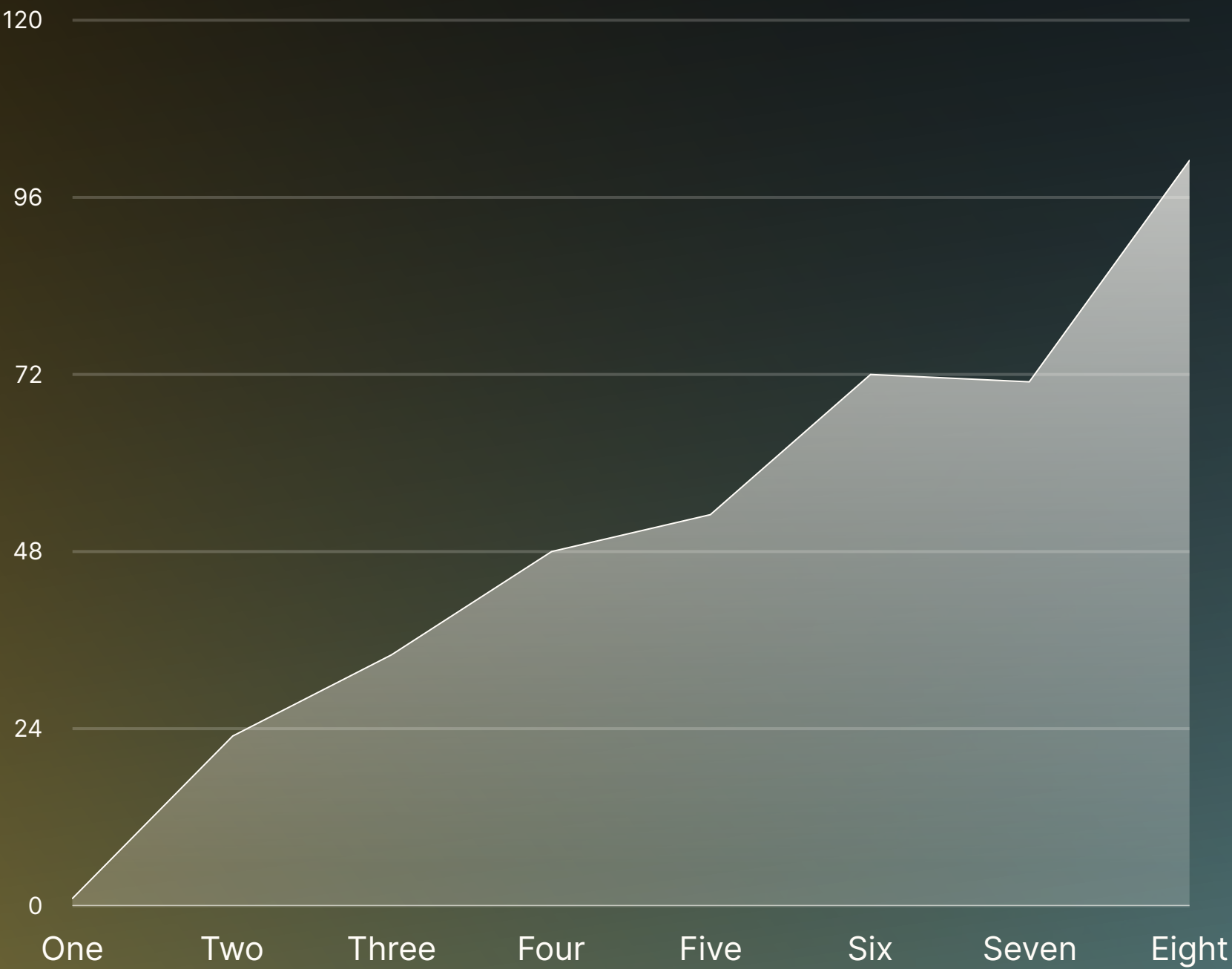
