



IPL Visualization Dashbaord

By Akshay Angadi

Problem Statement

The Sports Editor at IFP needs a Tableau dashboard to visualize IPL statistics over the years for an upcoming newsletter infographic. The dashboard should highlight key metrics and trends, including player and team performance, to provide engaging and informative insights for a wide audience across magazines, newspapers, and TV broadcasters.

Objective

The aim is to create an interactive Tableau dashboard for visualizing IPL statistics from 2008 to 2017. This dashboard will offer insights into Match, Player, and Team Statistics, enabling IFP's Sports Editor to utilize or customize visualizations for a newsletter.

Key Insights

Best - Performing Batsmans

1. Virat Kolhi
2. Chris Gayle
3. David Warner

Reason: These three batsmen are among the **top 10** in fours, sixes, and runs. with this they also **Orange Cap** winners.

Best - Performing Bowlers

1. Dwayne Bravo
2. Lasith Malinga
3. Bhuvneshwar Kumar

Reason: These three bowlers are in the **top 10** for wicket-takers and have also won the **Purple Cap**.

Key Insights

Best - Performing Teams

1. Kolkata Knight Riders
2. Kings xi Punjab
3. Delhi Daredevils

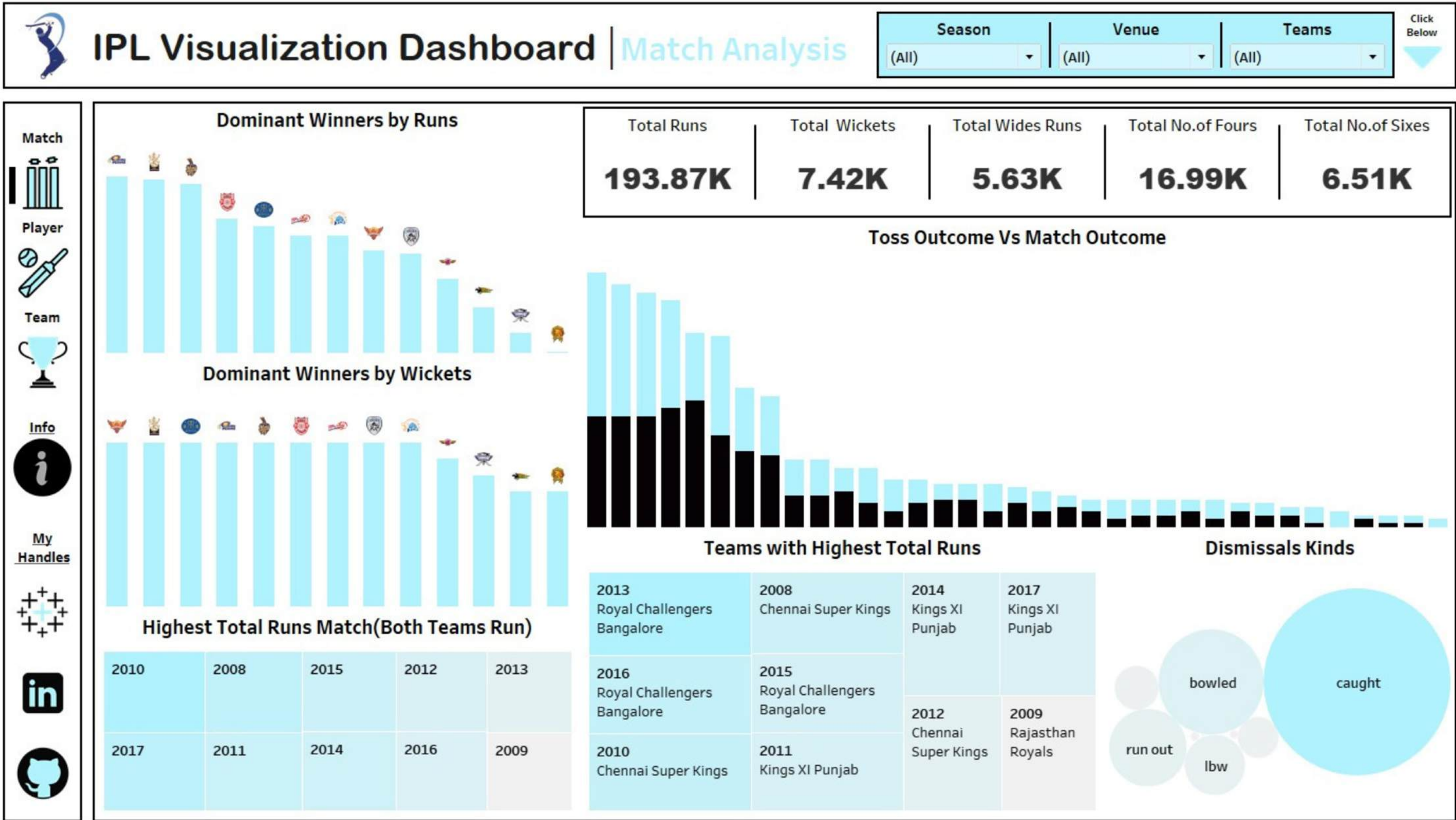
Reason: These three teams have the **highest average winning rate** among all teams that have played all **ten seasons**.

