**SQL QURIES USED FOR THE PROJECT**

1. Total Matches Played

SELECT COUNT(\*) AS total\_matches FROM matches;

**2. Total Deliveries**

SELECT COUNT(\*) AS total\_deliveries FROM deliveries;

**3. Top 5 Most Wins by Team**

SELECT winner, COUNT(\*) AS total\_wins

FROM matches

WHERE winner IS NOT NULL

GROUP BY winner

ORDER BY total\_wins DESC

LIMIT 5;

**4. Most Matches Per Venue**

SELECT venue, COUNT(\*) AS matches\_played

FROM matches

GROUP BY venue

ORDER BY matches\_played DESC;

**5. Toss Decision Stats**

SELECT toss\_decision, COUNT(\*) AS count

FROM matches

GROUP BY toss\_decision;

**6. Toss Winner and Match Winner**

SELECT toss\_winner, COUNT(\*) AS tosses\_won,

SUM(CASE WHEN toss\_winner = winner THEN 1 ELSE 0 END) AS also\_won\_match

FROM matches

GROUP BY toss\_winner

ORDER BY also\_won\_match DESC;

**7. Top Players of the Match Awards**

SELECT player\_of\_match, COUNT(\*) AS awards

FROM matches

GROUP BY player\_of\_match

ORDER BY awards DESC

LIMIT 10;

**8. Most Runs Scored by a Team**

SELECT batting\_team, SUM(total\_runs) AS total\_runs

FROM deliveries

GROUP BY batting\_team

ORDER BY total\_runs DESC;

**9. Batsmen with Most Runs**

SELECT batsman, SUM(batsman\_runs) AS total\_runs

FROM deliveries

GROUP BY batsman

ORDER BY total\_runs DESC

LIMIT 10;

**10. Number of Matches Each Season**

SELECT season, COUNT(\*) AS matches

FROM matches

GROUP BY season

ORDER BY season;

**11. Total Runs per Season**

SELECT m.season, SUM(d.total\_runs) AS total\_runs

FROM matches m

JOIN deliveries d ON m.id = d.match\_id

GROUP BY m.season

ORDER BY m.season;

**12. Dismissals by Type**

SELECT dismissal\_kind, COUNT(\*) AS count

FROM deliveries

WHERE dismissal\_kind IS NOT NULL

GROUP BY dismissal\_kind

ORDER BY count DESC;