**HEALTHCARE ANALYSIS SQL**

**1. Total Patients**

**SELECT COUNT(\*) AS PATIENTS**

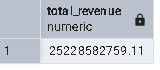
**FROM HEALTH**

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**2. Total Revenue**

**SELECT SUM(BILL\_AMOUNT) AS TOTAL\_REVENUE**

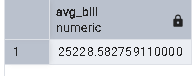
**FROM HEALTH**

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**3. Average Bill per Patient**

**SELECT AVG(BILL\_AMOUNT) AS AVG\_BILL**

**FROM HEALTH**

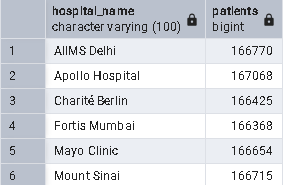
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**4. Patients by Hospital**

**SELECT HOSPITAL\_NAME, COUNT(PATIENT\_ID) AS PATIENTS**

**FROM HEALTH**

**GROUP BY HOSPITAL\_NAME**

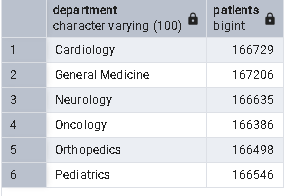
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**5. Patients by Department**

**SELECT DEPARTMENT, COUNT(PATIENT\_ID) AS PATIENTS**

**FROM HEALTH**

**GROUP BY DEPARTMENT**

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**6. Top 5 Diagnoses**

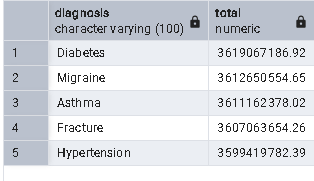
**SELECT DIAGNOSIS, SUM(BILL\_AMOUNT) AS TOTAL**

**FROM HEALTH**

**GROUP BY DIAGNOSIS**

**ORDER BY TOTAL DESC**

**LIMIT 5**

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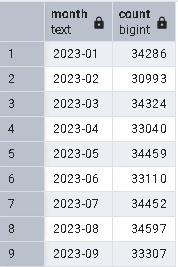
**8. Monthly Visit Trend**

**SELECT TO\_CHAR(VISIT\_DATE, 'YYYY-MM') AS MONTH, COUNT(\*)**

**FROM HEALTH**

**GROUP BY MONTH**

**ORDER BY MONTH ASC**

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**10. Insurance Utilization**

**SELECT INSURANCE\_USED, COUNT(\*) AS TOTAL**

**FROM HEALTH**

**GROUP BY INSURANCE\_USED**

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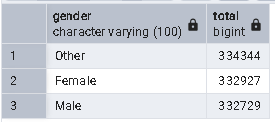
**11. Gender Distribution**

**SELECT GENDER, COUNT(\*) AS TOTAL**

**FROM HEALTH**

**GROUP BY GENDER**

**ORDER BY TOTAL DESC**

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**12. Patient Country Distribution**

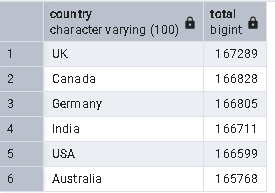
**SELECT COUNTRY, COUNT(\*)**

**AS TOTAL**

**FROM HEALTH**

**GROUP BY COUNTRY**

**ORDER BY TOTAL DESC**

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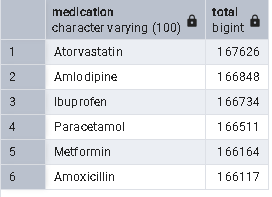
**13. Most Prescribed Medications**

**SELECT MEDICATION, COUNT(MEDICATION) AS TOTAL**

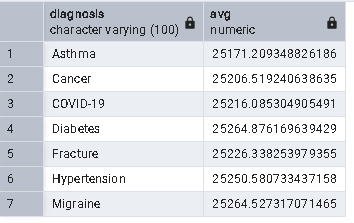
**FROM HEALTH**

**GROUP BY MEDICATION**

**ORDER BY TOTAL DESC**

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**14. Average Bill by Diagnosis**

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