MEN'S T20 WORLD CUP 2024

9 JUN 2024

VS

INDIA   **PAKISTAN**

1. List all players who hit at least two four.
2. Find the player who scored the highest runs.
3. Find the total number of boundaries (fours and sixes) hit by India.
4. Find the Top three Player with the highest strike rate.
5. Find the player with the lowest strike rate who scored at least 10 runs.
6. Find the Top 3 economy rate of bowler
7. List the bowlers who did not take any wickets.
8. List all players who were not out
9. Find the number of players who were caught out.
10. Find the Bowler Who bowled the most economical overs (lowest runs conceded per over)
11. List the top 3 players with the highest individual scores from each team.
12. Calculate total runs scored by each team and Run Rate ignoring Extra runs

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```
CREATE TABLE Batting (
    player_name VARCHAR(50) NOT NULL,
    team VARCHAR(3) NOT NULL,
    runs INT  NULL,
    balls_faced INT  NULL,
    fours INT DEFAULT 0,
    sixes INT DEFAULT 0,
    is_out BIT DEFAULT 0,
    out_method VARCHAR(50),
    bowler VARCHAR(50),
    fielder VARCHAR(50)
);

CREATE TABLE Bowling (
    bowler_name VARCHAR(50) NOT NULL,
    team VARCHAR(3) NOT NULL,
    overs INT NOT NULL,
    maidens INT DEFAULT 0,
    runs_conceded INT NOT NULL,
    wickets INT DEFAULT 0
);
```

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```sql
INSERT INTO Bowling (bowler_name, team, overs, maidens, runs_conceded, wickets)
VALUES
('Arshdeep Singh', 'IND', 4, 0, 31, 1),
('Mohammed Siraj', 'IND', 4, 0, 19, 0),
('Jasprit Bumrah', 'IND', 4, 0, 14, 3),
('Hardik Pandya', 'IND', 4, 0, 24, 2),
('Ravindra Jadeja', 'IND', 2, 0, 10, 0),
('Axar Patel', 'IND', 2, 0, 11, 1);

INSERT INTO Bowling (bowler_name, team, overs, maidens, runs_conceded, wickets)
VALUES
('Shaheen Afridi', 'PAK', 4, 0, 29, 1),
('Naseem Shah', 'PAK', 4, 0, 21, 3),
('Mohammad Amir', 'PAK', 4, 0, 23, 2),
('Iftikhar Ahmed', 'PAK', 1, 0, 7, 0),
('Imad Wasim', 'PAK', 3, 0, 17, 0),
('Haris Rauf', 'PAK', 3, 0, 21, 3);
```

IND Vs Pak
Match Analysis Questions

INSERT INTO Batting (player_name, team, runs, balls_faced, fours, sixes, is_out, out_method, bowler, fielder)
VALUES
('Rohit Sharma', 'IND', 13, 12, 1, 1, 1, 'caught', 'Shaheen Afridi', 'Haris Rauf'),
('Virat Kohli', 'IND', 4, 3, 1, 0, 1, 'caught', 'Naseem Shah', 'Usman Khan'),
('Rishabh Pant', 'IND', 42, 31, 6, 0, 1, 'caught', 'Mohammad Amir', 'Babar Azam'),
('Axar Patel', 'IND', 20, 18, 2, 1, 1, 'bowled', 'Naseem Shah', NULL),
('Suryakumar Yadav', 'IND', 7, 8, 1, 0, 1, 'caught', 'Haris Rauf', 'Mohammad Amir'),
('Shivam Dube', 'IND', 3, 9, 0, 0, 1, 'caught & bowled', 'Naseem Shah', NULL),
('Hardik Pandya', 'IND', 7, 12, 1, 0, 1, 'caught', 'Haris Rauf', 'Iftikhar Ahmed'),
('Ravindra Jadeja', 'IND', 0, 1, 0, 0, 1, 'bowled', 'Mohammad Amir', NULL),
('Arshdeep Singh', 'IND', 9, 13, 1, 0, 1, 'run out', NULL, 'Babar Azam / Mohammad Rizwan'),
('Jasprit Bumrah', 'IND', 0, 1, 0, 0, 1, 'bowled', 'Haris Rauf', NULL),
('Mohammed Siraj', 'IND', 7, 7, 0, 0, 0, NULL, NULL, NULL);

