



IPL ANALYSIS – FINAL REPORT

1. Introduction

This project analyzes historical IPL match and ball-by-ball data using Tableau. The goal was to explore team and player performances, toss impacts, and venue statistics, and to generate insights that could guide team strategies, player auctions, and fan engagement.

2. Analysis Performed

- Batting Analysis – Top Run Scorers, Most Sixes & Fours (Players & Teams)
- Bowling Analysis – Top Wicket-Takers, Zero-Wicket Bowlers, Top 5 Bowlers (Wickets vs Economy)
- Fielding Analysis – Top Catch Takers, Top Run Out Specialists
- Toss & Match Outcome – Toss Wins, Match Wins after Toss, Toss Decisions (Overall & Team-wise)
- Venue Analysis – Matches by City, Lucky Stadium for Top Teams
- Summary Dashboard – KPIs and Navigation

3. Key Insights

- Virat Kohli and Suresh Raina lead in total runs; Chris Gayle dominates sixes; Shikhar Dhawan in fours.
- Lasith Malinga, Dwayne Bravo, and Amit Mishra are top wicket-takers; best bowlers balance wickets & economy.
- AB de Villiers and Kieron Pollard are top in catches; MS Dhoni leads in stumpings and run-outs.
- Winning the toss gives a slight edge, but does not guarantee a win; most teams prefer fielding first.
- Mumbai Indians (MI) and Chennai Super Kings (CSK) are the most successful teams overall.

- Wankhede (Mumbai) and Chepauk (Chennai) are lucky stadiums for MI and CSK respectively.

4. Recommendations

- Teams should invest in bowlers with consistent wickets and low economy.
- Fielding specialists (high catches/run-outs) should be valued more in auctions.
- Teams should build batting strength around power-hitters and finishers.
- Continue preferring to field after winning the toss in pressure matches.
- Plan strategies for home stadium advantages.
- Use statistics (Best Six Hitter, Lucky Stadium) for fan engagement and broadcasting.

5. Conclusion

This IPL Analysis project demonstrates the power of sports analytics using Tableau. The dashboards allow interactive exploration of players, teams, toss outcomes, and venues. Insights like MI & CSK dominance, Gayle's six-hitting, Malinga's wicket-taking, and toss-fielding trends show how data can guide auction strategies, coaching, and fan engagement.