




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.

A collage of Indian cricket players in various team uniforms (blue, red, yellow) in action, holding bats and celebrating. The background is a light grey gradient.

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).

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- A background image showing a group of cricket players in yellow and blue uniforms celebrating on a stage. One player in the center is holding a large silver trophy. Confetti is falling around them. The players are wearing jerseys with 'The Muthoot Group' and 'BIRLA AEROCON' logos. Some are wearing blue jerseys, others yellow. The scene is festive and celebratory.
- **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

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- **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.