

## SQL Queries

1. How many wickets taken by Deepak Chahar against BAN in t20 match.

```
select "Wickets" from "statistics" s
natural join
(select distinct "Match_ID" from "Match_Team" mt
natural join
(select "Match_ID" from player
join "Match_Player" mp on player."ID" = mp."Player_ID"
join "match" on mp."Match_ID" = "match"."ID"
where match."Type" = 'T20') as abc
join "team" on team."ID"=mt."Team_ID"
where team."Name"='Bangladesh') as def
join "player" on player."ID"=s."Player_ID"
where player."Name"='Deepak Chahar';
```

2. Which player scored more than 50runs more than two times.

```
select "Player_ID" from(select count("Player_ID"),"Player_ID" from
"statistics"
where "Runs_scored">=50
group by "Player_ID")as abc where abc.count>=2
```

3. Give the player name and team name of player which has best batting average in ODI.

```
select pl.*,average from average_runs('ODI') ar
join player pl on pl."ID" = ar."player_id"
where average is not null
order by ar.average desc
limit 1;
```

4. Give the player name and team name of player which has best bowling average in t20.

```
select pl.*,average from bowling_average('T20') ba join
player pl on pl."ID" = ba."player_id"
where average>0.00
order by average
limit 1
;
```

5. Give the player info of the top 5 performance in given odi match.

```
select * from statistics s
join match m on m."ID"=s."Match_ID"
where m."ID" = 5 and s."Runs_scored" is not null
order by s."Runs_scored" desc
limit 5;
```

6. How many % of boundary of total runs scored by all player.

```
select p."ID",((sum(s."Fours" * 4)+sum(s."Sixes" *6 )) *1.0/
sum(s."Runs_scored"))*100 as boundaries from player p
join statistics s on s."Player_ID" = p."ID"
where s."Fours" is not null and s."Runs_scored" is not null and
s."Runs_scored">0
group by p."ID"
order by boundaries desc;
```