1. **What the project does:**  
   This project connects to a MySQL database (Tennis\_Game), fetches data about tennis players, rankings, venues, and competitions, and displays it in an interactive Streamlit web dashboard. It allows users to filter the displayed player/ranking and competition data by country and category, and shows basic visualizations like player distribution and top-ranked players.
2. **Why the project is useful:**  
   It provides a user-friendly graphical interface to explore and analyze tennis data without needing direct database access or SQL knowledge. The filtering capabilities allow for focused views, and visualizations offer quick insights into player demographics and performance leaders.
3. **How users can get started with the project:**
   * **Prerequisites:** Ensure you have Python, pip, and a running MySQL server.
   * **Database:** Set up the Tennis\_Game database with the required tables (competitors, competitor\_rankings, complexes, venues, categories, competitions) and populate it with data.
   * **Connection:** Verify/update the database connection details (host, user, password, database) in the get\_connection function within the script.
   * **Install Libraries:** Install the necessary Python packages: pip install pymysql pandas streamlit plotly
   * **Run:** Execute the script using Streamlit: streamlit run your\_script\_name.py (replace your\_script\_name.py with the actual filename).
   * **Access:** Open the URL provided by Streamlit (usually http://localhost:8501) in your web browser.