**IPL Bowler Queries**

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**MySQL Workbench8.0**

**Find the top 5 bowlers with the most wickets.**

select player\_name , wkt

from bowlers

order by wkt desc limit 5;

**Show the bowler with the best economy rate.**

select player\_name , overs , econ

from bowlers

order by econ limit 1;

**Get the average strike rate of bowlers from each team.**

select team , avg(sr) as Average\_strike\_rate

from bowlers

group by team

order by Average\_strike\_rate desc;

**Find the player with the maximum number of 5-wicket hauls.**

select player\_name , count(FiveW) as Five\_wicket\_haul

from bowlers

group by player\_name

having Five\_Wicket\_haul >=1;

**Calculate total runs conceded by each team.**

select team , sum(runs) as runs\_conceded

from bowlers

group by team

order by runs\_conceded desc;

**Get the average bowling average for bowlers who played more than 5 matches**.

select player\_name ,matches, round(avg(avg\_),1) as Bowling\_average

from bowlers

where matches>=5

group by player\_name ,matches;

**Calculate the total overs bowled across all bowlers.**

select sum(overs) as overs\_bowled

from bowlers;

**Find the bowler with the worst economy rate (highest ECO**).

select player\_name , econ

from bowlers

group by player\_name , econ;

**Get total wickets by bowlers from each team**.

select team , sum(wkt) as total\_wickets

from bowlers

group by team

order by total\_wickets desc;

**Show all bowlers with an AVG below 25 and an ECO below 7.**

select player\_name , avg\_ , econ from bowlers

where avg\_ < 25 and econ < 7;

**List bowlers who’ve played more than 10 matches but taken less than 10 wickets**.

select player\_name , matches , wkt

from bowlers

where matches >= 10 and wkt <=10;

**Find bowlers who conceded more than 300 runs but took fewer than 15 wickets.**

select player\_name , runs , wkt from bowlers

where runs > 300 and wkt < 15;

**Show bowlers with strike rates between 12 and 20.**

select player\_name , sr from bowlers

where sr between 12 and 20;

**Show team-wise average economy rate.**

select team , round(avg(econ),1) as Average\_Economy\_rate

from bowlers

group by team

order by Average\_Economy\_rate desc;

**Get total 4W and 5W taken by bowlers from each team.**

select team , FourW , FiveW, (FourW + FiveW) as Total\_Hauls

from bowlers

group by team , FourW , FiveW;

**List teams with more than 5 bowlers having AVG below 30.**

select team , count(team) as number\_of\_bowlers

from bowlers

where avg\_ < 30

group by team

having count(\*)>5;

**Show the number of bowlers in each team who played more than 8 matches.**

select player\_name , matches

from bowlers

where matches > 8;

**Find the team with the highest wicket tally.**

select team , sum(wkt) as total\_wickets

from bowlers

group by team

order by total\_wickets desc limit 1;

**Count the number of bowlers whose ECO is lower than the team’s average ECO.**

with team\_eco as

(

select team, avg(econ) as Teams\_avg

from bowlers

group by team)

select b.player\_name ,b.team, b.econ , t.Teams\_avg

from bowlers b join team\_eco t on b.team = t.team

where b.econ < t.Teams\_avg;

**Find bowlers whose average is better than their team’s average**

with team\_avg as (

select team , avg(avg\_) as teams\_avg

from bowlers

group by team)

select b.player\_name,b.team,b.avg\_,t.teams\_avg

from bowlers b join team\_avg t on

b.team = t.team

where b.avg\_ < t.teams\_avg;

**List teams with the highest average wickets per player**

WITH team\_wkts AS ( SELECT team, AVG(wkt) AS avg\_wkt FROM bowlers GROUP BY team ) SELECT team FROM team\_wkts WHERE avg\_wkt = ( SELECT MAX(avg\_wkt) FROM team\_wkts );

**Rank bowlers within each team based on economy rate**

select player\_name , team , econ ,

rank() over (partition by team order by econ )

from bowlers;

WITH ranked\_econ AS ( SELECT player\_name, team, econ, RANK() OVER (PARTITION BY team ORDER BY econ ASC) AS econ\_rank FROM bowlers ) SELECT \* FROM ranked\_econ WHERE econ\_rank = 1;