Most - Played Grounds

1. M. Chinnaswamy
2. Eden Gardens
3. Feroz Shah Kotla

Reason: These three stadiums have hosted the **most matches** among all stadiums over the **ten seasons**.

Match Analysis



Insights

- **Mumbai Indians** secured a dominant win with a significant margin of runs 146.
- **Out of all the teams, 9** secured victories without losing any wickets.
- **Most matches** were played at **M Chinnaswamy Stadium** in Bengaluru, where **54.5%** of toss winners went on to win, and **45.5%** lost despite winning the toss.
- **Both Greek Park and OUTsurance Oval** saw **100%** of toss winners go on to win the match.
- **Royal Challengers Bangalore** scored a record total of **263** in the year 2013.
- The **highest combined score** in a match by both teams is **469**.
- The majority of players were dismissed by being **caught**, with a total of **4,365** wickets.

Player Analysis



IPL Visualization Dashboard | Player Analysis

Season

(All)

Venue

(All)

Teams

(All)

Click
Below



Match



Player



Team



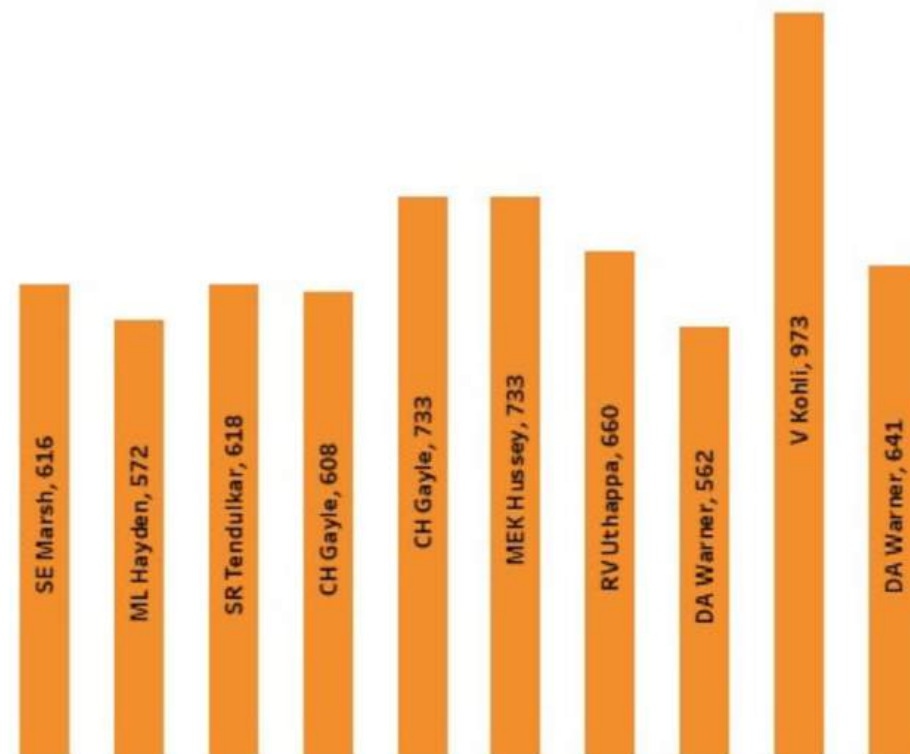
Info



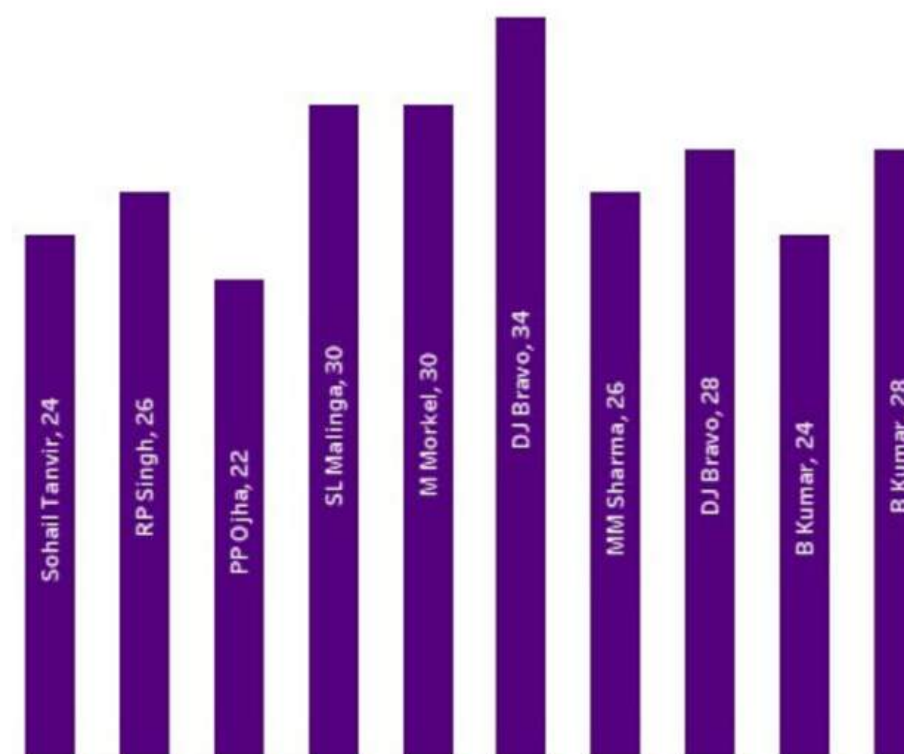
My
Handles



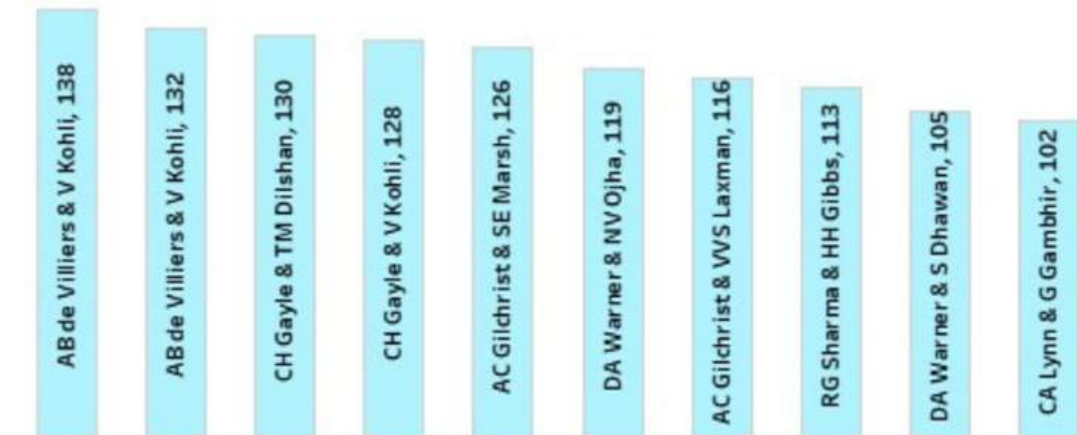
Orange Cap Winners



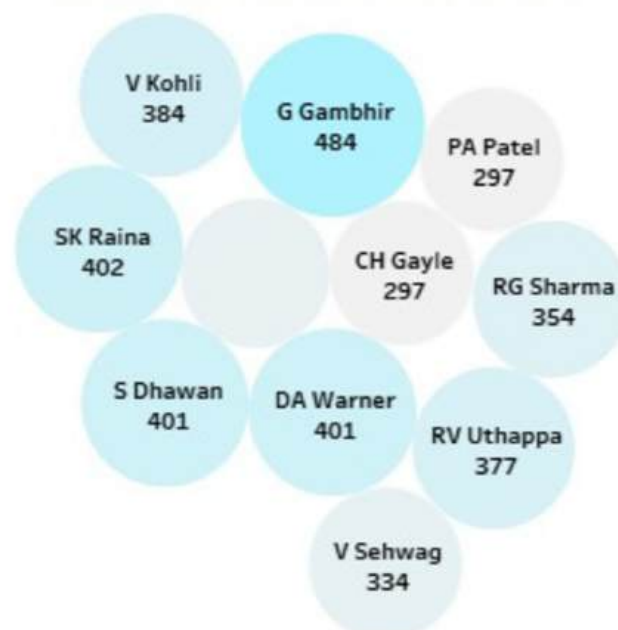
Purple Cap Winners



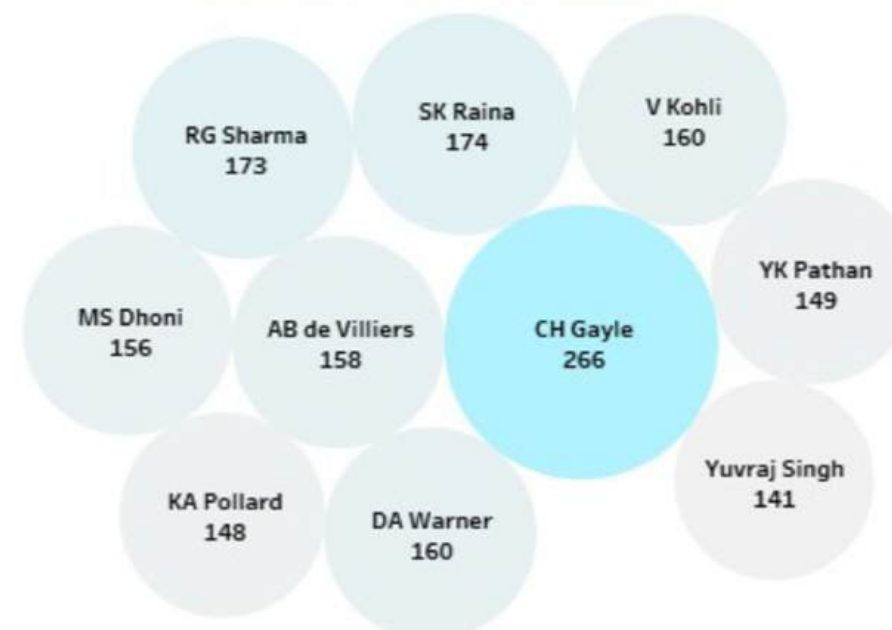
Highest Partnership



Batsman with Most Fours



Batsmen with Most Sixes



Batsmen with Most Runs

SK Raina 4,548	RG Sharma 4,207	DA Warner 4,014	S Dhawan 3,561	MS Dhoni 3,560
V Kohli 4,423	G Gambhir 4,132	RV Uthappa 3,778		
		CH Gayle 3,651	AB de Villiers 3,486	


