



ESPORTS TOURNAMENT

SQL CHALLENGE-2

PRESENTED BY

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INTRODUCTION

The top eSports competitors from across the globe have gathered to battle it out
Can you analyse the following data to find out all about the tournament?

Teams

team_id	team_name	country	captain_id
1	Cloud9	USA	1
2	Fnatic	Sweden	2
3	SK Telecom T1	South Korea	3
4	Team Liquid	USA	4
5	G2 Esports	Spain	5

Matches

match_id	team1_id	team2_id	match_date	winner_id	score_team1	score_team2
1	1	2	2022-01-01	1	16	14
2	3	5	2022-02-01	3	14	9
3	4	1	2022-03-01	1	17	13
4	2	5	2022-04-01	5	13	12
5	3	4	2022-05-01	3	16	10
6	1	3	2022-02-01	3	13	17
7	2	4	2022-03-01	2	12	9
8	5	1	2022-04-01	1	11	15
9	2	3	2022-05-01	3	9	10
10	4	5	2022-01-01	4	13	10

Players

player_id	player_name	team_id	role	salary
1	Shroud	1	Rifler	100000
2	JW	2	AWP	90000
3	Faker	3	Mid Laner	120000
4	Stewie2K	4	Rifler	95000
5	Perkz	5	Mid Laner	110000
6	Castle09	1	AWP	120000
7	Pike	2	Mid Laner	70000
8	Daron	3	Rifler	125000
9	Felix	4	Mid Laner	95000
10	Stadz	5	Rifler	98000
11	KL34	1	Mid Laner	83000
12	ForceZ	2	Rifler	130000
13	Joker	3	AWP	128000
14	Hari	4	AWP	90000
15	Wringer	5	Mid Laner	105000

QUESTION 1: What are the names of the players whose salary is greater than 100,000?

```
select player_name from players where salary > 100000;
```

	player_name
▶	Faker
	Perkz
	Castle09
▶	Daron
	ForceZ
	Joker
	Wringer



QUESTION 2: What is the team name of the player with player_id = 3?

```
select team_name from teams t join  
players p on p.team_id=t.team_id  
where player_id=3;
```

	team_name
▶	SK Telecom T1



QUESTION 3: What is the total number of players in each team?

```
select team_name, count(*) as total_players from players p join  
teams t on p.team_id=t.team_id  
group by p.team_id;
```

	team_name	total_players
▶	Cloud9	3
	Fnatic	3
	SK Telecom T1	3
	Team Liquid	3
	G2 Esports	3



QUESTION 4: What is the team name and captain name of the team with team_id = 2?

```
select p.team_id,team_name,player_name as captain_name from players p join  
teams t on p.team_id=t.team_id  
where p.team_id=2 and captain_id=player_id;
```

	team_id	team_name	captain_name
▶	2	Fnatic	JW



QUESTION 5: What are the player names and their roles in the team with team_id = 1?

```
select player_name,team_name,role from players p join  
teams t on p.team_id=t.team_id  
where p.team_id=1;
```



	player_name	team_name	role
▶	Shroud	Cloud9	Rifler
	Castle09	Cloud9	AWP
	KL34	Cloud9	Mid Laner



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QUESTION 6: What are the team names and the number of matches they have won?

```
with cte_1 as ( select match_id,winner_id,match_Date from matches)
select team_id,team_name,count(*) as wins from teams t left join
cte_1 c on c.winner_id = t.team_id
group by t.team_id
order by wins desc;
```

	team_id	team_name	wins
▶	3	SK Telecom T1	4
	1	Cloud9	3
	2	Fnatic	1
	4	Team Liquid	1
	5	G2 Esports	1



QUESTION 7: What is the average salary of players in the teams with country 'USA'?

```
select t.team_name,round(avg(salary),2) as AVG_USA_SALARY from players p join  
teams t on p.team_id=t.team_id  
where country = 'USA'  
group by t.team_name;
```

	team_name	AVG_USA_SALARY
▶	Cloud9	101000.00
	Team Liquid	93333.33



QUESTION 8: Which team won the most matches?

```
with cte_1 as ( select match_id,winner_id,match_date from matches)
select team_name,count(*) AS matches_win from teams t left join
cte_1 c on c.winner_id = t.team_id
group by t.team_id
order by matches_win desc limit 1;
```

	team_name	matches_win
▶	SK Telecom T1	4



QUESTION 9: What are the team names and the number of players in each team whose salary is greater than 100,000?

```
with cte_1 as (select p.team_id ,team_name,player_name,salary from teams t join
players p on p.team_id=t.team_id
where salary>100000)
select team_name,count(*) as no_of_players from cte_1 group by team_id;
```

team_name	no_of_players
SK Telecom T1	3
G2 Esports	2
Cloud9	1
Fnatic	1



QUESTION 10: What is the date and the score of the match with match_id = 3?

```
select match_date,score_team1,score_team2 from matches  
where match_id=3;
```

	match_date	score_team1	score_team2
▶	2022-03-01	17	13



Thank You