

Queries

--1) Who are the top 5 Run Scorers in Eden Gardens?

```
select p.P_Name,p.Player_ID,sum(r1.Runs) as Most_Runs from player p
natural join( select * from Batting_Scorecard natural join Matches where Stadium_Name = 'Eden
Gardens') as r1
group by p.P_Name,p.Player_ID order by Most_Runs DESC limit 5;
```

--2) List Umpires who has umpired in more than 1 matches in Syed Mushtaq Ali Trophy 2018?

```
select U_Name, count(Match_ID) from Umpire natural join Umpired_By where Match_Id in
(select Match_ID from Matches where Tour_Name = 'Syed Mushtaq Ali Trophy' and YEAR = '2018')
group by U_Name having count(Match_ID)>1;
```

--3) Which Umpire has Umpired Most Matches in Wankhede Stadium?

```
select U_Name,count(U_Name) from Umpire natural join (select U_ID from Matches natural join
Umpired_By
where Stadium_Name = 'Wankhede Stadium') as r group by U_Name order by count(U_Name) DESC;
```

--4) What is the win percentage of Mumbai in Syed Mushtaq Ali Trophy 2018?

```
select total_mat.name,(win.tos*100.0/total_mat.total) as win_percentage
from (select t1.t1_name as name,c1+c2 as total
from(select t1_name,count(t1_name) as c1 from matches
where t1_name='Mumbai' and tour_name='Syed Mushtaq Ali Trophy' and year=2018
group by t1_name) as t1
join
(select t2_name,count(t2_name) as c2 from matches
where t2_name='Mumbai' and tour_name='Syed Mushtaq Ali Trophy' and year=2018
group by t2_name) as t2
on t1.t1_name=t2.t2_name) as total_mat
join
(select toss,count(toss) as tos from matches
where toss='Mumbai' and tour_name='Syed Mushtaq Ali Trophy' and year=2018
group by toss) as win on total_mat.name = win.toss;
```

--5) List the best bowling average in Vijay Hazare Trophy 2016?

```
select w.player_id,(run*1.0/wickets)as average,r.run,w.wickets
from (select player_id,sum(runs_conceded) as run
```

```

from bowling_scorecard natural join matches
where tour_name='Vijay Hazare Trophy' and year=2016 group by player_id
order by run desc)as r join (select player_id,sum(wickets) as wickets
from bowling_scorecard natural join matches where tour_name='Vijay Hazare Trophy' and year=2016
group by player_id
order by wickets desc)as w on r.player_id=w.player_id
where w.wickets!=0 group by w.player_id,r.run,w.wickets order by average limit 5;

```

--6) List the best bowling strike rate in Vijay Hazare Trophy 2016?

```

select w.player_id,(bowl*1.0/wickets)as ans,b.bowl,w.wickets
from (select player_id,sum(balls_delivered) as bowl from bowling_scorecard natural join matches
where tour_name='Vijay Hazare Trophy' and year=2016
group by player_id
order by bowl desc)as b join (select player_id,sum(wickets) as wickets
from bowling_scorecard natural join matches where tour_name='Vijay Hazare Trophy' and year=2016
group by player_id
order by wickets desc)as w on b.player_id=w.player_id
where w.wickets!=0 group by w.player_id,b.bowl,w.wickets order by ans ;

```

--7) List Left handed batsmans who scored century.

```

select match_id,player_id,p_name,runs
from player natural join batting_scorecard
where runs>=100 and batting_style='LHB';

```

--8) List Right-arm medium Bowlers who has taken 4 or more wickets.

```

select match_id,player_id,p_name,wickets,bowling_style
from player natural join bowling_scorecard
where wickets>=4 and bowling_style='Right-arm medium-fast';

```

--9) Who has won most MOM in VH trophy 2018?

```

select mom,count(mom) from matches where tour_name='Vijay Hazare Trophy' and year=2017
group by mom order by count(mom) desc limit 1;

```

--10) Top 5 team totals in tournament.

```

(select m.match_id,m.t2_name,r1.t1+r1.t2 as total from (
(select bwl.match_id,p.team_name,sum(runs_conceded) as t1,sum(lbs_or_byes) as t2

```

```

from bowling_scorecard as bwl natural join player as p group by (p.team_name,match_id)) as r1
join
matches m on r1.match_id = m.match_id and r1.team_name =m.t1_name)
UNION
select m.match_id,m.t1_name,r1.t1+r1.t2 as total from (
(select bwl.match_id,p.team_name,sum(runs_conceded) as t1,sum(lbs_or_byes) as t2
from bowling_scorecard as bwl natural join player as p group by (p.team_name,match_id)) as r1
join
matches m on r1.match_id = m.match_id and r1.team_name =m.t2_name))
order by total desc limit 5;

```

--11) Who were the coaches of winning team of Syed Mushtaq Ali Trophy 2017?

```

select c_name,coach_type,team_name
from coach
where team_name in(select winner
from tournament
where tour_name='Syed Mushtaq Ali Trophy' and year=2017 );

```

--12) Which captain has won most number of matches in Vijay Hazare 2016?

```

select player_id,p_name from player where player_id in (
select caption_id from
(select team_name as name,caption_id from participated_in where year=2016 and tour_name='Vijay
Hazare Trophy') as r1 natural join
(select result as name,count(result) from matches where year=2016 and tour_name='Vijay Hazare
Trophy'
group by result) as r2);

```