IPL 2022 ANALYSIS

ABOUT

This project aims to analyze the data based on IPL 2022, considering various factors. The 2022 Indian Premier League, also known as IPL 15, Tata IPL 2022, was the fifteenth season of the Indian Premier League (IPL), a professional Twenty20 cricket league established by the Board of Control for Cricket in India (BCCI) in 2007. The tournament was played from 26 March 2022 to 29 May 2022. The season saw the expansion of the league, with the addition of two new franchises. Therefore, this was the second season to have ten teams, after the 2011 tournament. Chennai Super Kings were the defending champions, having won their fourth title during the previous season. In the final, Gujarat Titans beat Rajasthan Royals by seven wickets to win their first IPL title.

DATASET

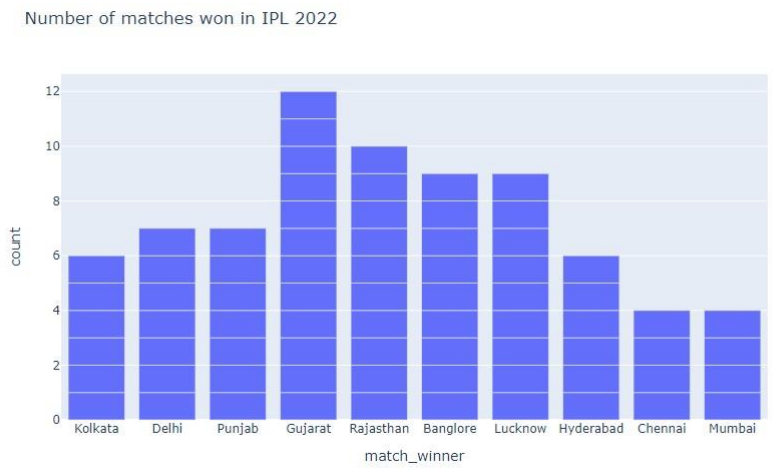
The dataset contains the following attributes:

1. Match id
2. Date
3. Venue
4. Team 1
5. Team 2
6. Stage
7. Toss winner
8. Toss decision
9. First innings score
10. First innings wickets
11. Second innings score
12. Second innings wickets
13. Match winner
14. Won by
15. Margin
16. Player of the match
17. Top scorer
18. High score
19. Best bowling
20. Best bowling figure

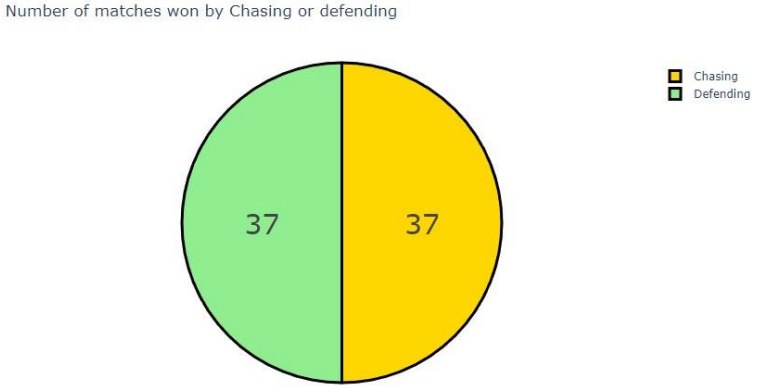
We are using plotly library to visualize the data and analyse it

