

# IPL Visualisation

- Ameya Shukla

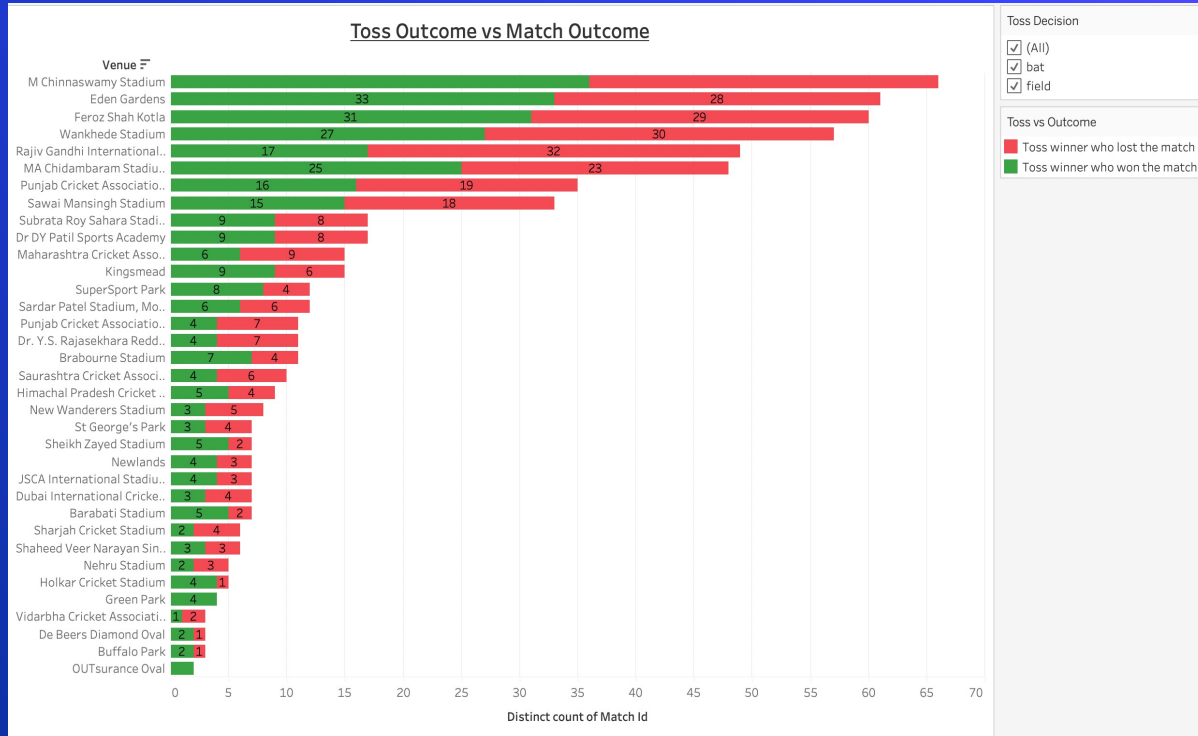


# Problem Statement

- A nationally recognized news agency has approached to build an interactive Tableau dashboard of IPL statistics over the years since its inception.
- Points to focus :
  - Match Statistics
    - Toss outcome vs Match outcome (for each Ground/Venue)
    - Biggest wins (by runs and by wicket)
    - Highest totals (across all the seasons)
  - Player Statistics
    - Orange Cap contenders (The batsmen who have scored the maximum number of runs in a particular season)
    - Purple Cap contenders (The bowlers who have taken the maximum number of wickets in a particular season)
    - Batsmen who have hit the most number of fours and sixes (per season and overall)
  - Team Statistics
    - Season-wise team performance (wins vs losses)
    - Win %age ( home vs away)

