

-- DAY 2: Filtering Data with WHERE Clause

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

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

Query Result

	patient_id	name	age
▶	PAT-f4b29bae	Diana May	83
	PAT-283cda07	William Herrera	62
	PAT-18f78014	Kenneth Scott	77
	PAT-0beb4754	Erin Edwards	86
	PAT-f0682772	Jason Powell	87
	PAT-127ca40e	Daniel Kennedy	73
	PAT-5044053e	Angel Perry	85
	PAT-736d270f	David Douglas Jr.	80
	PAT-eacf84b5	Christopher Rubio	72
	PAT-9ba7a6ee	Joyce Solis	86

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

```
SELECT
  staff_id,
  staff_name
FROM staff
WHERE LOWER(service) = 'emergency';
```

Query Result

	staff_id	staff_name
▶	STF-5ca26577	Allison Hill
	STF-02ae59ca	Noah Rhodes
	STF-d8006e7c	Angie Henderson
	STF-212d8b31	Daniel Wagner
	STF-107a58e4	Cristian Santos
	STF-ca932dea	Connie Lawrence
	STF-39082289	Abigail Shaffer
	STF-702887af	Gina Moore
	STF-249f63bb	Gabrielle Davis
	STF-094f410b	Ryan Munoz

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

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

Query Result

	week
▶	1
	1
	2
	2
	3
	4
	4
	5
	5
	6
	7

-- Daily Challenge:

-- Find all patients admitted to 'Surgery' service with a satisfaction score below 70

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

WHERE LOWER(service) = 'surgery'
AND satisfaction < 70;

Query Result

	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