IPL Data Analysis (2008-2020) Using SQL

🔍 **Objective:** Unveiling the intricacies and patterns within IPL data to gain insights into player performance, team strategies, and match dynamics.

🔍 Key Insights :

- **Player Performance**: AB de Villiers stood out as the Most Player of the Match, while Virat Kohli led in runs scored.

- **Venue Advantage**: Teams playing on their home ground exhibited higher winning percentages.

- **Team Records**: Royal Challengers Bangalore scored the highest single innings total of 263 runs, and Mumbai Indians had the most wins in a season (5 times), followed by Chennai Super Kings (3 times).

- **Match Records**: The biggest win by runs was Mumbai Indians' 146-run victory over Delhi Daredevils.

- **Power Play Dominance**: Mumbai Indians dominated the power play, scoring the most runs (9307 runs).

- **Total Runs Scored in IPL (Till 2020)**: 252,794
- **Total Number of Matches (Till 2020)**: 816
- **Total Number of Title Won by Team**: Mumbai Indians and Chennai Super Kings have won the highest number of matches.
- **Top Venues**: Eden Gardens, Feroz Shah Kotla, Wankhede Stadium
- **Most Runs by Any Batsman**: Virat Kohli
- **Most Sixes Hit by Any Batsman**: Chris Gayle
- **Most Fours Hit by Any Batsman's**: Shikhar Dhawan
- **Batsmen Who Scored 5000 Runs in IPL**: V. Kohli, S.K. Raina, D.A. Warner, R.G. Sharma, S. Dhawan

- **Top 5 Bowlers with More than 150 Wickets**: Lasith Malinga, Dwayne Bravo, Amit Mishra, Piyush Chawla, Harbhajan Singh

- **Umpire with the Most Appearances**: S. Ravi has umpired the most matches, totaling 124 appearances.

- **Highest Runs Scored in a Single Innings**: Royal Challengers Bangalore scored the highest single innings total of 263 runs.

- **Biggest Win by Runs Margin**: Mumbai Indians recorded the biggest win by runs margin against Delhi Daredevils, winning by a margin of 146 runs.

- **Most Runs in Power Play**: Mumbai Indians scored the most runs in the power play, accumulating a total of 9307 runs.

- **Team with the Most Season Wins**: Mumbai Indians hold the record for the highest number of season wins, clinching the title 5 times, followed by Chennai Super Kings with 3 wins.