

A dark blue vertical bar is positioned on the left side of the page. A blue arrow points to the right from this bar, containing the date '7/11/2025'. In the bottom-left corner, there are several thin, curved, light blue lines that sweep upwards and to the right.

7/11/2025

DAY 5

#SQLWithIDC

[21 DAYS SQL CHALLENGE]

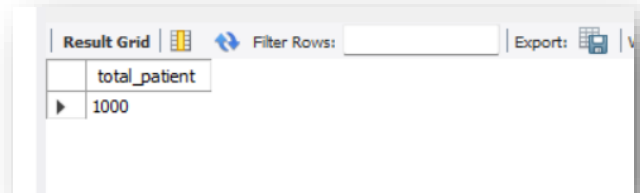
- Submitted By Divyanshi Doser
[INDIAN DATA CLUB]

PRACTICE QUESTION

1. Count the total number of patients in the hospital.

```
SELECT DISTINCT COUNT(patient_id)  
AS total_patient FROM patients;
```

output

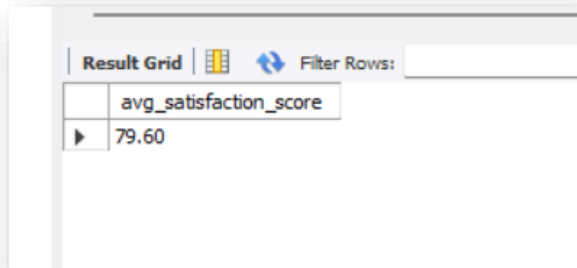


total_patient
1000

2. Calculate the average satisfaction score of all patients.

```
SELECT ROUND(AVG(satisfaction),2) AS  
avg_satisfaction_score FROM patients;
```

output

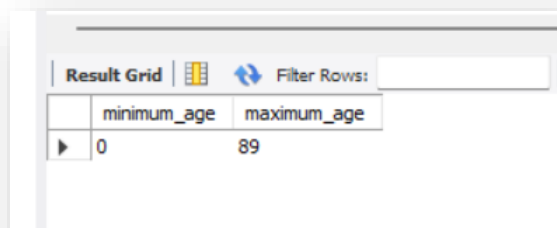


avg_satisfaction_score
79.60

3. Find the minimum and maximum age of patients.

```
SELECT MIN(age) AS minimum_age, MAX(age)  
AS maximum_age FROM patients;
```

output



minimum_age	maximum_age
0	89

DAILY CHALLENGE – DAY 5

1. Calculate the total number of patients admitted, total patients refused, and the average patient satisfaction across all services and weeks. Round the average satisfaction to 2 decimal places.

```
SELECT SUM(patients_admitted) AS total_admitted_patients,  
SUM(patients_refused) AS total_patients_refused,  
ROUND(AVG(patients_satisfaction),2) AS avg_satisfaction_score FROM  
services_weekly;
```



```
127  
128 -- Daily Challenge - Day 5  
129 -- Calculate the total number of patients admitted, total patients refused, and the average patient satisfaction across all services and weeks.  
130 -- Round the average satisfaction to 2 decimal places.  
131 • SELECT SUM(patients_admitted) AS total_admitted_patients, SUM(patients_refused) AS total_patients_refused,  
132 ROUND(AVG(patients_satisfaction),2) AS avg_satisfaction_score  
133 FROM services_weekly;  
134  
135 -- Practice Questions Day 6  
136 -- 1.Count the number of patients by each service.
```

Result Grid		Filter Rows:		Export:		Wrap Cell Content:	
	total_admitted_patients	total_patients_refused	avg_satisfaction_score				
▶	5851	7642	80.00				

Result 4 x