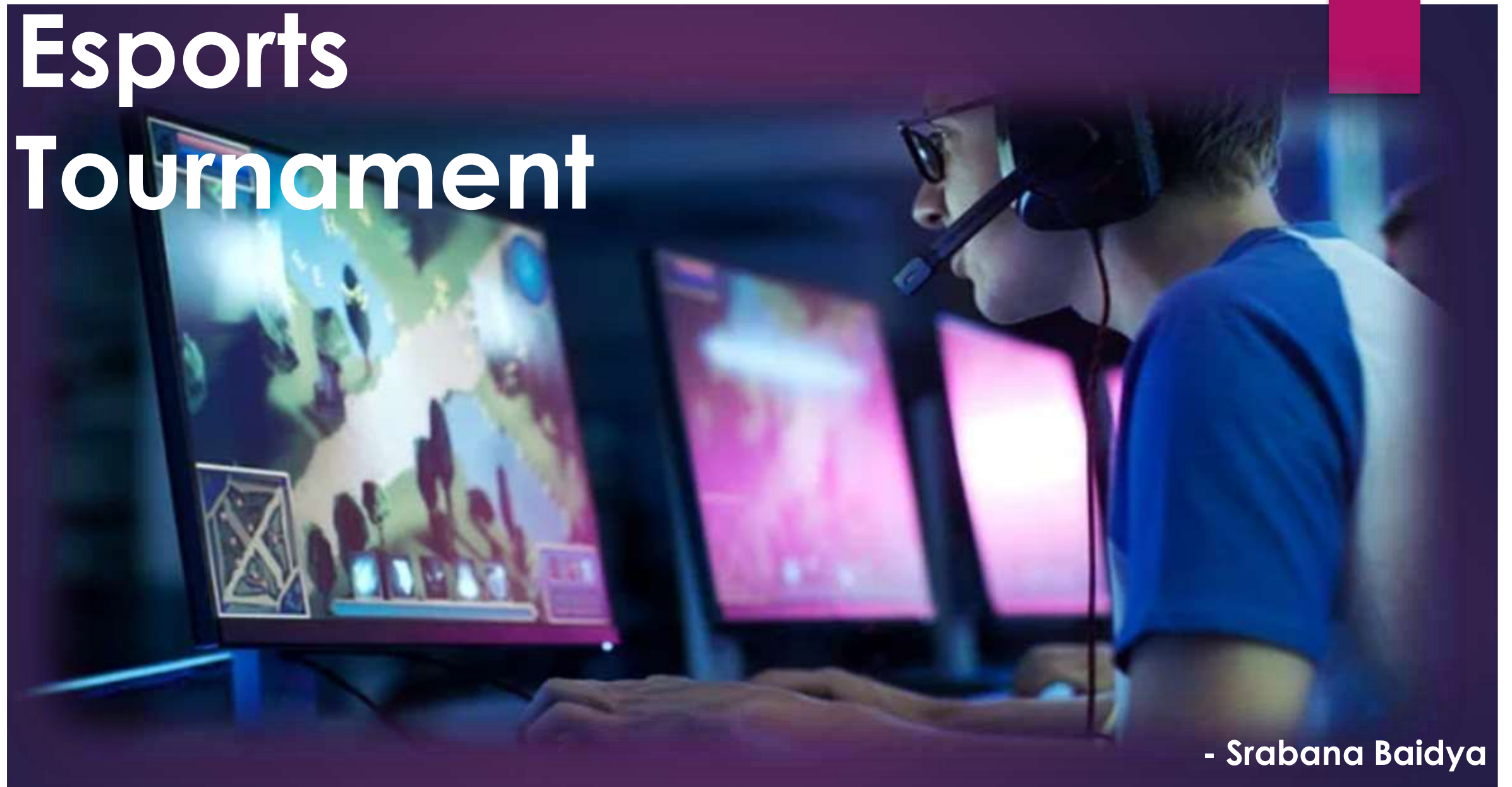# Esports Tournament

- Srabana Baidya

Introduction :

THE TOP ESPORTS COMPETITORS FROM ACROSS THE GLOBE HAVE GATHERED TO BATTLE IT OUTCAN YOU ANALYSE THE

Tables Details :

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

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

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

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

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

player_name	salary
Faker	120000
Perkz	110000
Castle09	120000
Daron	125000
ForceZ	130000
Joker	128000
Wringer	105000

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

```sql
SELECT teams.team_name
FROM teams
JOIN players ON players.team_id = teams.team_id
WHERE players.player_id = 3;
```

	team_name
▶	SK Telecom T1

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

```sql
select teams.team_name , count(players.team_id) as Totalplayers
from teams
left join players on teams.team_id = players.team_id
group by teams.team_name ;
```

team_name	Totalplayers
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?

```sql
SELECT teams.team_name, players.player_name AS captain_name
FROM teams
JOIN players ON teams.captain_id = players.player_id
WHERE teams.team_id = 2;
```

team_name	captain_name
Fnatic	JW

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

```sql
SELECT player_name, role
FROM players
WHERE team_id = 1;
```

	player_name	role
▶	Shroud	Rifler
	Castle09	AWP
	KL34	Mid Laner

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

```sql
SELECT teams.team_name, COUNT(matches.match_id) AS matches_won
FROM teams
LEFT JOIN matches ON teams.team_id = matches.winner_id
GROUP BY teams.team_name;
```

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

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

```sql
SELECT round(AVG(players.salary)) AS average_salary
FROM players
JOIN teams ON players.team_id = teams.team_id
WHERE teams.country = 'USA';
```

average_salary
► 97167

8. Which team won the most matches?

```sql
SELECT teams.team_name, COUNT(matches.match_id) AS matches_won
FROM teams
JOIN matches ON teams.team_id = matches.winner_id
GROUP BY teams.team_name
ORDER BY matches_won DESC
LIMIT 1;
```

team_name	matches_won
▶ SK Telecom T1	4

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

```sql
SELECT teams.team_name, COUNT(players.player_id) AS num_players
FROM teams
JOIN players ON teams.team_id = players.team_id
WHERE players.salary > 100000
GROUP BY teams.team_name;
```

team_name	num_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?

```sql
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