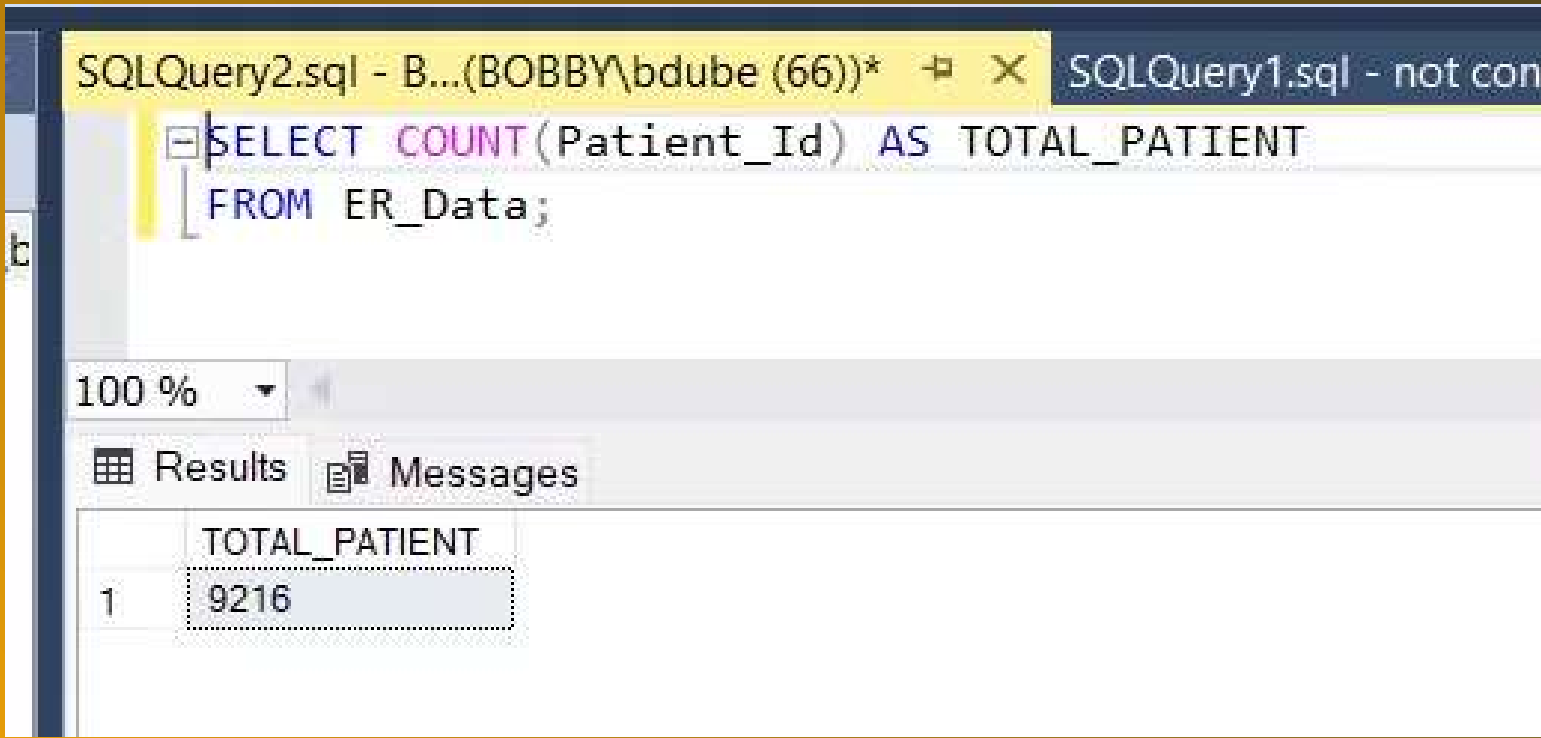