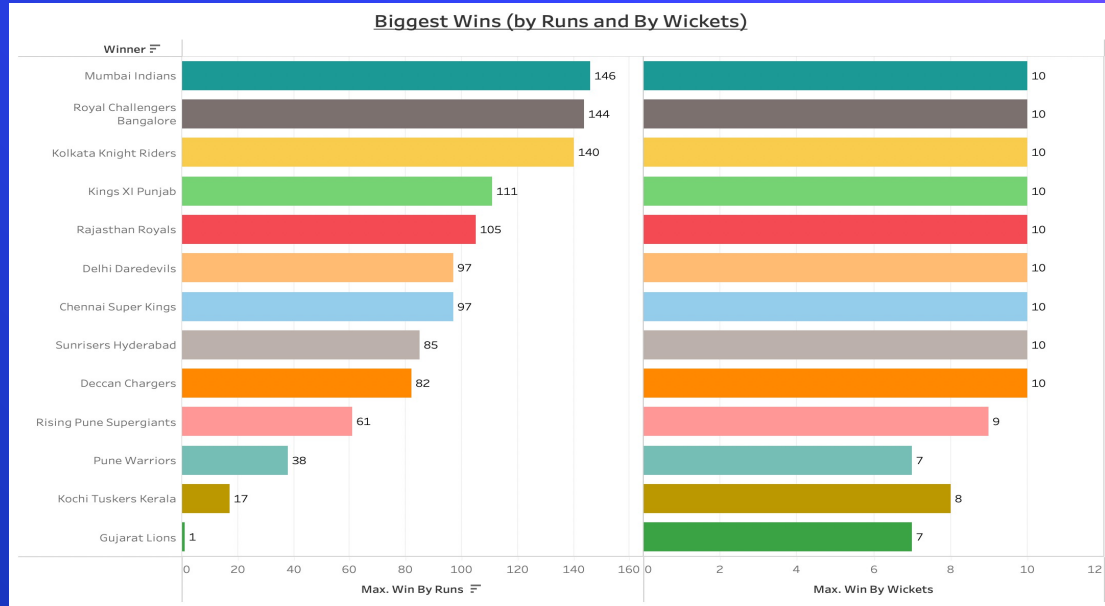
# MATCH STATISTICS

# Toss Outcome vs Match Outcome



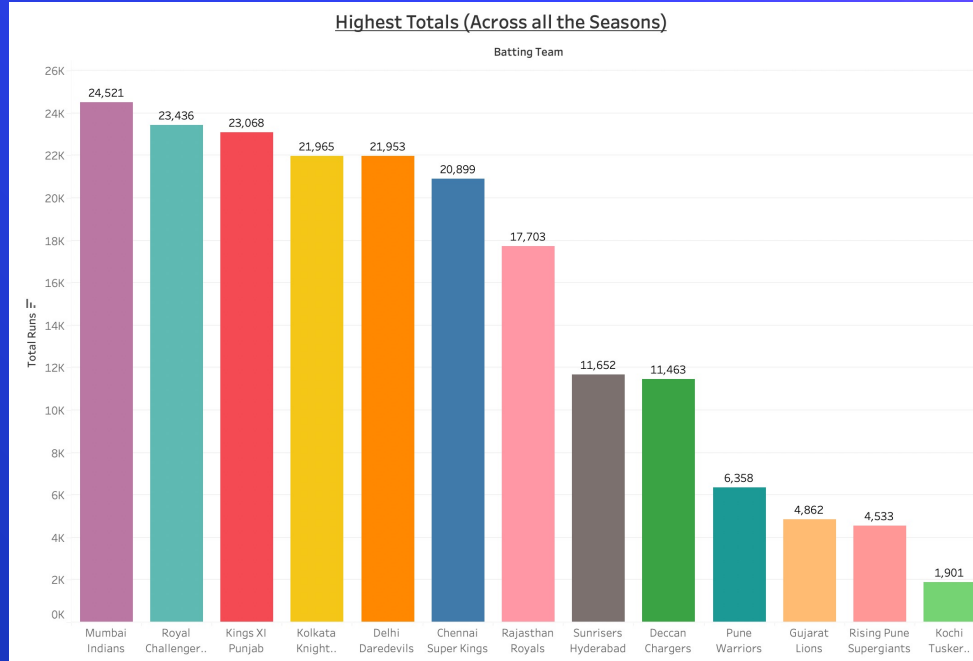
- M Chinnaswamy Stadium is the ground that not only has the highest count of toss winners resulting in winning the match, but also has the the highest count of toss winners resulting in loosing the match.
- OUTsurance Oval venue is having no toss winner that had lost the match.
- Vidarbha Cricket Association Stadium, Jamtha has the lowest count of toss winners who won the match.

