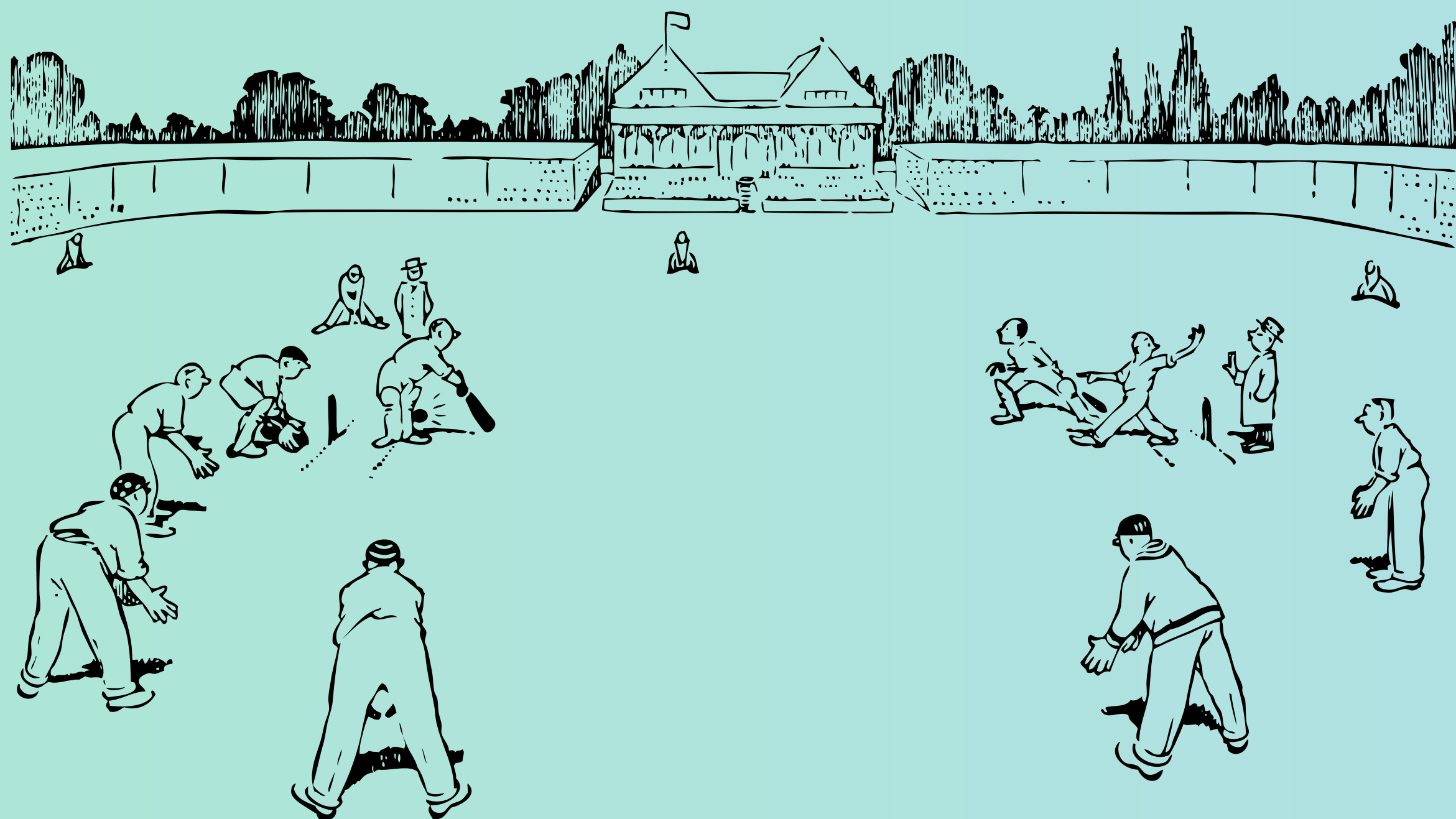
## Matches won by Result Type





## Insights:

- Over the 2008-2023 period, Chennai Super Kings and Mumbai Indians have the most title wins.
- The average number of sixes and fours per match has increased, indicating more aggressive batting strategies over the years.
- Virat Kohli leads in total runs scored across all seasons and David Warner has won the Orange cap most of the times(3 times).
- DJ Bravo take most of the wickets across all seasons .
- In the history of IPL the teams who have fielded first have won the most number of matches.
- Mumbai Indians won the most matches from 2008 to 2023.



**Thank You**