Hospital Emergency Data Insights

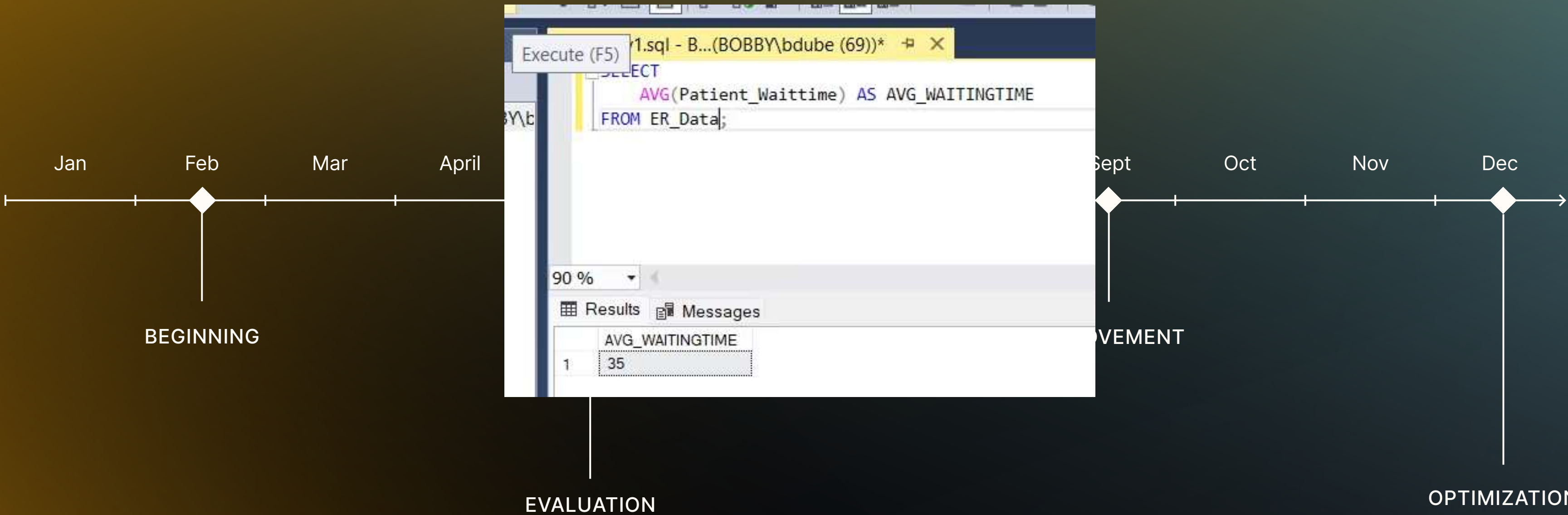
Created By: Bobby Dubey

Patient Volume

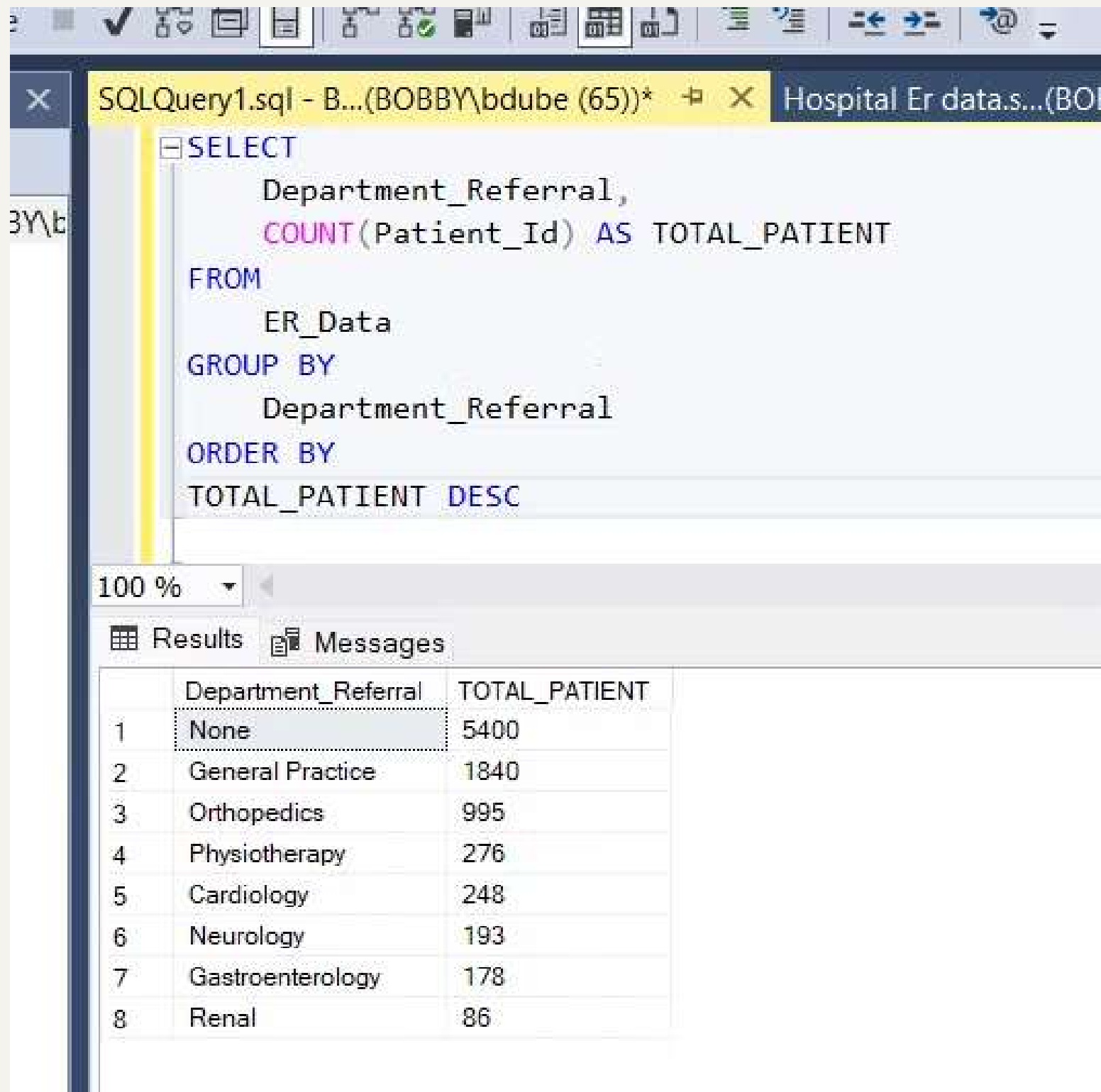
The 'Patient Volume Data' slide showcases the 9216 number of patients attending the hospital, providing a clear overview of the hospital's capacity and workload.



Average Wait Time



Patient Referrals Analysis



```
SELECT
    Department_Referral,
    COUNT(Patient_Id) AS TOTAL_PATIENT
FROM
    ER_Data
GROUP BY
    Department_Referral
ORDER BY
    TOTAL_PATIENT DESC
```

	Department_Referral	TOTAL_PATIENT
1	None	5400
2	General Practice	1840
3	Orthopedics	995
4	Physiotherapy	276
5	Cardiology	248
6	Neurology	193
7	Gastroenterology	178
8	Renal	86

No Referral: 5,400 patients (59%)

General Practice: 1,840 cases

Orthopedics: 995 cases

Physiotherapy: 276 cases

Cardiology: 248 cases

Admission Status Breakdown

STATS



Current patient data overview

```
WHEN Patient_Admission_Flag = 0 THEN 'NOT_ADMITED'
ELSE 'ADMITED'
END AS ADDMISION,
COUNT(Patient_Id)AS TOTAL_PATIENT
FROM
  ER_Data
WHERE
  MONTH(Patient_Admission_Date) = 7 AND
  YEAR(Patient_Admission_Date) = 2024
GROUP BY
  CASE
    WHEN Patient_Admission_Flag = 0 THEN 'NOT_ADMITED'
    ELSE 'ADMITED'
  END
```