# Biggest Wins (By Runs and By Wickets)



- Mumbai Indians is having the highest wins by runs overall followed by Royal Challengers Bangalore and then Kolkata Knight Riders.
- In terms of wickets, Mumbai Indians, Royal Challengers Bangalore, Kolkata Knight Riders, Kings XI Punjab, Rajasthan Royals, Delhi Daredevils, Chennai Super Kings, Sunrisers Hyderabad, and Deccan Chargers are leading in all seasons.

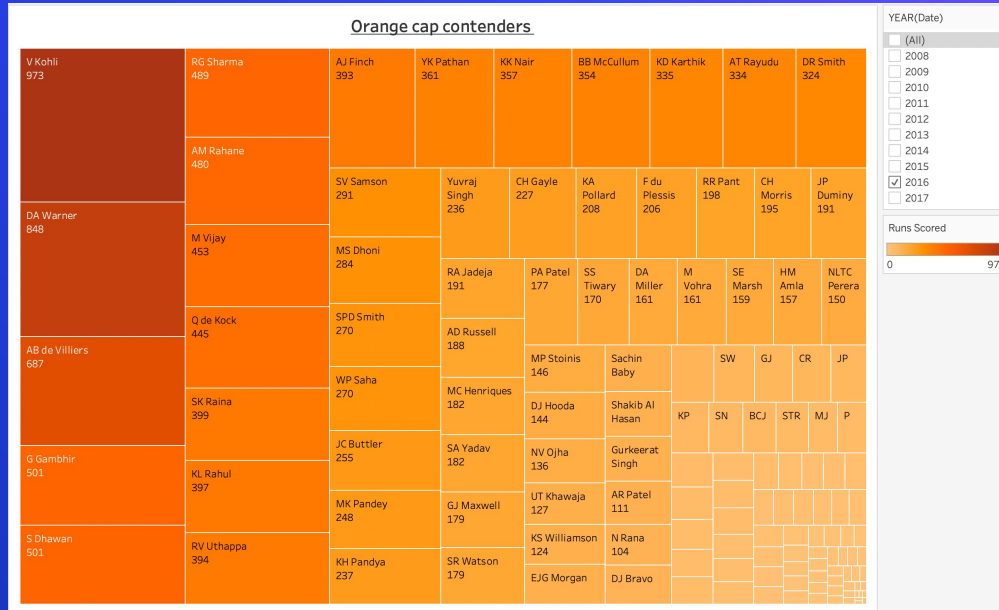
# Highest Totals (Across all the Seasons)



- Mumbai Indians have the highest totals across all seasons, followed by Royal Challengers Bangalore and Kings XI Punjab.
- Kochi Tuskers Kerala has the lowest number in terms of highest totals across all seasons.

