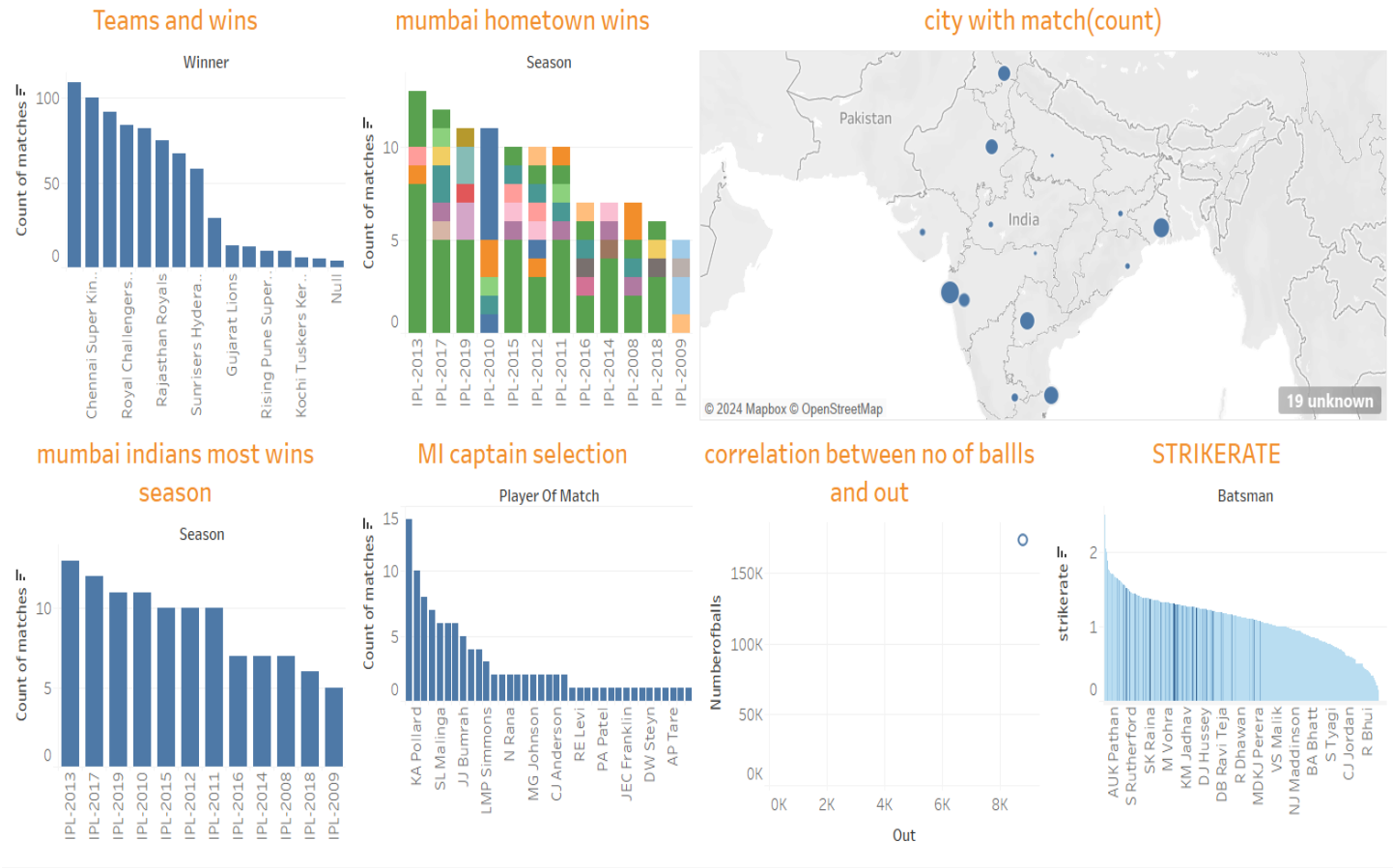


IPL case study

IPL Dashboard



Introduction:

In this analysis, we dive into the performance dynamics of IPL teams and players using data visualizations created with Tableau. Our objective was to uncover key trends and insights that can provide a competitive edge for teams and enhance our understanding of player performance in the IPL.

Methodology:

Using Tableau, we created an interactive dashboard that allowed us to filter and visualize data from various perspectives. We applied filters, created calculated fields, and plotted data to extract meaningful patterns and correlations.

Key Findings:

Our analysis revealed that the Mumbai Indians (MI) are the most successful team in the IPL, with the maximum number of wins. Notably, MI had an outstanding season in 2013 and continued their dominance by winning 5 matches at their home ground, Wankhede Stadium, in 2019. Furthermore, Mumbai city emerged as the most frequent host of IPL matches.

Detailed Analysis:

Examining MI's toss decisions, we found that they opted to bat 25 times and field 31 times when they won the toss. This strategic choice underscores their adaptability and tactical planning. RG Sharma, MI's captain, stood out as the most eligible leader, having won the player of the match award numerous times.

Our exploration of player performance revealed interesting insights. While KMDN Kulasekara, B Stanlake, and Umar Gul had the highest strike rates, this metric alone was not indicative of overall performance due to their limited number of balls faced. In contrast, V Kohli's consistency was evident as he played the maximum number of balls, positioning him as a key player. When we sorted the data by balls played, V Kohli, SK Raina, and RG Sharma emerged as the top players.

Additionally, a scatter plot analysis showed a positive correlation between the number of balls faced and the likelihood of getting out, highlighting the balance players must maintain between aggression and caution.

Conclusion:

This analysis provides valuable insights into team strategies and player performance in the IPL. Mumbai Indians' dominance, strategic toss decisions, and the importance of consistent performers like V Kohli are key takeaways. These findings can aid teams in refining their strategies and making informed decisions in future matches.

Future work could involve analyzing additional datasets, such as player fitness levels and match conditions, to further enhance our understanding of the factors influencing IPL success.

Link :[link to the dashboard](#)

https://public.tableau.com/app/profile/neelakanth.chavan/viz/IPL_17209263126910/IPLcasestudystory