INSERT INTO Batting (player_name, team, runs, balls_faced, fours, sixes, is_out, out_method, bowler, fielder)
VALUES
('Mohammad Rizwan', 'PAK', 31, 44, 1, 1, 1, 'bowled', 'Jasprit Bumrah', NULL),
('Babar Azam', 'PAK', 13, 10, 2, 0, 1, 'caught', 'Jasprit Bumrah', 'Suryakumar Yadav'),
('Usman Khan', 'PAK', 13, 15, 1, 0, 1, 'lbw', 'Axar Patel', NULL),
('Fakhar Zaman', 'PAK', 13, 8, 1, 1, 1, 'caught', 'Hardik Pandya', 'Rishabh Pant'),
('Imad Wasim', 'PAK', 15, 23, 1, 0, 1, 'caught', 'Arshdeep Singh', 'Rishabh Pant'),
('Shadab Khan', 'PAK', 4, 7, 0, 0, 1, 'caught', 'Hardik Pandya', 'Rishabh Pant'),
('Iftikhar Ahmed', 'PAK', 5, 9, 0, 0, 1, 'caught', 'Jasprit Bumrah', 'Arshdeep Singh'),
('Shaheen Afridi', 'PAK', 0, 1, 0, 0, 0, NULL, NULL, NULL),
('Naseem Shah', 'PAK', 10, 4, 2, 0, 0, NULL, NULL, NULL),
('Haris Rauf', 'PAK', NULL, NULL, NULL, NULL, NULL, NULL, NULL, NULL),
('Mohammad Amir', 'PAK', NULL, NULL, NULL, NULL, NULL, NULL, NULL, NULL);

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Match Analysis Questions

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player_name	team	runs	balls_faced	fours	sixes	is_out	out_method	bowler
Rohit Sharma	IND	13	12	1	1	1	caught	Shaheen Afridi
Virat Kohli	IND	4	3	1	0	1	caught	Naseem Shah
Rishabh Pant	IND	42	31	6	0	1	caught	Mohammad Amir
Axar Patel	IND	20	18	2	1	1	bowled	Naseem Shah
Suryakumar Yadav	IND	7	8	1	0	1	caught	Haris Rauf
Shivam Dube	IND	3	9	0	0	1	caught & bowled	Naseem Shah
Hardik Pandya	IND	7	12	1	0	1	caught	Haris Rauf
Ravindra Jadeja	IND	0	1	0	0	1	bowled	Mohammad Amir
Arshdeep Singh	IND	9	13	1	0	1	run out	NULL
Jasprit Bumrah	IND	0	1	0	0	1	bowled	Haris Rauf
Mohammed Siraj	IND	7	7	0	0	0	NULL	NULL
Mohammad Rizwan	PAK	31	44	1	1	1	bowled	Jasprit Bumrah
Babar Azam	PAK	13	10	2	0	1	caught	Jasprit Bumrah
Usman Khan	PAK	13	15	1	0	1	lbw	Axar Patel
Fakhar Zaman	PAK	13	8	1	1	1	caught	Hardik Pandya
Imad Wasim	PAK	15	23	1	0	1	caught	Arshdeep Singh
Shadab Khan	PAK	4	7	0	0	1	caught	Hardik Pandya
Iftikhar Ahmed	PAK	5	9	0	0	1	caught	Jasprit Bumrah
Shaheen Afridi	PAK	0	1	0	0	0	NULL	NULL
Naseem Shah	PAK	10	4	2	0	0	NULL	NULL
Haris Rauf	PAK	NULL	NULL	NULL	NULL	NULL	NULL	NULL
Mohammad Amir	PAK	NULL	NULL	NULL	NULL	NULL	NULL	NULL

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INDIA VS **PAKISTAN**

bowler_name	team	overs	maidens	runs_conceded	wickets
Arshdeep Singh	IND	4	0	31	1
Mohammed Siraj	IND	4	0	19	0
Jasprit Bumrah	IND	4	0	14	3
Hardik Pandya	IND	4	0	24	2
Ravindra Jadeja	IND	2	0	10	0
Axar Patel	IND	2	0	11	1
Shaheen Afridi	PAK	4	0	29	1
Naseem Shah	PAK	4	0	21	3
Mohammad Amir	PAK	4	0	23	2
Iftikhar Ahmed	PAK	1	0	7	0
Imad Wasim	PAK	3	0	17	0
Haris Rauf	PAK	3	0	21	3

