EDS Activity No. 1

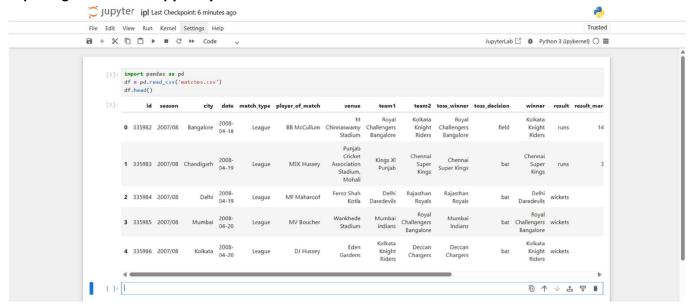
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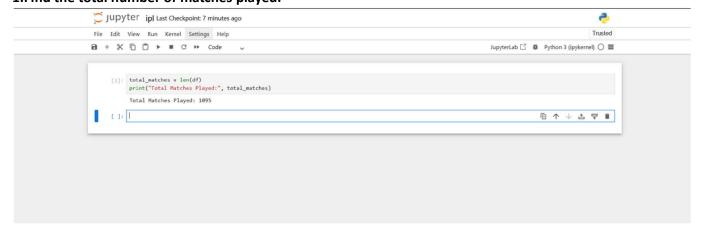
Dataset: IPL

Importing dataset into Jupyter Python Notebook



Problem Statements:

1. Find the total number of matches played.



2.Listing all unique cities where matches were played.

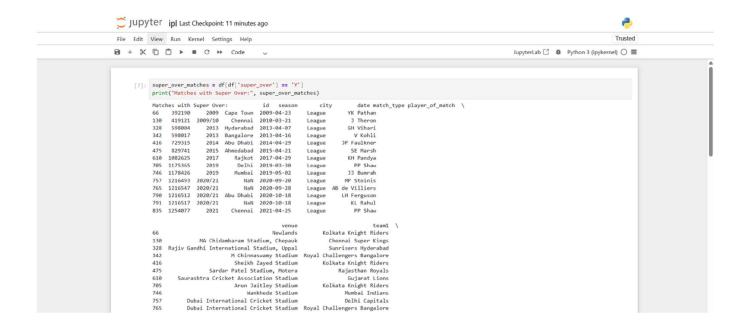
3. Finding out how many matches had a result decided by runs.



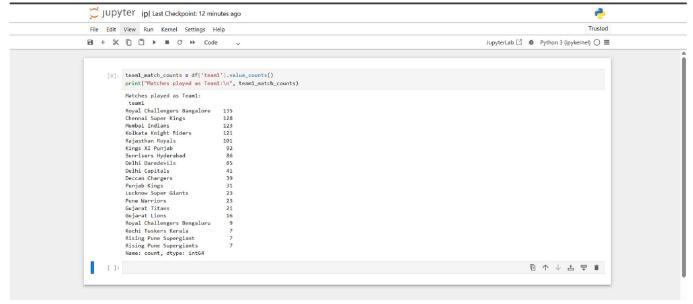
4. Find the player with the most 'Player of the Match' awards.



5. Find all matches where a Super Over was played.



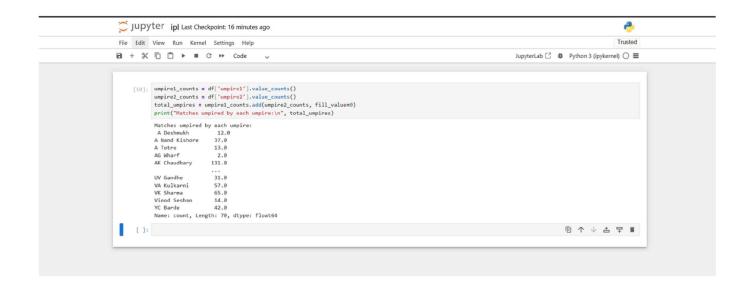
6.Count how many matches each team has played as Team1.



7. Find out which team won the maximum tosses.



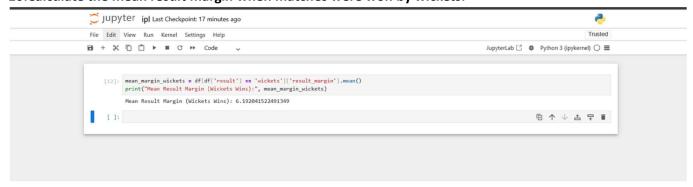
8. Find out the number of matches each umpire officiated.



9.List the top 5 cities that hosted the most matches.



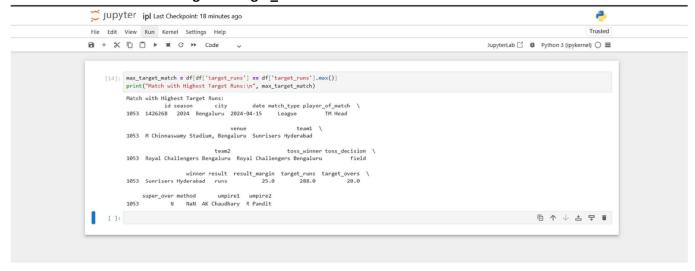
10. Calculate the mean result margin when matches were won by wickets.



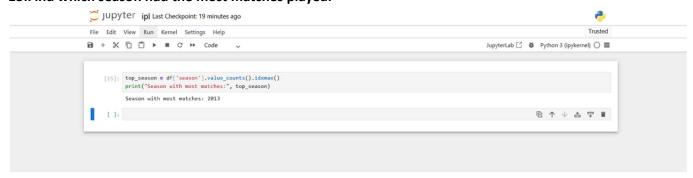
11. Find the total number of matches decided without using DLS method.



12. Find the match with the highest 'target_runs'.



13. Find which season had the most matches played.



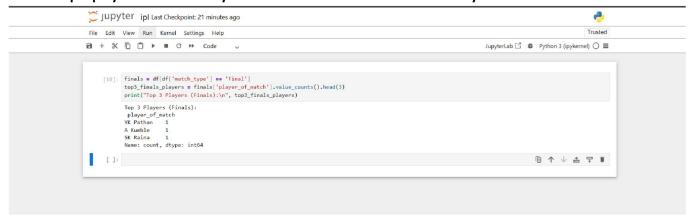
14. Find the percentage of matches where toss-winning team won the match.



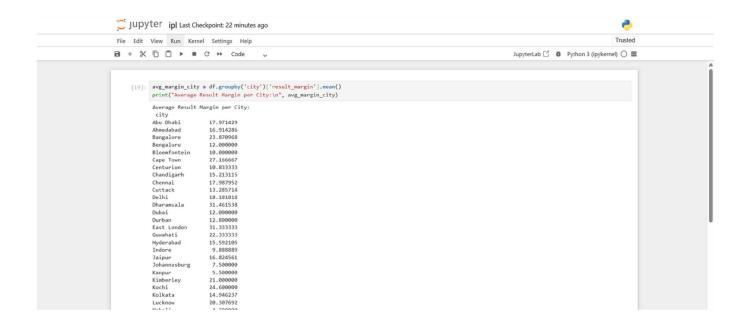
15.List matches where both teams belonged to the same city (if any)



16. Find top 3 players who won Player of the Match most often in finals only.



17. Group by city and find average 'result_margin' per city.



18. Using NumPy, find how many matches had a 'target_overs' of exactly 20.



19. Find the cities which hosted matches in multiple seasons.



20.List the matches where toss decision was to field but the team lost.

