

An overall analysis of the
tournament

The Cricket World Cup,
officially known as ICC
Men's Cricket World
Cup, is the
international
championship of One
Day International
cricket.

Analysing The Cricket World Cup 2023



Aim of analysing the world cup 2023 data!

- ◆ The Cricket World Cup 2023 can provide valuable insights into player performance, form, and potential emerging talent.
- ◆ Using the World Cup data selectors can formulate their strategies for player auctions. Consider the balance of their squad, the roles each player will fulfill, and the team's overall strategy.
- ◆ The performance in international tournaments may not always directly translate to success in domestic T20 leagues, but it can provide valuable insights into a player's current form and abilities. Additionally, staying updated with the latest news and player developments is essential for making informed decisions as a team owner.

NOTE: Final match data is not included in the analysis



Top 5 best performing batters through out the world cup

```
SELECT player AS Batter_name,  
        SUM(runs) AS Total_runs  
FROM world_cup  
WHERE bat_or_bowl = 'bat'  
GROUP BY 1  
ORDER BY 2 DESC  
LIMIT 5
```

	batter_name character varying (50) 	total_runs bigint 
1	Kohli (IND)	765
2	RG Sharma (IND)	597
3	Q de Kock (SA)	594
4	R Ravindra (NZ)	578
5	DJ Mitchell (NZ)	552



Top 5 wicket taking bowlers throughout the tournament

```
SELECT player AS Bowler_name,  
        SUM(wkt) Total_wickets  
FROM world_cup  
WHERE bat_or_bowl = 'bowl'  
GROUP BY player  
ORDER BY 2 DESC  
LIMIT 5
```

	bowler_name character varying (50) 	total_wickets bigint 
1	Mohammed Shami (IND)	24
2	A Zampa (AUS)	23
3	D Madushanka (SL)	21
4	JJ Bumrah (IND)	20
5	G Coetzee (SA)	20



The total runs scored by each the teams

```
SELECT team,  
        SUM(runs) AS Total_Runs_Scored  
FROM world_cup  
WHERE bat_or_bowl = 'bat'  
GROUP BY 1  
ORDER BY 2 DESC
```

team character varying (4) 	total_runs_scored bigint 
IND	3038
AUS	2945
SA	2773
NZ	2712
PAK	2220
ENG	2135
AFG	1990
BAN	1944
SL	1942
NED	1728

Find out the total wickets taken by the teams

```
SELECT team, SUM(wkt)AS  
    Total_wickets_Taken  
FROM world_cup  
WHERE bat_or_bowl =  
    'bowl'  
GROUP BY 1  
ORDER BY 2 DESC
```

team character varying (4) 	total_wickets_taken bigint 
IND	98
SA	88
AUS	86
NZ	71
PAK	65
ENG	65
NED	63
AFG	53
BAN	51
SL	50

Highest run scored by a player in each team

WITH cte AS(

SELECT team, player,SUM(runs) AS
total_runs,

RANK() OVER(PARTITION BY team
ORDER BY SUM(runs) DESC) AS rnk

FROM world_cup

WHERE bat_or_bowl = 'bat'

GROUP BY 1,2

)

SELECT team,player,total_runs

FROM cte

WHERE rnk = 1

team character varying (4)	player character varying (50)	total_runs bigint
AFG	Ibrahim Zadran (AFG)	376
AUS	DA Warner (AUS)	535
BAN	Mahmudullah (BAN)	328
ENG	DJ Malan (ENG)	404
IND	Kohli (IND)	765
NED	SA Engelbrecht (NED)	300
NZ	R Ravindra (NZ)	578
PAK	Mohammad Rizwan (P...	395
SA	Q de Kock (SA)	594
SL	S Samarawickrama (SL)	373

Highest wicket taking players in every teams

```
SELECT team, player, total_wicket
FROM(
    SELECT team, player,SUM(wkt) AS
    total_wicket,
    RANK() OVER(PARTITION BY team ORDER
    BY SUM(wkt) DESC) AS rnk
    FROM world_cup
    WHERE bat_or_bowl = 'bowl'
    GROUP BY 1,2
) AS abcd
WHERE rnk = 1
```

team character varying (4)	player character varying (50)	totalRuns bigint
AFG	Rashid Khan (AFG)	11
AUS	A Zampa (AUS)	23
BAN	Mehidy Hasan Miraz (BAN)	10
BAN	Shoriful Islam (BAN)	10
ENG	AU Rashid (ENG)	15
IND	Mohammed Shami (IND)	24
NED	BFW de Leede (NED)	16
NZ	MJ Santner (NZ)	16
PAK	Shaheen Shah Afridi (PAK)	18
SA	G Coetzee (SA)	20
SL	D Madushanka (SL)	21

Batters who have reached a half century



```
SELECT player, COUNT(runs) AS  
    fifty_count  
FROM world_cup  
WHERE bat_or_bowl = 'bat'  
AND runs BETWEEN 50 AND 99  
GROUP BY 1  
ORDER BY 2 DESC
```

player character varying (50)	fifty_count bigint
Kohli (IND)	6
P Nissanka (SL)	4
Shubman Gill (IND)	4
Babar Azam (PAK)	4
Abdullah Shafique (PAK)	3
Hashmatullah Shahidi (AFG)	3
RG Sharma (IND)	3
Azmatullah Omarzai (AFG)	3
AK Markram (SA)	3
JE Root (ENG)	3

AND MANY MORE...

Batters who have scored a century of runs

```
SELECT player, COUNT(runs)
       no_of_century
FROM world_cup
WHERE bat_or_bowl = 'bat'
AND runs BETWEEN 100 AND 199
GROUP BY 1
ORDER BY 2 DESC
```

player character varying (50) 	no_of_century bigint 
Q de Kock (SA)	4
Kohli (IND)	3
R Ravindra (NZ)	3
TM Head (AUS)	2
MR Marsh (AUS)	2
SS Iyer (IND)	2
DJ Mitchell (NZ)	2
DA Warner (AUS)	2
HE van der Dussen (SA)	2
DA Miller (SA)	1

AND MANY MORE...

Create the best team in world cup !

```
(SELECT player, SUM(runs), 'Batter' AS Roles
FROM world_cup
GROUP BY 1
ORDER BY 2 DESC
LIMIT 6)
UNION
(SELECT player,SUM(wkt), 'Bowler' AS Roles
FROM world_cup
WHERE bat_or_bowl = 'bowl'
GROUP BY player
ORDER BY 2 DESC
LIMIT 5)
ORDER BY Roles
```

	player character varying (50)	sum bigint	roles text
1	Azmatullah Omarzai (AFG)	623	Batter
2	GJ Maxwell (AUS)	730	Batter
3	BFW de Leede (NED)	626	Batter
4	R Ravindra (NZ)	971	Batter
5	Kohli (IND)	780	Batter
6	PJ Cummins (AUS)	643	Batter
7	JJ Bumrah (IND)	20	Bowler
8	A Zampa (AUS)	23	Bowler
9	Mohammed Shami (IND)	24	Bowler
10	G Coetzee (SA)	20	Bowler
11	D Madushanka (SL)	21	Bowler

Note: Players have been selected on the basis of their batting score and wicket taken