	ADDMISION	TOTAL_PATIENT
1	ADMITED	266

INSIGHTS



Gain valuable information



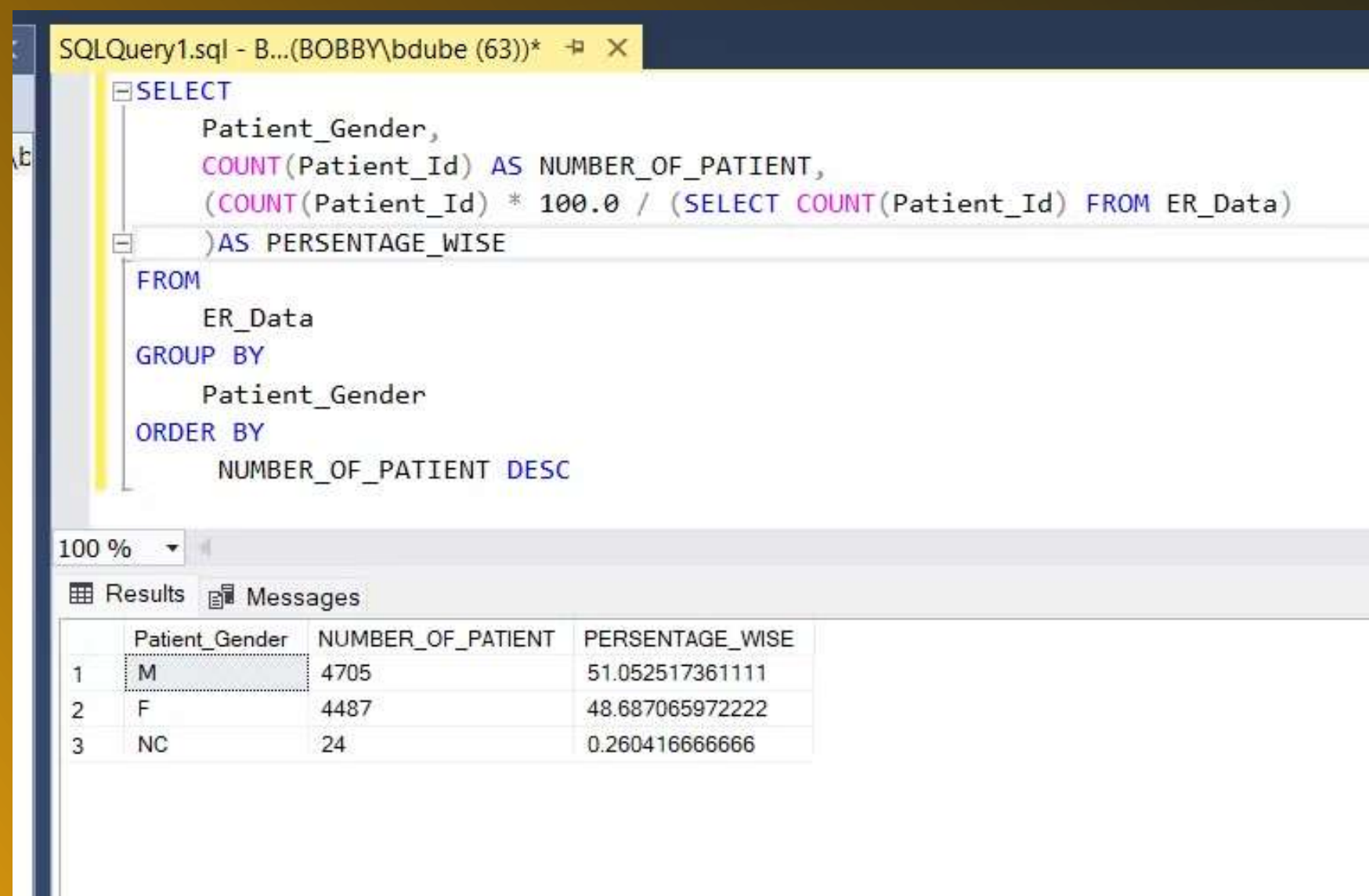
Amitted: 50.04% (4,612 patients)