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INDIA VS PAKISTAN

1. List all players who hit at least two four.
SELECT player_name **FROM** Batting **WHERE** fours >=2 ;

player_name
Rishabh Pant
Axar Patel
Babar Azam
Naseem Shah

2. Find the player who scored the highest runs.
SELECT TOP 1 player_name, runs **FROM** Batting **ORDER BY** runs DESC;

player_name	runs
Rishabh Pant	42

3.Find the total number of boundaries (fours and sixes) hit by India.
SELECT SUM(fours) + SUM(sixes) AS total_boundaries **FROM** Batting **WHERE** team = 'IND';

total_boundaries
15

4.Find the Top three Player with the highest strike rate.

player_name	strike_rate
Naseem Shah	250
Fakhar Zaman	162.5
Rishabh Pant	135.48

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5. Find the Top 3 player with the lowest strike rate who scored at least 10 runs.
SELECT TOP 3 player_name, **ROUND**((CAST(runs AS FLOAT) * 100.0 / balls_faced),2) AS strike_rate
FROM Batting
WHERE runs >= 10
ORDER BY strike_rate **ASC**;

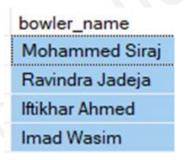| player_name	strike_rate
Imad Wasim	65.22
Mohammad Rizwan	70.45
Usman Khan	86.67

6. Find the Top 3 economy rate of bowler.
SELECT Top 3 bowler_name, round((cast(runs_conceded as float) / overs),2) AS economy_rate **FROM** Bowling **order by** 2 asc

bowler_name	economy_rate
Jasprit Bumrah	3.5
Mohammed Siraj	4.75
Ravindra Jadeja	5

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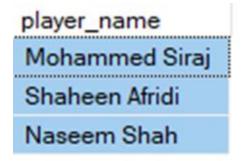
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7. List the bowlers who did not take any wickets.
SELECT bowler_name **FROM** Bowling **WHERE** wickets = 0;

bowler_name
Mohammed Siraj
Ravindra Jadeja
Iftikhar Ahmed
Imad Wasim

8. List all players who were not out
SELECT player_name **FROM** Batting **WHERE** is_out = 0;

player_name
Mohammed Siraj
Shaheen Afridi
Naseem Shah

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INDIA VS PAKISTAN

9. Find the number of players who were caught out.
SELECT COUNT(*) AS caught_out_count **FROM** Batting
 WHERE out_method = 'caught'
OR out_method = 'caught & bowled';

caught_out_count
11

10. Who bowled the most economical overs (lowest runs conceded per over)?
SELECT TOP 1 bowler_name,
(CAST(runs_conceded AS FLOAT) / CAST(overs AS FLOAT)) AS economy_rate
FROM Bowling
 ORDER BY
economy_rate **ASC**;

bowler_name	economy_rate
Jasprit Bumrah	3.5

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11. List the top 3 players with the highest individual scores from each team.

```
WITH RankedScores AS (
   SELECT player_name, team, runs,
   ROW_NUMBER() OVER (PARTITION BY team ORDER BY
   runs DESC) AS rank
   FROM Batting
)
SELECT player_name, team, runs
FROM RankedScores
WHERE rank <= 3
ORDER BY team, rank;
```

player_name	team	runs
Rishabh Pant	IND	42
Axar Patel	IND	20
Rohit Sharma	IND	13
Mohammad Rizwan	PAK	31
Imad Wasim	PAK	15
Babar Azam	PAK	13

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12. Calculate total runs scored by each team and Run Rate ignoring Extra runs

WITH TeamRuns AS (
  SELECT team, SUM(runs) AS total_runs **FROM** Batting
  GROUP BY team
),
OpponentOvers AS (
  SELECT CASE
  WHEN team = 'IND' THEN 'PAK'
  WHEN team = 'PAK' THEN 'IND' END AS batting_team,
  SUM(overs) AS total_overs **FROM** Bowling
  GROUP BY team
)
  SELECT r.team,
  r .total_runs,
  o.total_overs,
  ROUND(CAST(r.total_runs AS
  FROM TeamRuns r
  Inner JOIN OpponentOvers o ON r.team = o.batting_team;

team	total_runs	total_overs	run_rate
IND	112	19	5.89
PAK	104	20	5.2

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INDIA **VS** PAKISTAN

INDIA WON BY 6 RUNS

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PLAYER OF THE MATCH

JASPRIT BUMRAH

Player Of The Match:
Jasprit Bumrah

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