

EXCEL DASHBOARD

IPL DATA ANALYSIS (2008-2017)

Introduction

IPL Data Analysis Dashboard encapsulates a wealth of information derived from raw match data, presenting it in an interactive and visually compelling format. Through a combination of key metrics and insightful visualizations, this dashboard aims to provide a deep understanding of the performances, trends, and critical moments that shape the excitement of IPL cricket.

Columns

mid, date, venue, bat_team, bowl_team, batsman, bowler, runs, wickets, overs, runs_last_5, wickets_last_5, striker, non-striker, total

Key Insights

1. Total Runs and Wickets by Team:

- This visualization provides a comparative view of how teams performed in terms of total runs scored and wickets taken. Teams with higher total runs might have a strong batting lineup, while teams with more wickets taken might have an effective bowling attack.

2. Average Runs per Match by Team:

- By calculating the average runs per match for each team, you can identify consistent high-scoring teams. This can hint at their overall batting strength and ability to set formidable targets.

3. Top Batsmen and Bowlers:

- This analysis showcases the standout players who contributed significantly with runs and wickets. Identifying top batsmen highlights consistent performers, while top bowlers represent those who consistently take wickets.

4. Runs and Wickets Progression during a Match:

- This visualization provides a dynamic view of runs scored and wickets taken as a match unfolds. Sudden spikes in wickets could indicate crucial breakthroughs, while steep runs progressions might suggest aggressive batting phases.

5. Run Rate Over Time:

- The run rate chart illustrates the tempo of a match's scoring. Periods of high run rates could coincide with power plays or late innings acceleration, while dips might show wickets falling in clusters.

6. Partnership Analysis:

- This analysis sheds light on successful batting partnerships. Long partnerships might signify stable innings building, while quick partnerships could indicate aggressive batting strategies.

Conclusion

Each of these visualizations and metrics offers a unique perspective into the dynamics of IPL matches. By combining and interpreting these insights, we can gain a comprehensive understanding of team and player performances, match progressions, and key moments that shape the excitement of the game.