

Ques: Total Number of Patients

Ans: select sum(patients_count) as total_number_of_Patients
from hospital_data;

Ques: Average Number of Doctors per Hospital

Ans: select avg(doctors_count) as average_number_of_doctor from hospital_data;

Ques: Top 3 Departments with the Highest Number of Patients

Ans ; select department , sum(patients_count) as total_patients
from hospital_data
GROUP BY department
order by total_patients desc limit 3;

Ques: Hospital with the Maximum Medical Expenses

Ans: select hospital_name , sum(medical_expenses) as total_expenses
from hospital_data
GROUP BY hospital_name
order by total_expenses desc limit 1;

Ques: Daily Average Medical Expenses

Ans : select hospital_name , avg(medical_expenses) as total_expenses
from hospital_data
GROUP BY hospital_name
order by total_expenses desc;

Ques: Longest Hospital Stay

Ans: SELECT MAX(DATEDIFF(admission_date, discharge_date)) AS longest_stay

FROM hospital_data;

Ques; Total Patients Treated Per City

Ans: select location , sum(patients_count) as total_patients

from hospital_data

group by location

order by total_patients desc;

Ques: Average Length of Stay Per Department

Ans: select department , avg(datediff(discharge_date , admission_date)) as avg_stay

from hospital_data

where admission_date <= discharge_date

GROUP BY department order by avg_stay desc;

Ques: identify the Department with the Lowest Number of Patients

Ans: select department , sum(patients_count) as
lowest_number_of_patients

from hospital_data

group by department

order by lowest_number_of_patients asc

limit 1 ;

Ques: Monthly Medical Expenses Report

Ans: SELECT DATE_FORMAT(admission_date, '%Y-%m') AS month,
SUM(medical_expenses) AS total_expenses

FROM hospital_data

GROUP BY month ORDER BY month;

