

Indian Premier League

Dataset Analysis (2008-2020)

Project Objective:

- ✓ To find out the about the best performing teams as well as the players which include batsmen, bowlers and all-rounders.
- ✓ Determining the player consistency over years.
- ✓ Finding out the best player from all three arenas in order to create a new team for upcoming IPL.

Note- Minimum criteria for both batsmen and bowlers is at least 500 bowls played or bowled respectively.

Task 1- Finding out the Top 10 players with highest strike rate.

Task 2- Finding out Top 10 players with good average who have played at least 2 IPL Seasons.

Task 3- Finding out Top 10 players with most runs in boundaries who have played at least 2 Seasons.

Task 4- Finding out Top 10 bowlers with best economy rate.

Task 5- Finding out Top 10 bowlers with good strike rate.

Task 6- Finding out Top 10 players with best bowling and batting strike rate.

Some additional queries to find:

1. Count of cities that have hosted an IPL match.
2. Creating a new table with column ball result which shows whether the ball was a boundary, dot or other.
3. Total number of boundaries and dot ball.
4. Total number of boundaries scored by each team.
5. Total number of dot balls bowled by each team.
6. Total number of dismissals by dismissals kinds where kind is NA.
7. Top 5 bowlers who conceded maximum extra runs.
8. Create another table including previous table and add two new columns venue and date.
9. Total runs scored at each venue.
10. Year wise total runs scored at eden gardens stadium.

