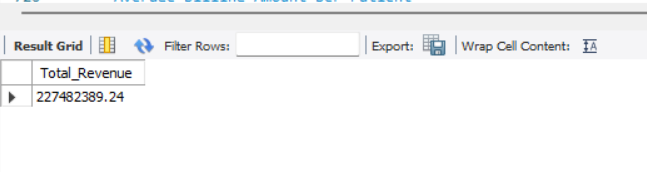
# **HEALTHCARE PROJECT SQL QUERY**

## **KEY PERFORMANCE INDICATORS (KPI)**

**1. Total Revenue (Billing Amount)**

SELECT Round(SUM(Billing\_Amount),2) AS Total\_Revenue

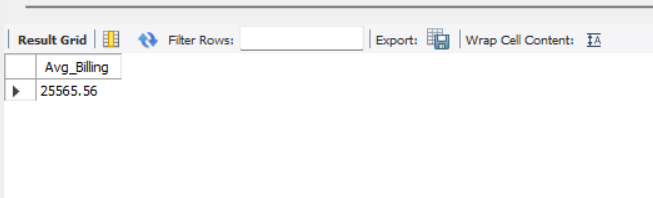
FROM healthcare\_dataset;



**2.Average Billing Amount per Patient**

SELECT round(AVG(Billing\_Amount),2) AS Avg\_Billing

FROM healthcare\_dataset;



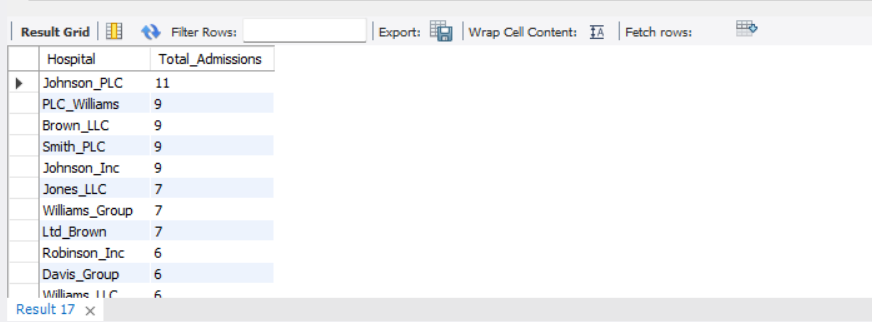
**3.Number of Admissions per Hospital**

SELECT Hospital, COUNT(\*) AS Total\_Admissions

FROM healthcare\_dataset

GROUP BY Hospital

ORDER BY Total\_Admissions DESC;

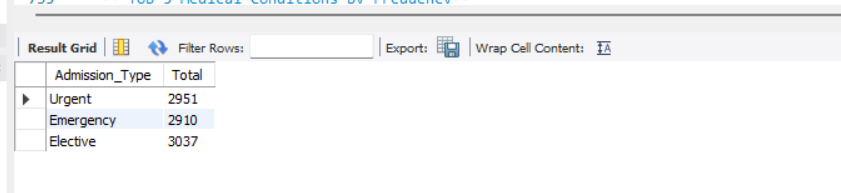


**4. Admissions by Type**

SELECT Admission\_Type, COUNT(\*) AS Total

FROM healthcare\_dataset

GROUP BY Admission\_Type;



**5. Top 5 Medical Conditions by Frequency--**

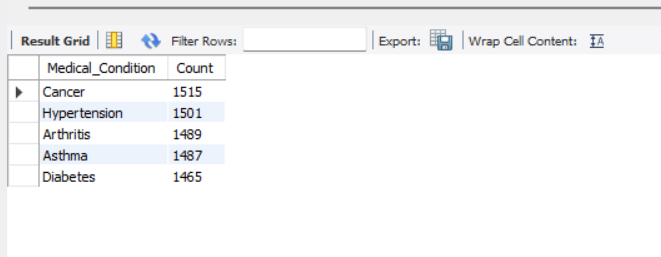
SELECT Medical\_Condition, COUNT(\*) AS Count

FROM healthcare\_dataset

GROUP BY Medical\_Condition

ORDER BY Count DESC

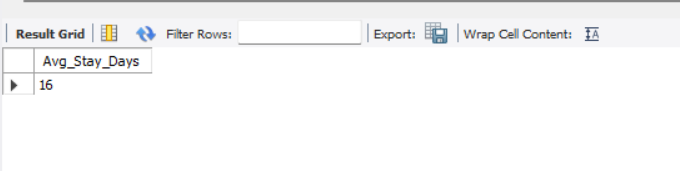
LIMIT 5;



**6. Average Length of Stay (Assumes Dates are parsed correctly)--**

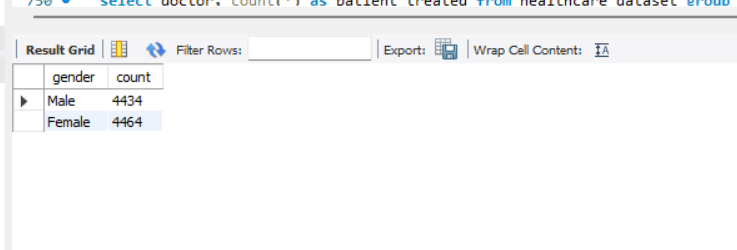
SELECT round(AVG(DATEDIFF(Discharge\_Date, Date\_of\_Admission)),0) AS Avg\_Stay\_Days

FROM healthcare\_dataset;



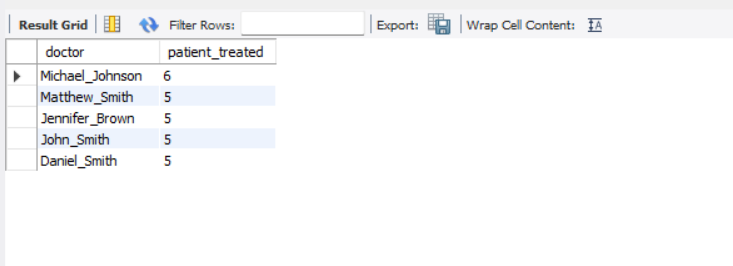
**6.Gender Distribution of Patients--**

select gender,count(\*) as count from healthcare\_dataset group by gender;



**7. Top 5 Doctors by Number of Patients Treated--**

select doctor, count(\*) as patient\_treated from healthcare\_dataset group by Doctor order by patient\_treated desc limit 5;



**8.Insurance Provider Utilization**

SELECT Insurance\_Provider, COUNT(\*) AS total

FROM healthcare\_dataset

GROUP BY Insurance\_Provider;

