

Thank you for providing a clear outline of your requirements, Emma. I have a **few questions** to ensure that I fully understand your needs and can provide the most accurate analysis possible.

1.In the ATP tennis dataset, do you have any specific players you would like me to focus on, or should I analyze all the players in the dataset?

- 2. Are there any particular time periods or specific tournaments you would like me to focus on when analyzing the historical data?
- 3. When analyzing performance on different surfaces, do you want me to focus on any specific surfaces, or should I consider all available surfaces in the dataset?
- 4. For the visualizations and summaries, do you have any preferences for the types of charts or graphs you would like to see?

Client B. Emma Brown

Thank you for your questions, Alex. Here are my answers:



- 1. I would like you to analyze all the players in the dataset, but if possible, please provide a separate analysis for the players from our academy.
- 2. Please focus on the last three years of data and prioritize the analysis of major tournaments such as Grand Slams, Masters 1000, and ATP Finals.
- **3.** When analyzing performance on different surfaces, please consider **all available surfaces** in the dataset, but pay special attention to **grass** since the *upcoming tournament in London will be played on grass*.
- 4. For the visualizations and summaries, I would like to see a mix of bar charts, line charts, and pie charts, as well as heatmaps for player matchups. Please use your expertise to choose the most appropriate visualization for each type of analysis. (pertain to 1, 2, 3)

I hope this information helps you provide the most accurate analysis possible. If you have any further questions or need clarification, please don't hesitate to ask.



Analysis Plan

- 1. Who are the top 10 ranked players in the dataset from the last five years? Result Type: List of player names along with their rankings.
- 2. What is the win rate of each of the top 10 players on grass courts in the last five years? Result Type: Data table with player names, number of matches played, number of matches won, and win rate percentage.
- 3. How do the top 10 players perform against each other in head-to-head matchups on grass courts in the last five years? Result Type: Matrix table displaying head-to-head win-loss records between each pair of the top 10 players.

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