Not Admitted: 49.96% (4,604 patients)

Analysis of male and female patient ratios

GENDER DISTRIBUTION INSIGHTS



The screenshot shows a SQL query editor window titled 'SQLQuery1.sql - B...(BOBBY\bdube (63))*'. The query is as follows:

```
SELECT
    Patient_Gender,
    COUNT(Patient_Id) AS NUMBER_OF_PATIENT,
    (COUNT(Patient_Id) * 100.0 / (SELECT COUNT(Patient_Id) FROM ER_Data))
    )AS PERSENTAGE_WISE
FROM
    ER_Data
GROUP BY
    Patient_Gender
ORDER BY
    NUMBER_OF_PATIENT DESC
```

Below the query editor, the 'Results' tab is active, displaying a table with the following data:

	Patient_Gender	NUMBER_OF_PATIENT	PERSENTAGE_WISE
1	M	4705	51.052517361111
2	F	4487	48.687065972222
3	NC	24	0.260416666666

Male: 51.05% (4,705 patients)
Female: 48.69% (4,487 patients)

Patient Age Groups

30-39 years: 1,200 patients (largest group)

20-29 years: 1,188 patients

40-49 years: 1,140 patients

SQLQuery1.sql - B...(BOBBY\bdube (84)) 12345

```
SELECT
CASE
  WHEN Patient_Age < 10 THEN '0 TO 9'
  WHEN Patient_Age BETWEEN 10 AND 19 THEN '10 TO 19'
  WHEN Patient_Age BETWEEN 20 AND 29 THEN '20 TO 29'
  WHEN Patient_Age BETWEEN 30 AND 39 THEN '30 TO 39'
  WHEN Patient_Age BETWEEN 40 AND 49 THEN '40 TO 49'
  WHEN Patient_Age BETWEEN 50 AND 59 THEN '50 TO 59'
  WHEN Patient_Age BETWEEN 60 AND 69 THEN '60 TO 69'
  ELSE '70 TO 79'
END AS AGE_GROUP,
COUNT(Patient_Id) AS TOTAL_PATIENT
FROM
  ER_Data
GROUP BY
CASE
  WHEN Patient_Age < 10 THEN '0 TO 9'
  WHEN Patient_Age BETWEEN 10 AND 19 THEN '10 TO 19'
  WHEN Patient_Age BETWEEN 20 AND 29 THEN '20 TO 29'
  WHEN Patient_Age BETWEEN 30 AND 39 THEN '30 TO 39'
  WHEN Patient_Age BETWEEN 40 AND 49 THEN '40 TO 49'
  WHEN Patient_Age BETWEEN 50 AND 59 THEN '50 TO 59'
  WHEN Patient_Age BETWEEN 60 AND 69 THEN '60 TO 69'
  ELSE '70 TO 79'
END
ORDER BY AGE_GROUP ASC
```

62 %

Results Messages

	AGE_GROUP	TOTAL_PATIENT
1	0 TO 9	1056
2	10 TO 19	1179
3	20 TO 29	1188
4	30 TO 39	1200
5	40 TO 49	1135
6	50 TO 59	1151
7	60 TO 69	1154
8	70 TO 79	1153

Celebrating Patient Racial Diversity: Embracing inclusion in healthcare.

