

DPDzero

21 DAYS

SQL CHALLENGE

DAY 02

Topic:

Filtering Data with WHERE Clause

Challenge:

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

#SQLWithIDC

```
1 -- Practice Question Queries
2 -- SELECT * FROM patients WHERE age>60;
3 -- SELECT staff_name, service FROM staff WHERE service="Emergency";
4 -- SELECT week, patients_request FROM services_weekly WHERE patients_request>100;
5
6 -- Day 2 Challenge
7 • SELECT patient_id, name, age, satisfaction FROM patients WHERE service="Surgery" AND satisfaction<70;
```

	patient_id	name	age	satisfaction
▶	PAT-09484753	Richard Rodriguez	24	61
	PAT-eacf84b5	Christopher Rubio	72	63
	PAT-d4f82ecb	David Wright	39	66
	PAT-64a781e0	Jamie Walton	22	66
	PAT-78c826d3	John Bishop	56	62
	PAT-d977b532	Yvonne Chambers	26	66
	PAT-dea8a3ab	Brandon Bailey MD	8	61
	PAT-9fa2fb78	Diane Evans	54	67
	PAT-30e54d48	Marie Christian	86	61
	PAT-98dd495d	Heather Fields	29	67
	PAT-112d537f	Kevin Oconnor	89	65
	PAT-25a0eac5	Jordan Chambers	43	67
	PAT-d0adb997	Trevor Johnson	15	61
	PAT-fe52b6dc	Ana Hill	71	62
	PAT-46c5550c	Kimberly Nguyen	85	61
	PAT-a7b89463	Nicole Parrish	84	60
	PAT-e6090bc8	Paul Wilson	82	61
	PAT-1f61e183	Joanna Pacheco	72	63
	PAT-9ab3b294	Felicia Aguilar	7	66

- Result Grid
- Form Editor
- Field Types
- Query Stats
- Execution Plan

DPDzero

21 DAYS

SQL CHALLENGE

DAY 03

Topic:

ORDER BY, ASC/DESC, multiple column sorting

Challenge:

Retrieve the top 5 weeks with the highest patient refusals across all services, showing week, service, patients_refused, and patients_request. Sort by patients_refused in descending order.

#SQLWithIDC

```
patients x
-- P1: SELECT name, age FROM patients ORDER BY age DESC;
-- P2: SELECT * FROM services_weekly ORDER BY week asc, patients_request DESC;
-- P3: SELECT * FROM staff ORDER BY staff_name asc;

-- DAY 03 CHALLENGE
-- Question: Retrieve the top 5 weeks with the highest patient refusals across
-- all services, showing week, service, patients_refused, and patients_request. Sort by patients_refused in descending order;

SELECT
    week,
    service,
    patients_refused,
    patients_request
FROM services_weekly
ORDER BY patients_refused DESC
LIMIT 5;
```

Result Grid

	week	service	patients_refused	patients_request
▶	5	emergency	363	388
	12	emergency	319	347
	8	emergency	214	240
	51	general_medicine	211	285
	1	general_medicine	164	201