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Project Title : IPL Team Performance Analysis

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Batch : Data Analitics - Batch 1 - Offline

Date : 23-07-2024

Abstract:

The IPL Team Performance Analysis Dashboard provides a detailed examination of team performances across various IPL seasons. It includes visualizations such as bar charts, tables, bubble charts, and treemaps to analyze match outcomes, average scores, team winnings by venue, and key player performances. This dashboard is designed to help cricket enthusiasts, analysts, and stakeholders gain valuable insights into team dynamics and performance trends, enabling informed decision-making based on historical data.

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Tools & Limitations :

Microsoft Excel was utilized to prepare the data for analysis.

Tableau was employed to visualize the data.

This analysis is exclusively based on franchise cricket in India.

The data utilized for this analysis spans from 2021 to 2024.

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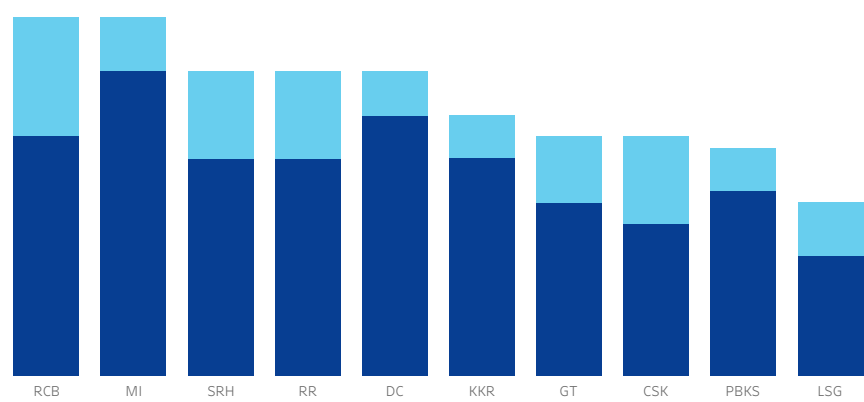
Which team has the highest number of wins in the selected season?

RR	8	Season 2024
LSG	6	
KKR	6	
SRH	5	
DC	5	
CSK	5	
PBKS	4	
GT	4	
RCB	3	
MI	3	

Interpretation :

Team with the highest number of wins: RR & CSK with 30 wins in past four seasons.

How do match outcomes correlate with winning tosses?

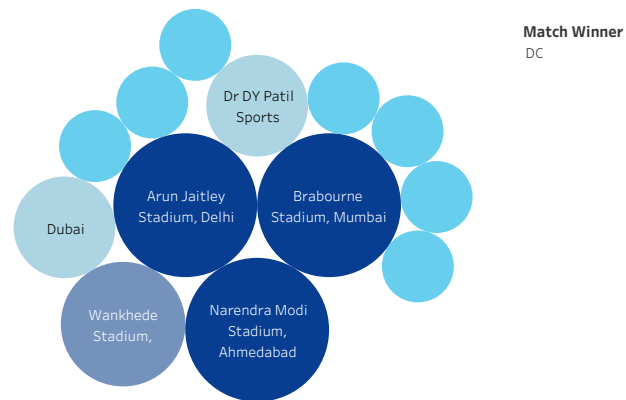


Interpretation :

RCB & MI, they have a higher number of wins after winning the toss compared to losses.

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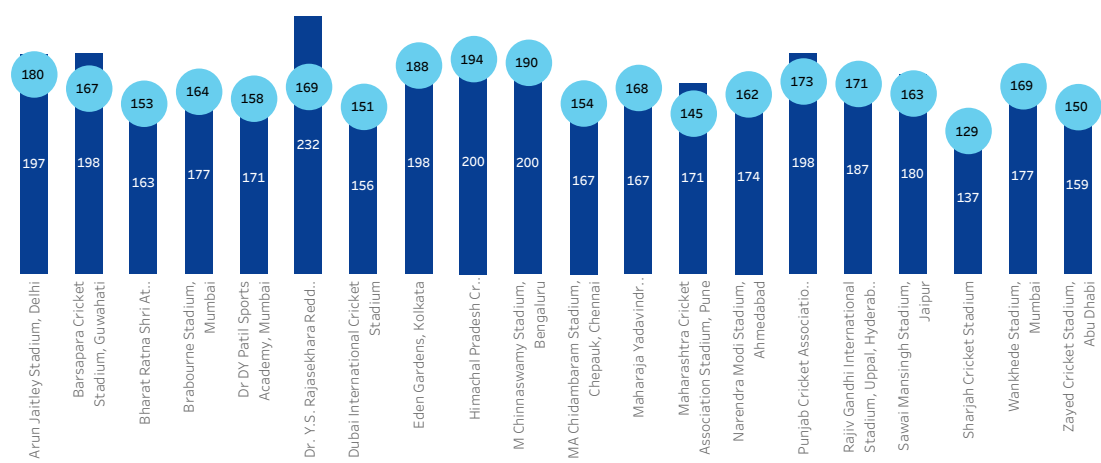
Can you identify the team performance from Venue?



