1. Get the count of cities that have hosted an IPL match

**Answer: 33   
Query: select count( distinct city) as ipl\_hosted\_cities from ipl\_matches**

1. Create table deliveries\_v02 with all the columns of the table ‘deliveries’ and an additional

column ball\_result containing values boundary, dot or other depending on the total\_run

(boundary for >= 4, dot for 0 and other for any other number)

(Hint 1 : CASE WHEN statement is used to get condition based results)

(Hint 2: To convert the output data of the select statement into a table, you can use a subquery. Create table table\_name as [entire select statement].

**Query: Create table deliveries\_v02 as ( select \*,**

**case when total\_runs>=4 then 'boundary'**

**when total\_runs=0 then 'dot'**

**else 'other'**

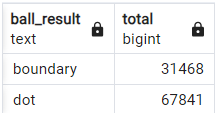
**end as ball\_result**

**from ipl\_ball)**

1. Write a query to fetch the total number of boundaries and dot balls from the

deliveries\_v02 table.  
 **Query: select ball\_result, count(ball\_result) as total from deliveries\_v02**

**where ball\_result in ('boundary','dot') group by ball\_result**



1. Write a query to fetch the total number of boundaries scored by each team from the

deliveries\_v02 table and order it in descending order of the number of boundaries

scored.  
 **Query: select batting\_team as team\_name, count(ball\_result) as boundary**

**from deliveries\_v02 where ball\_result='boundary'**

**group by batting\_team order by boundary desc**

1. Write a query to fetch the total number of dot balls bowled by each team and order it in

descending order of the total number of dot balls bowled.  
 **Query: select bowling\_team as Team, count(ball\_result) as Dot\_balls from deliveries\_v02**

**where ball\_result='dot' group by bowling\_team order by Dot\_balls desc**

1. Write a query to fetch the total number of dismissals by dismissal kinds where dismissal

kind is not NA

**Query: select dismissal\_kind, count(dismissal\_kind) as total from deliveries\_v02**

**where dismissal\_kind!='NA' group by dismissal\_kind**

1. Write a query to get the top 5 bowlers who conceded maximum extra runs from the

deliveries table

**Query: select bowler, sum(extra\_runs) as extra\_runs\_conceded from deliveries\_v02**

**group by bowler order by extra\_runs\_conceded desc limit 5**

1. Write a query to create a table named deliveries\_v03 with all the columns of

deliveries\_v02 table and two additional column (named venue and match\_date) of venue

and date from table matches

**Query: create table deliveries\_v03 as ( select a.\*, b.venue, b.date as match\_date**

**from deliveries\_v02 as a**

**left join ipl\_matches as b**

**on a.id=b.id )**

1. Write a query to fetch the total runs scored for each venue and order it in the descending order of total runs scored.  
    **Query: select venue, sum(total\_runs) as total\_runs from deliveries\_v03**

**group by venue order by total\_runs desc**

1. Write a query to fetch the year-wise total runs scored at Eden Gardens and order it in the descending order of total runs scored.  
    **Query: select extract(year from match\_date) as year, sum(total\_runs) as total\_runs**

**from deliveries\_v03 where venue='Eden Gardens' group by year**

**order by total\_runs desc**