

Esports Tournament SQL Analysis



CHALLENGE

The top eSports competitors from across the globe
have gathered to battle it out

Can you analyze the following data to find out all
about the tournament?

Tables

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

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

```
96
97      #1. What are the names of the players whose salary is greater than 100,000?
98 •  select player_name from players
99 where salary>100000;
100
101
102
103
104
```

Result Grid | Filter Rows: _____ | Export: | Wrap Cell Content:

player_name
Faker
Perkz
Castle09
Daron
ForceZ
Joker
Wringer

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

```
104  
105      #2. What is the team name of the player with player_id = 3?  
106 •  select team_name , player_name from teams  
107      inner join players  
108      on  
109      teams.team_id=players.team_id  
110      where player_id=3;  
...
```

Result Grid | Filter Rows: Export: Wrap Cell Content:

	team_name	player_name
▶	SK Telecom T1	Faker

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

```
111
112 #3. What is the total number of players in each team?
113 • select team_name , count(player_id) as total_players from teams
114     inner join players
115     on
116     teams.team_id=players.team_id
117     group by team_name
118     order by total_players desc;
119
120
```

Result Grid | Filter Rows: Export: Wrap Cell Content:

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

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

```
119  
120  
121 #4. What is the team name and captain name of the team with team_id = 2?  
122 • select team_name , captain_id from teams  
123 where team_id=2;  
...
```

Result Grid | Filter Rows: Export: Wrap Cell Content:

	team_name	captain_id
▶	Fnatic	2

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

```
125  
126  
127 #5. What are the player names and their roles in the team with team_id = 1?  
128 • select player_name , role from players  
129 where team_id=1j
```

Result Grid | Filter Rows: Export: Wrap Cell Content:

	player_name	role
▶	Shroud	Rifler
	Castle09	AWP
	KL34	Mid Laner

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

```
133      #6. What are the team names and the number of matches they have won?  
134 •  select team_name , count(match_id) as number_ofmatches_won from teams  
135      inner join matches  
136      on  
137      teams.team_id=matches.winner_id  
138      group by team_name  
139      order by number_ofmatches_won desc;  
140  
141
```

	team_name	number_ofmatches_won
▶	SK Telecom T1	4
	Cloud9	3
	Fnatic	1
	Team Liquid	1
	G2 Esports	1

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

```
149  
150 •   SELECT AVG(salary) AS average_salary  
151     FROM teams  
152     INNER JOIN players ON players.team_id = teams.team_id  
153     WHERE teams.country = "usa";
```

```
154  
155
```

```
...  
-----
```

Result Grid | Filter Rows: Export: Wrap Cell Content:

	average_salary
▶	97166.6667

8. Which team won the most matches?

The screenshot shows a MySQL query editor interface with the following details:

- Toolbar:** Includes icons for file operations (New, Open, Save, Import, Export), search, and various database management functions.
- Text Area:** Displays the SQL query:

```
150      #8. Which team won the most matches?
151 •  select team_name , count(match_id) as number_ofmatches_won from teams
152     inner join matches
153       on
154         teams.team_id=matches.winner_id
155     group by team_name
156     order by number_ofmatches_won desc
157     limit 1;
158
```
- Result Grid:** Shows the results of the query in a tabular format.

team_name	number_ofmatches_won
SK Telecom T1	4
- Bottom Bar:** Includes buttons for "Result Grid", "Filter Rows", "Export", "Wrap Cell Content", and "Fetch rows".

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

```
160
161 #9. What are the team names and the number of players in each team whose salary is greater than 100,000?
162 • select team_name , count(player_id) as number_of_players from teams
163 inner join players
164 on
165 teams.team_id=players.team_id
166 where salary>100000
167 group by team_name
168 order by number_of_players desc;
169
```

Result Grid | Filter Rows: Export: Wrap Cell Content:

	team_name	number_of_players
▶	SK Telecom T1	3
	G2 Esports	2
	Cloud9	1
	Fnatic	1

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

```
170  
171  
172 #10. What is the date and the score of the match with match_id = 3?  
173 • select match_date , score_team1 , score_team2 from matches  
174 where match_id=3;  
175  
176
```

Result Grid | Filter Rows: Export: Wrap Cell Content:

	match_date	score_team1	score_team2
▶	2022-03-01	17	13



THANK YOU