# PLAYER STATISTICS

# Orange Cap Contenders



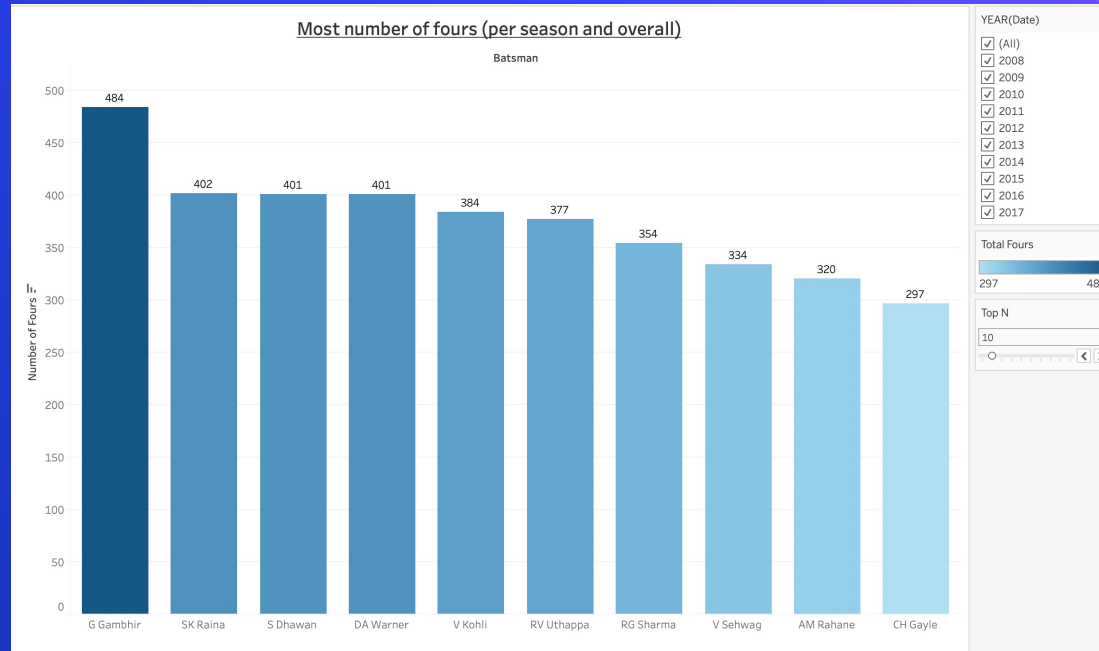


# Purple Cap Contenders



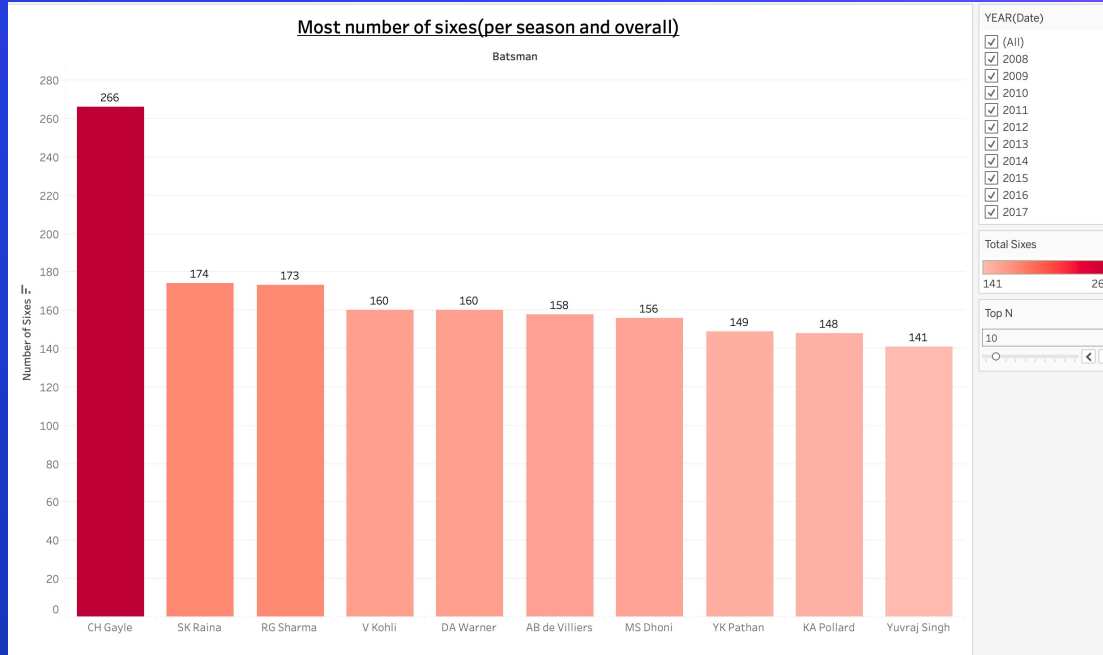
- The chart shows the purple cap contenders across all seasons
- Here, we have selected the year 2011.
- In the year 2011, SL Malinga was the purple cap winner.
- SL Malinga also took the highest wickets ever taken by a purple cap winner across all seasons with a total of 30 wickets in the year 2011.

# Most number of Fours (per season and overall)



- The chart describes the top 10 players having the highest number of fours scored in all seasons combined.
- Gautam Gambhir was the player that had scored most Fours in all seasons combined followed by SK Raina and S Dhawan.

