IPL DATA ANALYSIS

Filtering & Conditions

7. Find players with a batting average greater than 40.

8. List players with strike rate above 130.

9. Show players who have scored at least one century.

10. Find players who have never scored a fifty.

11. Display players who have hit more than 100 sixes.

12. Find players whose highest score (hs) is greater than 150.

Sorting & Limiting

13. Display players ordered by total runs (highest to lowest).

14. List top 5 run-scorers.

15. Show players sorted by batting average (ascending).

16. Display top 3 players with highest strike rate.

Aggregate Functions

17. Find the total runs scored by all players.

18. Calculate the average batting average of all players.

19. Find the maximum and minimum highest score (hs).

20. Count the total number of players.

21. Find total number of centuries scored by all players.

GROUP BY & HAVING

22. Find total runs scored by each team.

23. Calculate average strike rate per team.

24. Count number of players in each team.

25. Find teams with total runs greater than 5000.

26. Display teams having more than 3 players with centuries.

Advanced Queries

27. Find the player with the highest batting average.

28. Find the player who has faced the most balls (bf).

29. Display players who have more fours than sixes.

30. Find players with runs above the team's average runs.

31. Rank players based on total runs (using window functions).

Interview / Case-Based Questions

32. Find the **most consistent player** (high avg + low matches).

33. Identify **big hitters** (strike rate > 140 and sixes > 50).

34. Find players who perform best in fewer innings (high avg, low inn).

35. Determine which team has the best average strike rate.