**Cricket Player Performance Analysis Using SQL**

**1. Basic Queries (Simple SELECT, WHERE, ORDER BY)**

1. List all player names and their countries.  
   (Hint: Split from the “Player” column using LIKE or SUBSTRING\_INDEX)
2. Show the top 5 players with the highest runs.  
   (ORDER BY Runs DESC)
3. Which players have scored more than 10,000 runs?
4. List players who played more than 300 matches.

## ****2. Intermediate Queries (Functions, Filtering, Sorting)****

1. **Which player has the highest strike rate (SR)?**
2. **Find players whose batting average (Ave) is greater than 50 but have played fewer than 200 matches.**
3. **Show the top 5 players with the most centuries (100s).**
4. **Find the player with the highest individual score (HS).**

## ****3. Advanced Queries (Derived columns, Text functions, Aggregates)****

Now it gets interesting with logic and transformation.

1. **List all Indian players and sort them by total runs (highest first).**
2. **Extract the start year and end year from the “Span” column and show how many years each player played.**  
   (You’ll need SUBSTRING\_INDEX, CAST, or DATEDIFF logic)
3. **Find the top 3 players with the best average per ball faced (Runs/BF).**  
   (Create a calculated column)
4. **Find the players who have more 50s than 100**

## ****4. Business Insight Style (Real-World Interpretation)****

Perfect for your portfolio and mock interviews.

1. **Which player had the most consistent performance (highest average + strike rate combined)?**
2. **Who are the top 3 most impactful players (using a formula:** Runs + (100s\*25) + (50s\*10)**)**
3. **Which country has the most players in the top list?**  
   (Hint: Extract country from Player column and group)
4. **Find players who played during or after the year 2010 and had an average above 45**