

A dark blue vertical bar is on the left. A blue arrow points right from it, containing the date.

11/20/2025

# DAY 18

## #SQLWithIDC

[ 21 DAYS SQL CHALLENGE ]

Several thin, curved lines in shades of blue and grey sweep upwards from the bottom left corner.

- [divyanshi doser](#)  
[ INDIAN DATA CLUB ]

## PRACTICE QUESTIONS

1. Combine patient names and staff names in single list

```
SELECT name AS combine_name
FROM patients
UNION ALL
SELECT staff_name AS combine_name
FROM staff;
```

2. Create a union of high satisfaction patients (>90) and low satisfaction patients(<50)

```
SELECT patient_id, name AS patient_name, satisfaction
FROM patients
WHERE satisfaction > 90
UNION ALL
SELECT patient_id, name AS patient_name, satisfaction
FROM patients
WHERE satisfaction < 50;
```

3. List all unique names from both patients and staff tables

```
SELECT name AS name
FROM patients
UNION
SELECT staff_name AS name
FROM staff;
```

### DAILY CHALLENGE – DAY 18

1. Create a comprehensive personal and patient list showing:
  - identifier (patient\_id or staff\_id), full name, type ('Patient' or 'Staff'), and associated service.
  - Include only those in 'surgery' or 'emergency' services
  - Order by type then service then name.

```
SELECT p.patient_id AS identifier,
p.name AS full_name,
'Patient' AS type, p.service FROM patients AS p
WHERE p.service IN ('surgery', 'emergency')
UNION ALL
SELECT s.staff_id AS identifier, s.staff_name AS full_name,
'Staff' AS type, s.service FROM staff AS s
WHERE s.service IN ('surgery', 'emergency')
ORDER BY type, service, full_name;
```