

ICC MENS T20 WORLD CUP 2024

ANALYSIS BY SQL



OVERVIEW

This dataset contains detailed statistics from the ICC Men's T20 World Cup 2024. It includes match results, batting statistics of all players, and bowling statistics of all players. The data is structured to facilitate in-depth analysis of team performances, individual player contributions, and overall tournament trends.



Q1 . List all players in the dataset

```
select `player_name` from world_cup
```

	player_name
	AC Agar
	DS Airee
	MM Ali
	Ali Khan
	FH Allen
	CJA Amini
	CJ Anderson

	count(`player_name`)
▶	247



Q2 . Find the total number of matches played by each team.

```
SELECT `Team`, COUNT(DISTINCT `Match`)  
AS total_matches FROM  
World_cup group by `team`;
```



	Team	total_matches
▶	Afghanistan	5
	Australia	4
	Bangladesh	4
	Canada	3
	England	4
	India	2
	Ireland	2
	Namibia	4
	Nepal	3
	Netherlands	2
	New Zealand	4
	Oman	4
	Pakistan	4
	Papua New...	3
	Scotland	1
	South Africa	2
	Sri Lanka	3
	Uganda	4
	United Stat...	3



Q 3 .Retrieve the names and teams of players who scored a century

```
select `player name` , `team` from world_cup  
where century>0;
```

	Player name	Team



Q4. Get the highest score of each player

```
select `player name`, `highest score` from world_cup ;
```

	player name	highest score
▶	NP Kenjige	1
	Aaron Jones	94*
	Aasif Sheikh	42
	Abbas Afridi	17
	F Achelam	9
	MR Adair	34
	AC Agar	2
	DS Airee	25
	MM Ali	25
	Ali Khan	14*
	FH Allen	26
	CJA Amini	17
	CJ Anderson	29
	Aqib Ilyas	18
	JC Archer	21
	Arshdeep Si...	9
	KIC Asalanka	46
	PS Athavale	54
	...	117



Q5 .Find the total runs scored by each player

```
select `player name` , sum(distinct `runs`)
as total_runs
from world_cup
group by `player name`;
```

	player name	total_runs
▶	A Balbirnie	22
	A Bohara	0
	A Dutt	25
	A Johnson	89
	A Nao	21
	A Nortje	1
	A Vala	30
	A Zampa	9
	Aaron Jones	162
	Aasif Sheikh	63
	Abbas Afridi	17
	AC Agar	2
	AD Mathews	62



Q6 .List players who have a batting average (Ave) greater than 50

```
select player name from world_cup  
where ave>50;
```

player name
RD Berrington
HC Brook
SD Hope
B McMullen



Q 7 .Find the players with a strike rate (SR) above 100

```
select `player_name` from world_cup  
where `sr` > 100;
```



player name
Aaron Jones
MR Adair
MM Ali
Ali Khan
Aqib Ilyas
JC Archer
KIC Asalanka
PS Athavale
Azmatullah Omarzai
Babar Azam
JM Bairstow
DS Bajwa
RD Berrington



Q8 .Retrieve the names of players who have never been out (Not out) in any inning

```
SELECT Player_name FROM World_cup WHERE Not_out > 0;
```

	Player name
▶	Aaron Jones
▶	Ali Khan
▶	CJ Anderson
▶	JC Archer
▶	Arshdeep Singh
▶	Ayaan Khan
▶	Babar Azam
▶	JM Bairstow
▶	RD Berrington
▶	Bilal Khan
▶	TA Boult
▶	JT Brassell
▶	HC Brook
▶	JC Buttler
▶	RI Chase



Q9 .Get the average runs scored by players who have scored at least one fifty

```
SELECT AVG(`runs`)AS average_runs FROM World_cup WHERE `fifty` > 0;
```

	average_runs
▶	153.2647



Q10 .Find the total number of centuries scored by players from each team

```
select `team` , count(`century`) as total_century_by_team from world_cup  
group by `team`;
```

	team	total_century_by_team
►	United States of America	14
	Nepal	13
	Pakistan	13
	Uganda	15
	Ireland	11
	Australia	12
	England	12
	New Zealand	14
	Papua New Guinea	13
	Oman	15
	India	11
	Sri Lanka	12
	Afghanistan	13
	Canada	10
	Scotland	7
	Namibia	14
	West Indies	13
	South Africa	10



Q11. Find the player with the highest score in the dataset

```
select `player name`, `runs` from world_cup order by `runs` desc  
limit 1;
```

	player.name	runs
▶	Rahmanullah Gurbaz	281



Q12.Find the player with the highest individual score in the dataset

```
select `player name`, `highest score` from world_cup  
order by `highest score` desc limit 1;
```

	player name	highest score
▶	N Pooran	98



Q13. Retrieve the names of players who have scored more runs than their average times the number of innings they've played

```
select `player name` from world_cup where `runs` > `ave` * `inning` ;
```

player name
MR Adair
DS Airee
CJA Amini
KIC Asalanka
PS Athavale
Azmatullah Omarzai
A Balbirnie
Bilal Khan
JT Brassell
C Campher
J Charles
NS Dhaliwal
Fazalhaq Farooqi
JN Frylinck
CN Greaves
ZE Green
Gulsan Jha
Haris Rauf
JR Hazlewood
Ibrahim Zadran



Q14.Get the top 5 players with the highest strike rates (SR)

```
select `player name` , `runs` from world_cup order by `runs` desc  
limit 5 ;
```

	player name	runs
▶	Rahmanullah Gurbaz	281
	RG Sharma	257
	TM Head	255
	Q de Kock	243
	Ibrahim Zadran	231



Q15. Calculate the total number of runs scored by each team and rank them from highest to lowest

```
SELECT `Team`, SUM(`Runs`) AS total_team_runs  
FROM World_cup GROUP BY `Team`  
ORDER BY total_team_runs DESC;
```

	Team	total_team_runs
▶	India	1201
	South Africa	1058
	West Indies	1056
	Australia	981
	Afghanistan	922
	England	856
	United States of America	829
	Bangladesh	819
	Scotland	544
	Pakistan	460
	Netherlands	443
	Canada	409
	Oman	407
	Namibia	388
	Sri Lanka	384
	Papua New Guinea	329
	New Zealand	307
	Ireland	293
	Nepal	276
	Uganda	178



THANK YOU