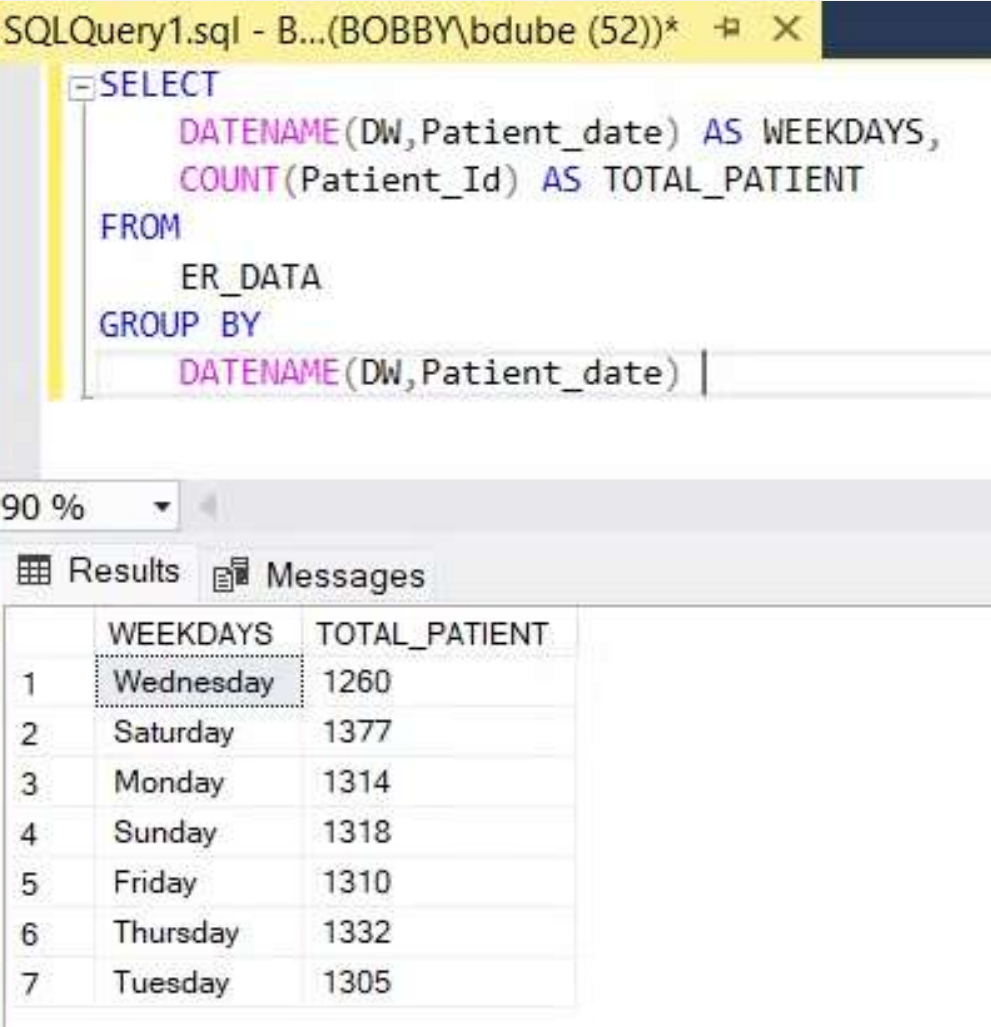
SQLQuery1.sql - B...(BOBBY\bdube (65))* X Hospital Er data.s...(BOB

```
SELECT
    Patient_Race,
    COUNT(Patient_Id) AS TOTAL_PATIENT
FROM
    ER_Data
GROUP BY
    Patient_Race
ORDER BY
    TOTAL_PATIENT DESC
```

100 %

Results Messages

	Patient_Race	TOTAL_PATIENT
1	White	2571
2	African American	1951
3	Two or More Races	1557
4	Asian	1060
5	Declined to Identify	1030
6	Pacific Islander	549
7	Native American/Alaska Native	498



By

Saturday: 1,377 patients (busiest)