Bowlers with Most Wickets

SL Malinga 170	DJ Bravo 137	R Vinay Kumar 125	B Kumar 117
A Mishra 142	Harbhajan Singh 136	A Nehra 121	R Ashwin 110
	PP Chawla 133	Z Khan 119	

Insights

- **Virat Kohli** tops all **Orange Cap** winners with the highest total of **973** runs in **2016**.
- **Dwayne Bravo**, a **two-time Purple Cap** winner, holds the record with **34** wickets, the highest in **2013**.
- **Suresh Raina** holds the record for the highest number of runs, with a total of **4,548**.
- The batsman with the **most fours** is **Gautam Gambhir**, with **484** fours.
- The batsman with the **most sixes** is **Chris Gayle**, with **266** sixes.
- The bowler with the **most wickets** is **Lasith Malinga**, with **170** wickets.
- **AB de Villiers** and **Virat Kohli** hold the record for the **highest partnership** with **138** runs.

Team Analysis



IPL Visualization Dashboard

Team Analysis

Season

Venue

Teams

Click Below








































Match

Player

Team

Info

My Handles

	Chennai Super Kings	Chennai Super Kings	Chennai Super Kings	Chennai Super Kings	Chennai Super Kings	Chennai Super Kings	Chennai Super Kings	Chennai Super Kings	Chennai Super Kings	Chennai Super Kings	Chennai Super Kings	Chennai Super Kings	Chennai Super Kings
Home Ground													
Opponent Ground													
Other Ground													

	Chennai Super Kings	Chennai Super Kings	Chennai Super Kings	Chennai Super Kings	Chennai Super Kings	Chennai Super Kings	Chennai Super Kings	Chennai Super Kings	Chennai Super Kings	Chennai Super Kings	Chennai Super Kings	Chennai Super Kings	Chennai Super Kings
2008	62.5%	71.4%	64.3%		60.0%		53.8%	64.3%		68.8%		50.0%	
2009	42.9%	43.8%	73.3%		50.0%		76.9%	38.5%		38.5%		56.3%	
2010	43.8%	31.3%	35.7%		71.4%		50.0%	37.5%		42.9%		62.5%	
2011	43.8%	35.7%	42.9%		42.9%	64.3%	60.0%	50.0%	76.9%	84.6%		56.3%	
2012	66.7%	60.0%	61.1%		62.5%		47.1%	58.8%	31.3%	50.0%		46.7%	
2013	33.3%		50.0%		62.5%		56.3%	31.6%	31.3%	72.2%		62.5%	64.7%
2014	68.8%		64.3%		58.8%		50.0%	66.7%		50.0%		64.3%	71.4%
2015	41.2%		50.0%		42.9%		53.8%	37.5%		46.2%		43.8%	28.6%
2016			64.3%	81.3%	57.1%		73.3%	71.4%			85.7%	56.3%	58.8%
2017			42.9%	85.7%	50.0%		68.8%	58.8%			50.0%	38.5%	50.0%

Insights

- **At 69.5%, Chennai Super Kings** holds the highest winning percentage on their **home** ground.
- **At 55.4%, Rising Pune Supergiants** have the top win rate on their **opponent's** grounds.
- **At 57.6%, Sunrisers Hyderabad** hold the top win rate on **other** grounds.
- **Kolkata Knight Riders** is the **best-performing** team across all seasons, with an average win rate of **59.10%**.
- **Gujarat Lions** leads with an **83.5%** average win rate, despite playing only **two** seasons.
- Top **three best-performing** teams across all seasons are **Kolkata Knight Riders, Kings xi Punjab and Delhi Daredevils**.

Thank You