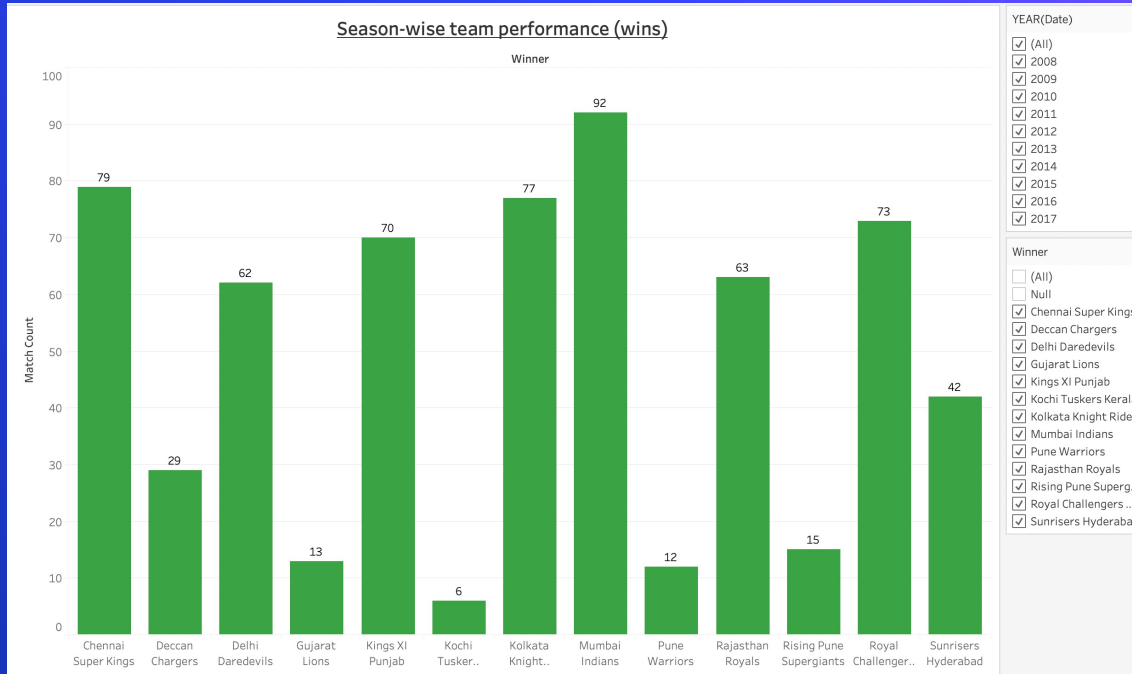
# Most number of Sixes (per season and overall)



- The chart describes the top 10 players having the highest number of sixes overall.
- CH Gayle was the player that had scored the highest number of sixes in all seasons combined followed by SK Raina and RG Sharma.

