

11/4/2025

DAY 2

#SQLWithIDC

[21 DAYS SQL CHALLENGE]



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[Indian Data Club]

PRACTICE QUESTION

1. Find all patients who are older than 60 years.

```
SELECT name, age FROM patients
WHERE age > 60;
```

output

	name	age
▶	Victoria Larson	84
	Thomas Atkins	70
	Jordan Williams	61
	Michelle Davis DVM	82
	George Harper	88
	Jake Shaw	83
	Bradley Johnson DDS	83
	Alexander Gomez	83
	Joann Ferguson	69
	Erin Edwards	86

2. Retrieve all staff members who work in the 'Emergency' service.

```
SELECT staff_id, staff_name FROM staff
WHERE service LIKE 'Emergency';
```

output

	staff_id	staff_name
▶	STF-02ae59ca	Noah Rhodes
	STF-094f410b	Ryan Munoz
	STF-107a58e4	Cristian Santos
	STF-130577e6	Dylan Miller
	STF-1ad309f8	Matthew Foster
	STF-212d8b31	Daniel Wagner
	STF-249f63bb	Gabrielle Davis
	STF-317a74b9	Tommy Walter
	STF-34c0563d	Michele Williams
	STF-39082289	Abigail Shaffer

3. List all weeks where more than 100 patients requested admission in any service.

```
SELECT week, patients_request, service FROM
services_weekly
WHERE patients_request > 100;
```

output

	week	patients_request	service
▶	1	130	surgery
	1	201	general_medicine
	2	169	emergency
	2	183	general_medicine
	3	177	emergency
	4	157	emergency
	4	152	general_medicine
	5	388	emergency
	5	103	general_medicine
	6	198	emergency

DAILY CHALLENGE – DAY 2

1. Find all patients admitted to 'Surgery' service with a satisfaction score below 70, showing their patient_id, age and satisfaction score.

```
SELECT patient_id, age, satisfaction FROM patients
```

```
WHERE service LIKE 'surgery' AND satisfaction < 70;
```



selected

	patient_id	age	satisfaction
▶	PAT-09484753	24	61
	PAT-112d537f	89	65
	PAT-12de1869	49	67
	PAT-14fa7097	14	68
	PAT-1a39f5ef	61	64
	PAT-1f61e183	72	63
	PAT-25a0eac5	43	67
	PAT-2a539c56	20	63
	PAT-2c69345d	8	69
	PAT-2d5f4210	13	68
	PAT-30e54d48	86	61
	PAT-3bafaea3	19	64

patients 5 ×