Interpretation :

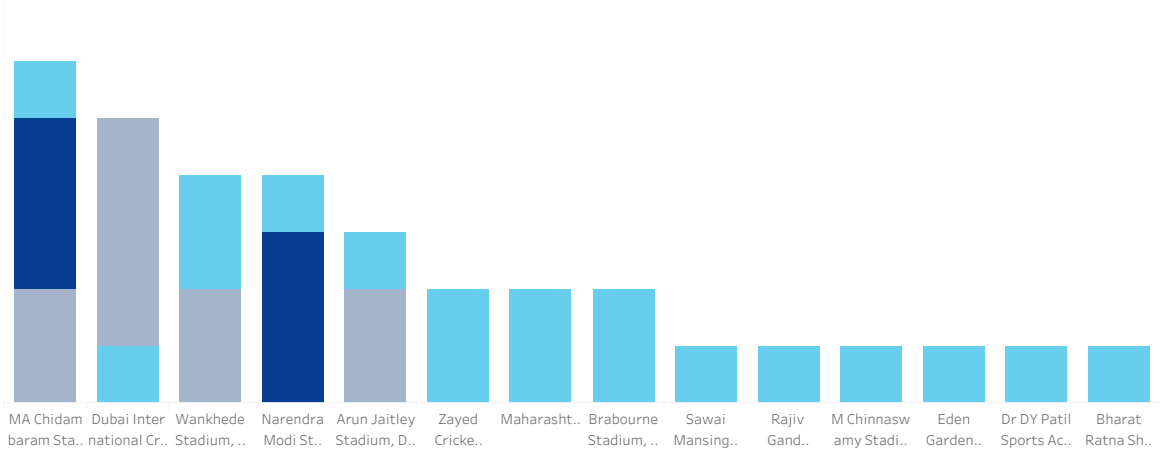
Wankhede Stadium, Mumbai, this venue has the largest bubble, indicating it is a significant location for matches. Teams likely have notable performances here.

How does the average 1st innings score compare to the average 2nd innings score across all venue?

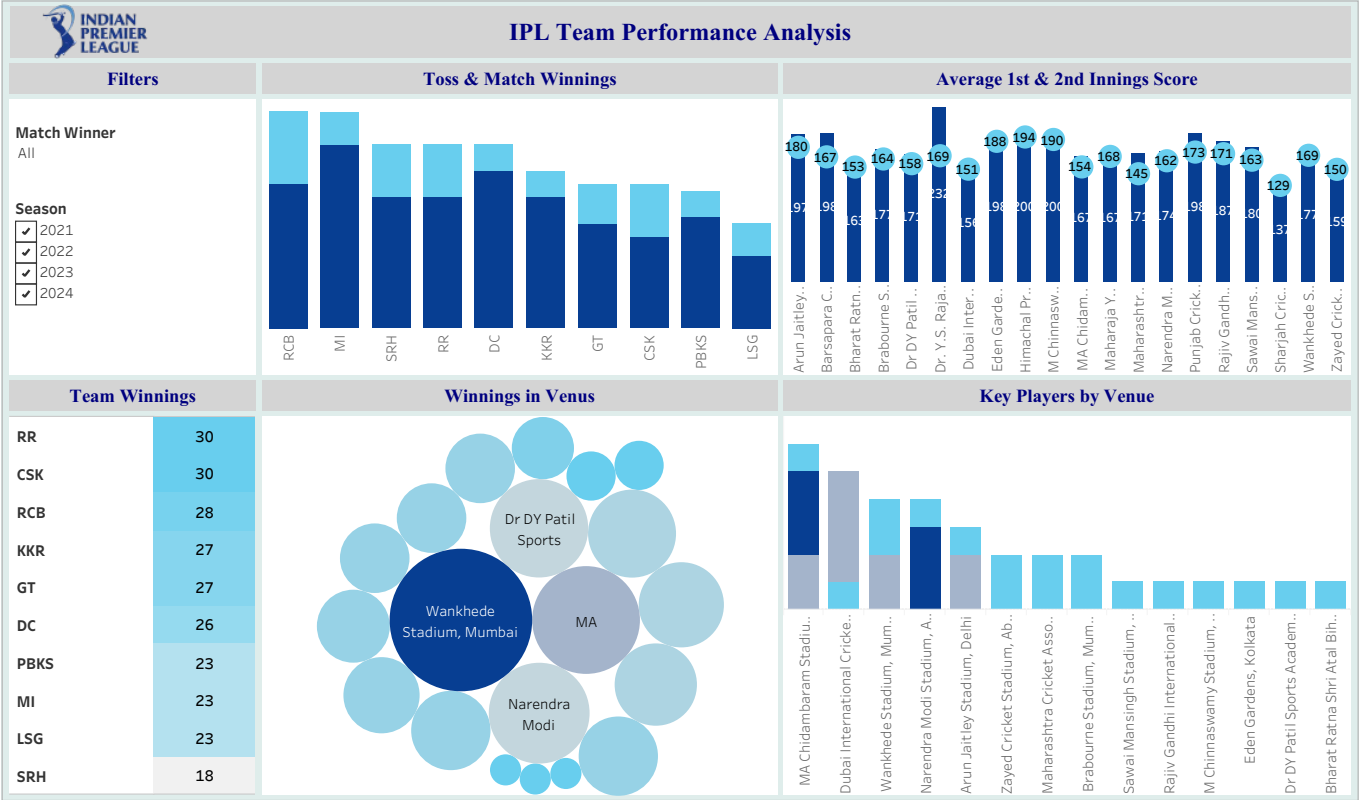


This graph compares the average first innings score to the average second innings score across various cricket venues.

Can you identify the Key Players by Venue?



This treemap helps in identifying which players have performed exceptionally well at specific venues, providing valuable insights for team strategies and player selection.



Conclusion :

The performance of IPL teams is significantly influenced by several key factors, including the outcome of the toss, the venue of the match, and the presence and performance of key players. The toss often determines the strategic advantage, while the venue can impact team dynamics and player performance due to varying pitch conditions and crowd support. Additionally, key players play a crucial role in determining the outcome of the match through their individual performances and leadership. Understanding these correlations can provide valuable insights for team strategies and predictions. Therefore, analyzing these elements is essential for optimizing team performance and achieving success in the IPL.

THANK YOU