TASKS ON MOST RUNS FROM 2008-2022 IPL(PROJECT\_1.SQL)

· Write a query to retrieve all columns from the table.

· Write a query to display the names of all players along with their highest scores (HS).

· Write a query to find the total number of matches played by all players combined.

· Write a query to find the players who scored more than 500 runs in the season.

· Write a query to display players with a strike rate (SR) greater than 140.

· Write a query to retrieve the details of players who scored at least one century (100).

· Write a query to list players in descending order of their average (Avg).

· Write a query to display the top 5 players based on the number of runs scored (Runs).

· Write a query to calculate the total number of runs scored by all players.

· Write a query to find the average strike rate (SR) of all players.

· Write a query to find the player with the highest batting average (Avg).

· Write a query to group players based on the number of centuries scored and count how many players belong to each group.

· Write a query to find players who have hit more than 20 sixes (6s).

TASKS ON MOST WICKETS FROM 2008-2022(WICKETS.SQL)

· Retrieve all players who have taken more than 15 wickets.

· List the players with an economy rate (Econ) of less than 7.5.

· Find the player with the **best average** (lowest Avg).

· Display the players in descending order of wickets taken.

· Retrieve the names of players who have bowled more than 50 overs.

* List the top 5 players based on their strike rate (SR).
* Find the player with the **highest number of 4-wicket hauls (4w)**.
* Retrieve the players who have bowled less than 40 overs but taken at least 12 wickets.
* Calculate the total number of wickets taken by all players combined.
* Display the player(s) with the **best bowling figures** (BBI).

· Calculate the average economy rate (Econ) of all players.

· Find the total number of overs bowled by all players.

· Group players by the number of matches played (Mat) and count how many players fall into each group.

· Identify the player(s) with the **lowest bowling average** (Avg) among those with at least 15 wickets.

· Find the total number of 5-wicket hauls (5w) across all players.

TASKS ON MOST DOTT BALS FROM 2009-2022(DOT\_BALLS.SQL)

· Retrieve all records from the dataset.

· Count the total number of records in the dataset.

· List all unique players, teams, venues, and match dates.

· Find all matches played by a specific player (e.g., "Sohail Tanvir").

· Retrieve all matches played at a specific venue (e.g., "Sawai Mansingh Stadium").

* Sort the records by runs conceded in ascending order.
* Rank players based on the number of wickets taken in a match.

· Calculate the total runs conceded by each player across all matches.

· Find the average strike rate (SR) for all players.

· Determine the total number of maidens bowled by each player.

· Group records by players and calculate their total wickets.

· Group records by venues and count the number of matches played at each venue.

· Group records by opponents and find the total runs conceded against each team.

· Identify the player with the best strike rate (minimum SR).

· Find the player who bowled the most dot balls in a match.

TASKS ON FASTEST\_CENTURY FROM 2008-2022

· Retrieve all columns and records from the dataset.

· List all unique players in the dataset.

· Retrieve records for a specific player (e.g., "Adam Gilchrist").

· Retrieve records for matches played at a specific venue (e.g., "DY Patil Stadium").

· Retrieve records for matches played on a specific date (e.g., "27-Apr-08").

· Calculate the total number of runs scored by all players.

· Find the average number of boundaries (4s + 6s) hit by all players.

· Count the number of matches played at each venue.

· Calculate the total number of sixes hit by all players.

· Find the maximum runs scored in a single match.

· Retrieve the top 5 highest scores in the dataset.

· List players who scored more than 100 runs.

· Retrieve players who hit more than 10 sixes in a match.

· List all matches played against a specific opponent (e.g., "MI").

· Retrieve records where a player hit more than 5 boundaries.

· Find the highest score made by a specific player.

· Calculate the total number of runs scored by each player.

· Find the player with the most sixes in a single match.

· Rank players based on their total runs scored in descending order.

Tasks on matches-played

· **Which team has the highest win rate (percentage of matches won)?**

· **What is the average number of runs scored by the winning team in each match?**

· **Which player has been awarded 'Man of the Match' the most in matches played at Wankhede Stadium?**

· **What is the total number of matches won by each team in Mumbai?**

· **Which team has the highest number of wins in matches where the toss winner chose to field?**

· **Which stadium has the most matches with a margin of victory greater than 50 runs?**

· **What is the average margin of victory for matches where the toss winner chose to bat?**

· **Which team has the highest number of wins with a margin of 6 wickets?**

· **Which player has the highest number of 'Man of the Match' awards in matches played at Dr DY Pa til Sports Academy?**

· **Which team won the most matches in 2024 (based on the year in the data)?**

· **What is the most common toss choice (bat or field) for matches held at Brabourne Stadium?**

· **Which team has the most wins by 4 wickets?**