

Problem List

DescriptionAcceptedEditorialSolutionsSubmissions

### 3246. Premier League Table Ranking

Premium

EasyTopics

SQL SchemaPandas Schema

Table: TeamStats

Column Name	Type
team_id	int
team_name	varchar
matches_played	int
wins	int
draws	int
losses	int

team\_id is the unique key for this table.  
This table contains team id, team name, matches\_played, wins, draws, and losses.

Write a solution to calculate the **points** and **rank** for each team in the league. Points are calculated as follows:

- 3 points for a **win**
- 1 point for a **draw**
- 0 points for a **loss**

**Note:** Teams with the same points must be assigned the same rank.

Return the result table ordered by **points** in **descending**, and then by **team\_name** in **ascending** order.

The query result format is in the following example.

**Example:**

Input:

TeamStats table:

team_id	team_name	matches_played	wins	draws	losses
1	Manchester City	10	6	2	2
2	Liverpool	10	6	2	2
3	Chelsea	10	5	3	2
4	Arsenal	10	4	4	2
5	Tottenham	10	3	5	2

Output:

team_id	team_name	points	position
2	Liverpool	20	1
1	Manchester City	20	1
3	Chelsea	18	3
4	Arsenal	16	4
5	Tottenham	14	5

Explanation:

- Manchester City and Liverpool both have 20 points (6 wins \* 3 points + 2 draws \* 1 point), so they share position 1.
- Chelsea has 18 points (5 wins \* 3 points + 3 draws \* 1 point) and is position 3rd.
- Arsenal has 16 points (4 wins \* 3 points + 4 draws \* 1 point) and is position 4th.
- Tottenham has 14 points (3 wins \* 3 points + 5 draws \* 1 point) and is position 5th.

The output table is ordered by points in descending order, then by team\_name in ascending order.

Code

MySQLAuto

```
1 # Write your MySQL query statement below
2
3 select team_id,
4        team_name,
5        3 * wins + draws points,
6        Rank() over (order by 3 * wins + draws desc) position
7 from TeamStats
8 order by points desc,
9        team_name asc
10
```

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TestcaseTest Result

AcceptedRuntime: 76 ms

Case 1

Input

TeamStats =

team_id	team_name	matches_played	wins	draws	losses
1	Manchester City	10	6	2	2
2	Liverpool	10	6	2	2
3	Chelsea	10	5	3	2
4	Arsenal	10	4	4	2

Seen this question in a real interview before? 1/5

YesNo

Accepted 3,230/4.1K | Acceptance Rate 79.5%

Topics

Discussion (4)

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0 Online

5	Tottenham	10	3	5	2
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