

<sunrise\_hospital> create\_hospital.sql    <sunrise\_hospital> seed\_min.sql    \*<sunrise\_hospital> Sanity check X

▶ **SELECT COUNT(\*) AS dept\_count FROM Department;**

▶+

Results 1 X

⌚ SELECT COUNT(\*) AS dept\_count FRC | Enter a SQL expression to filter results (use Ctrl+Space)

Grid	123 dept_count	Value X
1	2	2
Text		

▶ **SELECT COUNT(\*) AS dept\_count FROM Department;**  
SELECT COUNT(\*) AS doctor\_count FROM Doctor;

⌚ SELECT COUNT(\*) AS doctor\_count FF | Enter a SQL expression to filter results (use Ctrl+Space)

Grid	123 doctor_count	Value X
1	2	2
Text		

▶ **SELECT COUNT(\*) AS dept\_count FROM Department;**  
SELECT COUNT(\*) AS doctor\_count FROM Doctor;  
▶ **SELECT COUNT(\*) AS patient\_count FROM Patient;**

⌚ SELECT COUNT(\*) AS patient\_count Fi | Enter a SQL expression to filter results (use Ctrl+Space)

Grid	123 patient_count	Value X
1	2	2
Text		

▶ **SELECT COUNT(\*) AS dept\_count FROM Department;**  
SELECT COUNT(\*) AS doctor\_count FROM Doctor;  
▶ **SELECT COUNT(\*) AS patient\_count FROM Patient;**  
▶ **SELECT COUNT(\*) AS insurance\_count FROM InsurancePlan;**

⌚ SELECT COUNT(\*) AS insurance\_coun | Enter a SQL expression to filter results (use Ctrl+Space)

Grid	123 insurance_count	Value X
1	2	2
Text		

```

SELECT COUNT(*) AS doctor_count FROM Doctor;
SELECT COUNT(*) AS patient_count FROM Patient;
SELECT COUNT(*) AS insurance_count FROM InsurancePlan;
SELECT COUNT(*) AS diagnosis_count FROM Diagnosis;

```

Results 1 X

SELECT COUNT(\*) AS diagnosis\_count Enter a SQL expression to filter results (use Ctrl+Space)

Grid	Value X
1	2

  

```

<sunrise_hospital> create_hospital.sql <sunrise_hospital> seed_min.sql *<sunrise_hospital> Sanity check X

```

```

SELECT COUNT(*) AS patient_count FROM Patient;
SELECT COUNT(*) AS insurance_count FROM InsurancePlan;
SELECT COUNT(*) AS diagnosis_count FROM Diagnosis;
SELECT COUNT(*) AS appt_count FROM Appointment;

```

Results 1 X

SELECT COUNT(\*) AS appt\_count Enter a SQL expression to filter results (use Ctrl+Space)

Grid	Value X
1	2

  

```

<sunrise_hospital> create_hospital.sql <sunrise_hospital> seed_min.sql *<sunrise_hospital> Sanity check X

```

```

SELECT COUNT(*) AS insurance_count FROM InsurancePlan;
SELECT COUNT(*) AS diagnosis_count FROM Diagnosis;
SELECT COUNT(*) AS appt_count FROM Appointment;
SELECT COUNT(*) AS billing_count FROM Billing;

```

Results 1 X

SELECT COUNT(\*) AS billing\_count Enter a SQL expression to filter results (use Ctrl+Space)

Grid	Value X
1	1

  

```

<sunrise_hospital> create_hospital.sql <sunrise_hospital> seed_min.sql *<sunrise_hospital> Sanity check X

```

```

SELECT COUNT(*) AS diagnosis_count FROM Diagnosis;
SELECT COUNT(*) AS appt_count FROM Appointment;
SELECT COUNT(*) AS billing_count FROM Billing;
SELECT COUNT(*) AS appt_diag_count FROM Appointment Diagnosis;

```

Results 1 X

SELECT COUNT(\*) AS appt\_diag\_count Enter a SQL expression to filter results (use Ctrl+Space)

Grid	Value X
1	2

```

SELECT
    a.Appt_ID,
    a.Start_Time,
    a.Status,
    d.Doctor_ID,
    d.First_Name AS doctor_first_name,
    d.Last_Name AS doctor_last_name,
    p.Patient_ID,
    p.First_Name AS patient_first_name,
    p.Last_Name AS patient_last_name,
    dept.Dept_Name
FROM Appointment a
JOIN Doctor d ON a.Doctor_ID = d.Doctor_ID
JOIN Patient p ON a.Patient_ID = p.Patient_ID
JOIN Department dept ON a.Dept_ID = dept.Dept_ID;

```

Grid	123 appt_id	start_time	AZ status	123 doctor_id	AZ doctor_first_name
Text	1	2025-01-10 09:00:00.000	Completed	1	Alice
	2	2025-01-11 10:00:00.000	Scheduled	2	Bob

  

```

JOIN Department dept ON a.Dept_ID = dept.Dept_ID;

SELECT
    ad.Appt_ID,
    d.Diagnosis_Code,
    d.Description
FROM Appointment_Diagnosis ad
JOIN Diagnosis d ON ad.Diagnosis_Code = d.Diagnosis_Code;

```

Grid	123 appt_id	AZ diagnosis_code	AZ description
Text	1	I10	Hypertension
	2	J20	Acute bronchitis

  

```

INSERT INTO Appointment (Start_Time, Status, Duration_Min, Patient_ID, Doctor_ID, Dept_ID)
VALUES ('2025-01-20 10:00', 'BADSTATUS', 30, 1, 1, 1);

```

SQL Error [23514]: ERROR: new row for relation "appointment" violates check constraint "chk\_appt\_status"  
Detail: Failing row contains (1, 2025-01-20 10:00:00, BADSTATUS, 30, 1, 1, 1).

Error position: