

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

Query 1\* ×

Limit to 1000 rows

```

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;
```

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

patient_id	name	age	satisfaction
PAT-09484753	Richard Rodriguez	24	61
PAT-eacf84b5	Christopher Rubio	72	63
PAT-d4f82edc	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

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**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.

patients

```

1 -- P1: SELECT name, age FROM patients ORDER BY age DESC;
2 -- P2: SELECT * FROM services_weekly ORDER BY week asc, patients_request DESC;
3 -- P3: SELECT * FROM staff ORDER BY staff_name asc;
4
5 -- DAY 03 CHALLENGE
6 -- Question: Retrieve the top 5 weeks with the highest patient refusals across
7 -- all services, showing week, service, patients_refused, and patients_request. Sort by patients_refused in descending order;
8
9 • SELECT
10    week,
11    service,
12    patients_refused,
13    patients_request
14   FROM services_weekly
15   ORDER BY patients_refused DESC
16   LIMIT 5;

```

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

	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