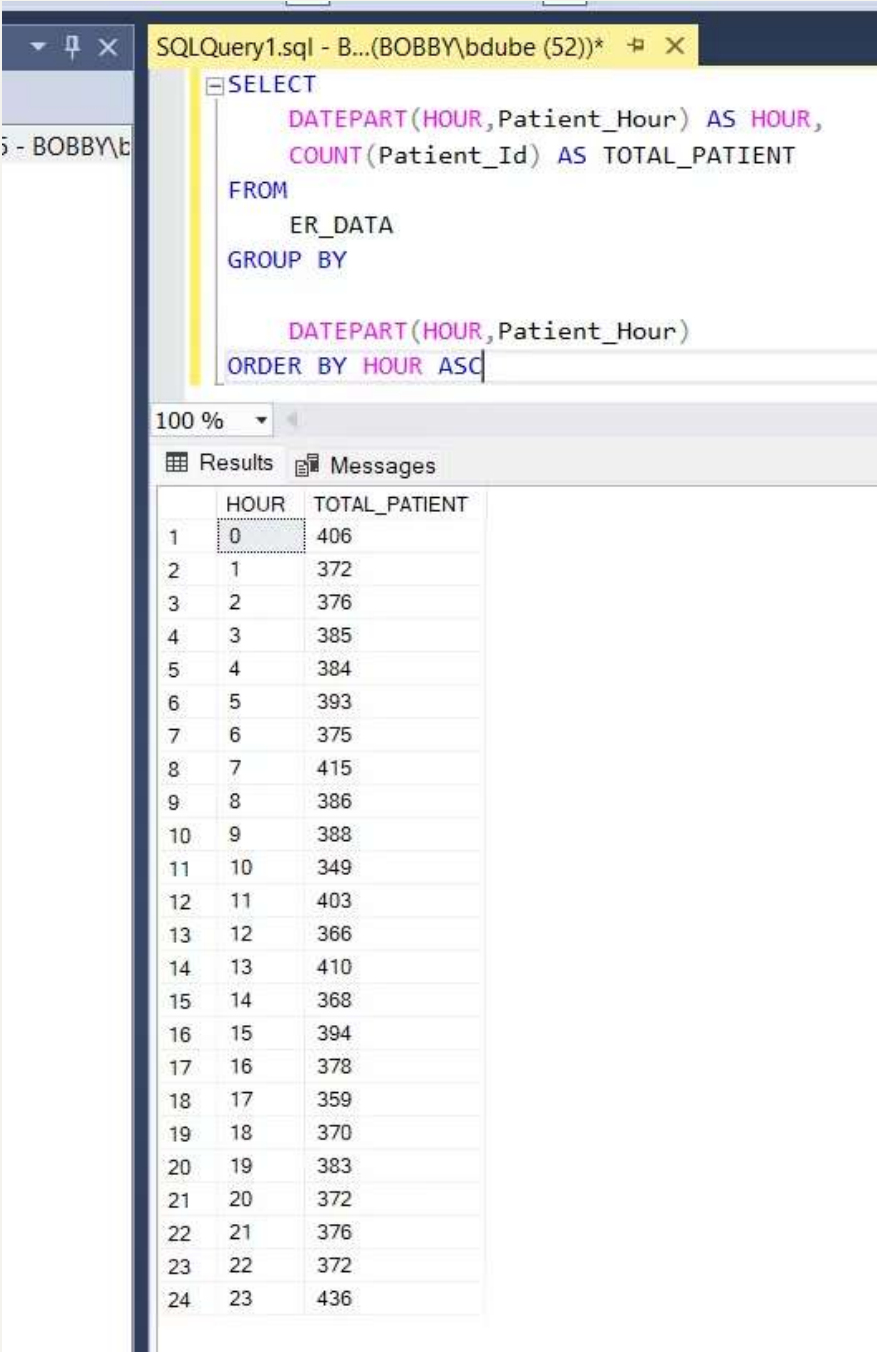
Thursday: 1,332 patients

Sunday: 1,318 patients

By Hour:

Peak times: 11 PM, 7 AM, 1 PM, and 11 PM

Try Pitch



THANK YOU

Created By: Bobby Dubey



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