ANALYSIS

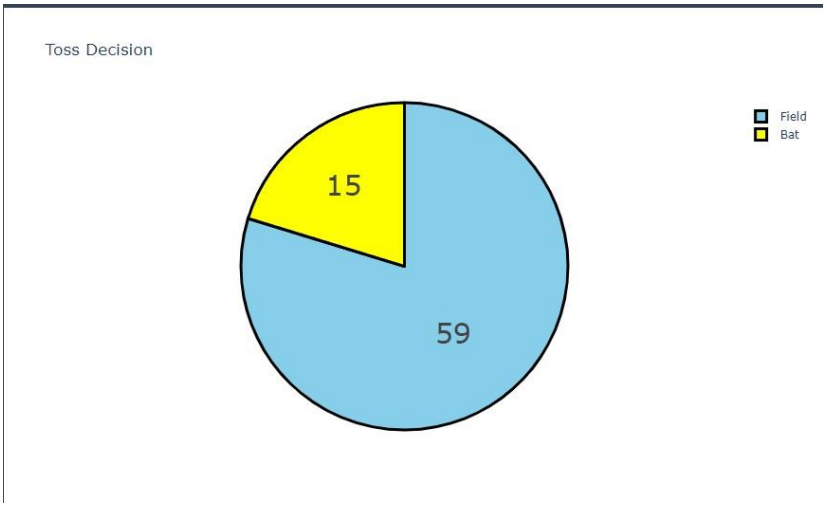
1. Number of matches won by each team



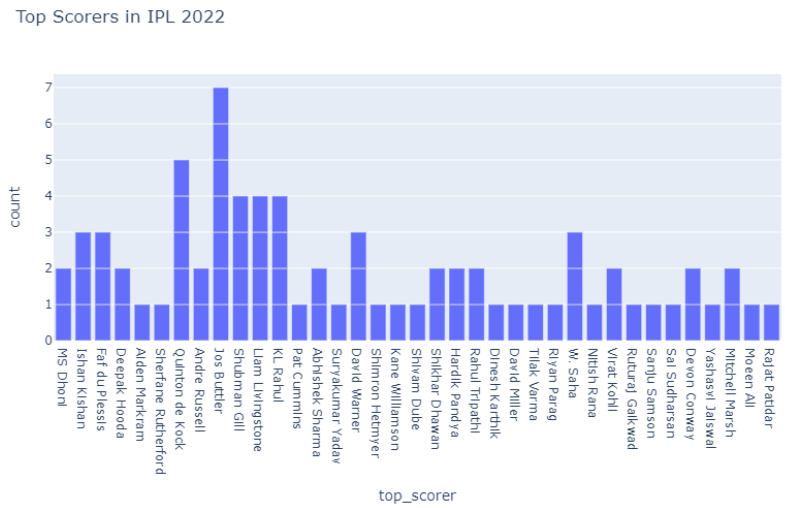
2. Number of matches won by chasing or defending



