

Letter from the Coach

Hello Josue and Tabassum,

Myself Jack Hudson and I've been a coach with the NBA for a while now. Lately, looking at the team's performances I've been wanting to sit with our strategy team and discuss some analysis of this past data I have from the NBA. It's pretty much raw data and we would like to have it structured and oriented in a way that is more readable and relatable. Please structure this data into a database repository and orient in a way that makes it more convenient to analyze. Do provide us with the diagrammatic map that would help us navigate through this database in future.

Moving forward below are some of the details that I need from you. Please do attach the snippets of the codes that you would be using for getting the information for record purposes.

Details Required:

1. It seems most of the time players missed a game due to soreness. Can you enumerate the number obtained on that? (top 5)
2. Which conference that lost the most games?
3. Top five reasons a player missed a game.
4. Top 5 scorers between 2003 and 2019.
5. Who is the player with most scored points in any one game? Please give the game id of that game.
6. Who is the player with most steals in any one game? Please give the game id of that game.
7. Who is the player with most blocks in any one game? Please give the game id of that game.
8. Who is the player with the least scored point in any one game? Please give the game id of that game.
9. Who is the player with the least steals in any one game? Please give the game id of that game.
10. Who is the player with the least blocks in any one game? Please give the game id of that game.
11. Who is the player with most assists in any one game? Please give the game id of that game.
12. Who is the player with least assists in any one game? Please give the game id of that game.
13. What are the names of the teams with maximum wins that played home last year?

14. What are the names of the teams with maximum wins that played away from home in the year 2010?
15. What are the names of the teams with maximum losses that played home last year?
16. What are the names of the teams with maximum losses that played away from home in the year 2010?
17. In the year 2019 irrespective of teams playing home or visitor, please give the list of top 10 team names and their maximum wins along with their founding year?
18. In the year 2015 irrespective of teams playing home or visitor, please give the list of top 10 team names and their maximum losses along with their founding year?
19. Which team played home the most in the past year?
20. In the year 2015, which teams had the most defensive rebound while playing home?
21. In the year 2015, which teams had the most defensive rebound while playing away?

Please do let us know if you need any assistance and we would be happy to help you out the best.

Best Regards,

Jack Hudson