

Hello Database Team member,

I am an instructor in a newly opened tennis club LUNA. Many students come to learn some basic tennis skills and desire to have personalized training. Professional tennis matches will be good examples for my students to understand them. So, could you help me by providing some practical suggestions to my students?

The questions will cover basic information about the match, the court, and some tennis skills. Hope the tennis terms will not make it difficult for you to understand. It is fine to use the public data collected between 2018 and 2022.

Basic Information

1. Will age be a big concern to the tennis player? Please analyze whether the older player will be likely to lose the game as well as the age distribution of the winner and the loser.
2. How long will each game take on average for different tourney levels and surfaces (i.e., clay, grass, and hard)? The expected time will help my students to wisely allocate their physical energy.
3. Is there a clear relationship between the surface and the number of aces and double faults in one game? Please analyze the average aces and double faults in each kind of surface.

Tennis Skills

4. Would you like to find the top 5 tennis players who finish the match faster with a winning rate over 0.8 in best-three-out-of-five matches? These players' skills may be very valuable for my students.
5. Some of my students feel panic when facing break points. Would you like to find the top 10 players who save the most break points they have faced and rank top 50 in 2022-09-12? Please order them by the descending order of the ratio of the break points saved to the break points faced, and then by the ascending order of average break points faced and player id.
6. Some young students want to learn ace because it is so cool! Could you find the top 10 players who have the average ace but the lowest double faults in each match? And I hope these players have ranked in the top 100 once after June 2022.

Tennis Player

7. Novak Djokovic is my favorite tennis player. Are there any changes in him in recent years like the aces, double faults, or the duration of the match? Please separately analyze the game he won and didn't win and the type of match (with 3 or 5 sets at maximum).
8. Can you find all the matches between Roger Federer and Rafael Nadal between 2018 and 2022?

Please provide all the queries and the answer. Hope it will not be so difficult. Thank you for helping me and my students in advance.

Thanks,
Andrew