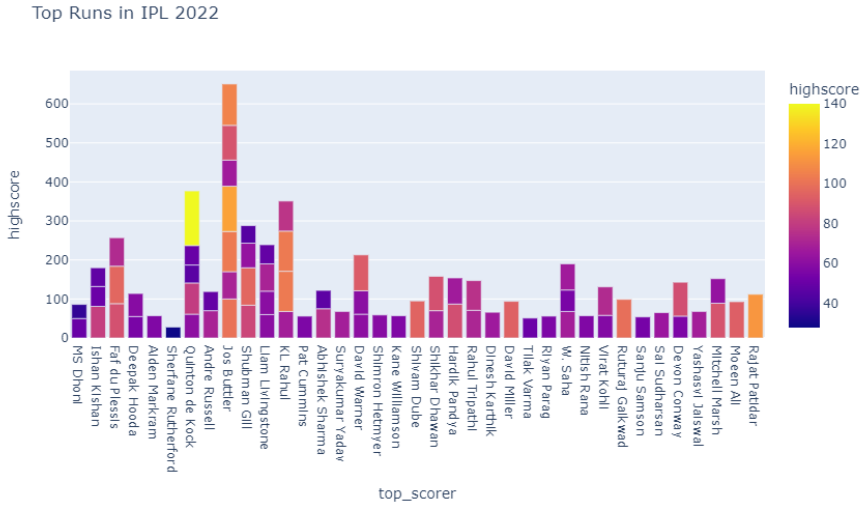
3. Toss Decision



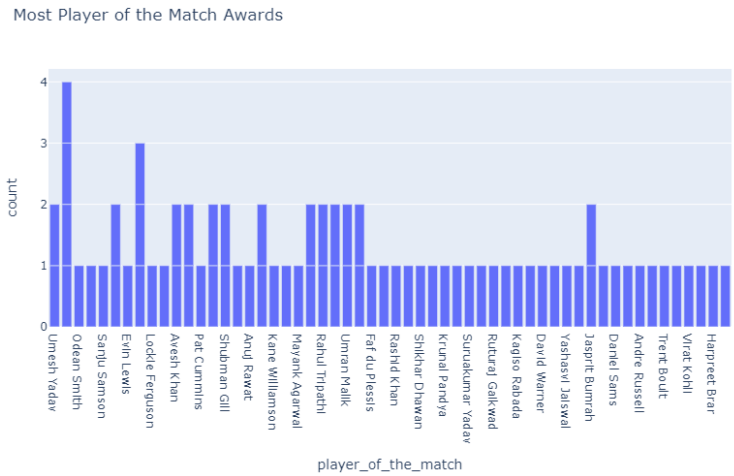
4. Top scorers of IPL 2022



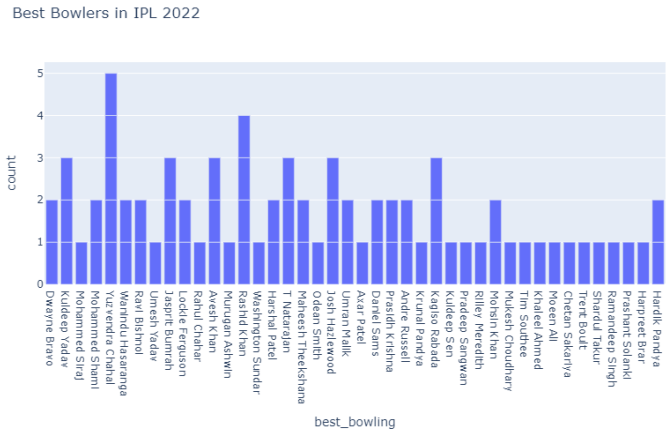
5. Runs scored by top scorers



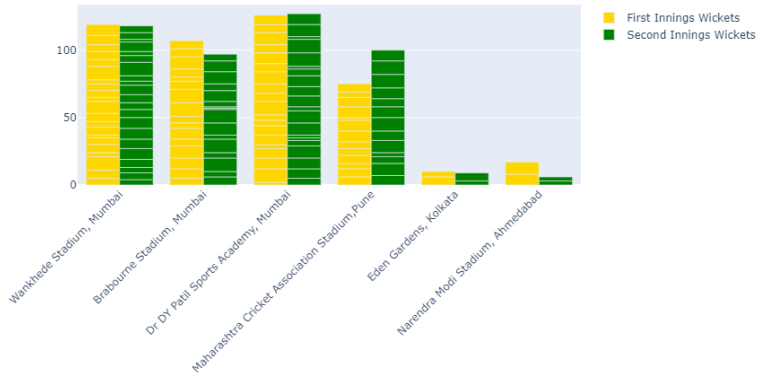
6. Most man of the match awards



7. Best Bowlers in IPL 2022



8. Most fall of Wickets



CONCLUSION

The plotly Python library is an interactive, open-source plotting library that supports over 40 unique chart types covering a wide range of statistical, financial, geographic, scientific, and 3-dimensional use-cases. Built on top of the Plotly JavaScript library (plotly.js), plotly enables Python users to create beautiful interactive web-based visualizations that can be displayed in Jupyter notebooks, saved to standalone HTML files, or served as part of pure Python-built web applications using Dash.
The plotly Python library is sometimes referred to as "plotly.py" to differentiate it from the JavaScript library.