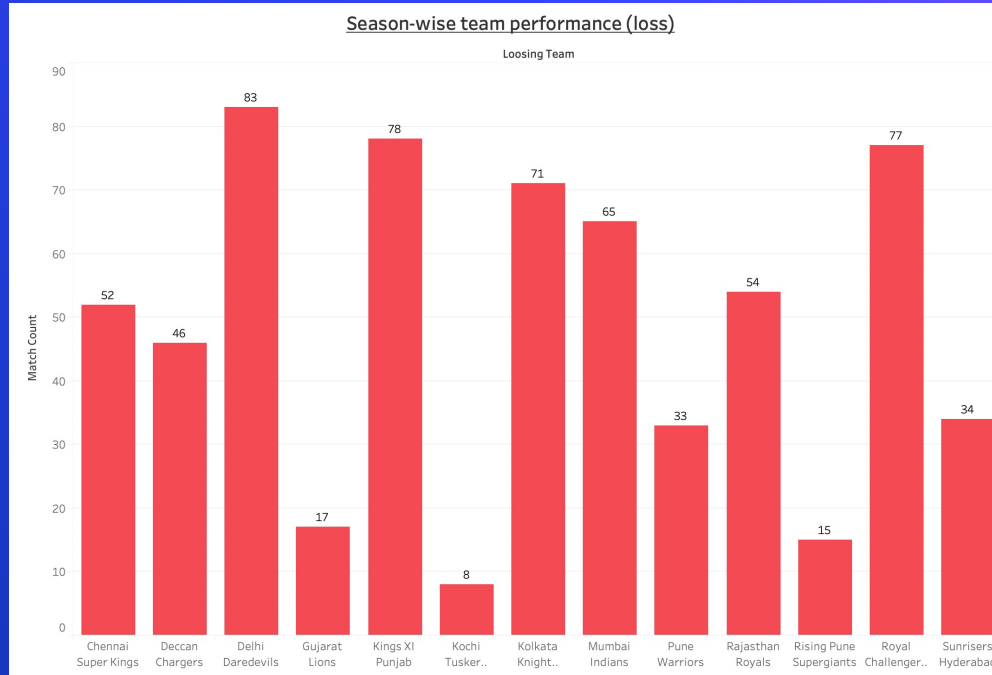
# TEAM STATISTICS

# Season-wise team performance (wins)



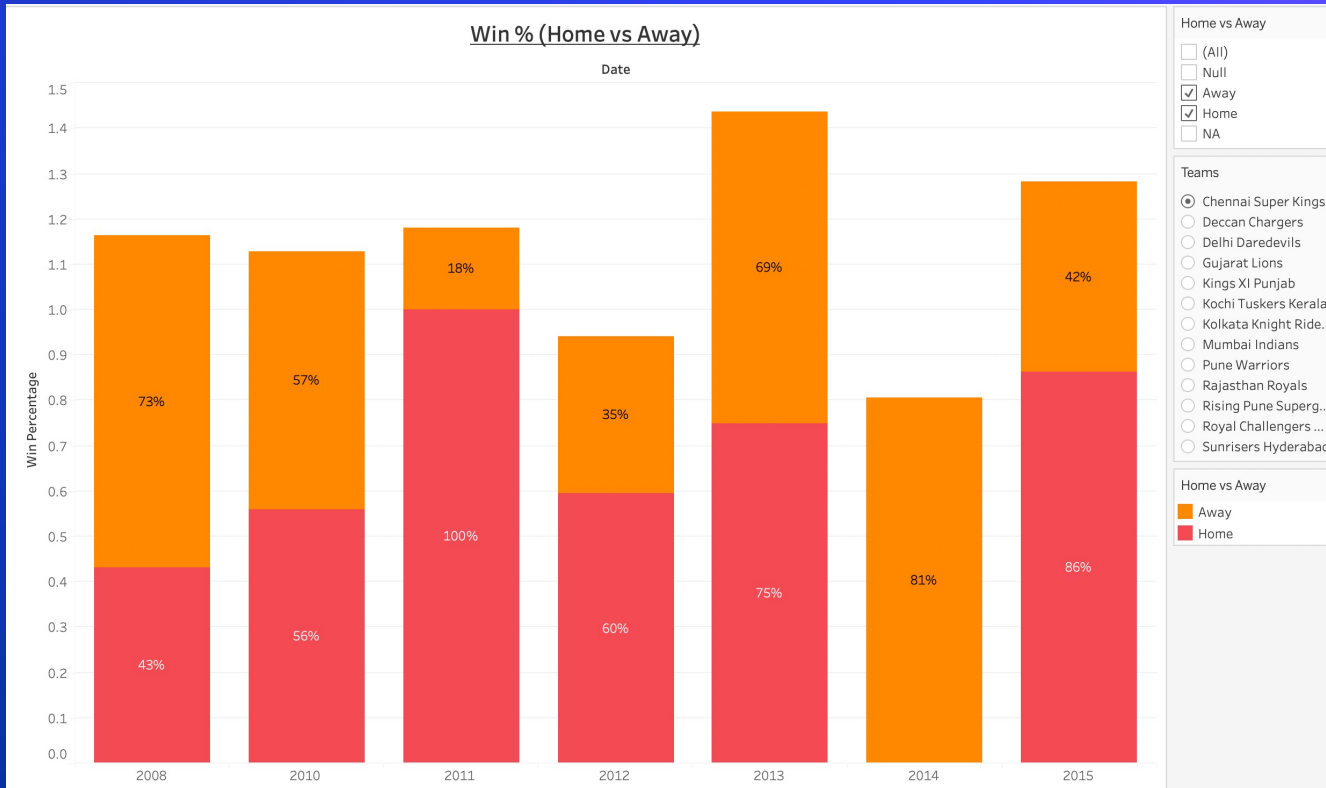
○ Mumbai Indians had the highest number of wins whereas Kochi Tuskers Kerala had the lowest wins.

# Season-wise team performance (loss)



- Delhi Daredevils had the highest number of IPL losses whereas Kochi Tuskers Kerala had the lowest IPL losses.

# Win % (Home vs Away)



- The chart shows the win percentage of IPL teams in their home ground and away for each season.
- Chennai Super Kings has been selected here.
- They had a 100% win percentage in the year 2011 when they played in their home ground. Whereas, in 2014, Chennai Super Kings had the highest win percentage of 81% when they played away.

# THANK YOU

