

Query 1: Monthly Appointment Count for Doctors Description:

This query calculates the number of appointments for each doctor in a specific month. It is a crucial tool for monitoring doctor schedules, patient demand, and hospital resource allocation.

Query 2: Percentage of Canceled Appointments Description:

This query calculates the percentage of canceled appointments compared to the total number of appointments. It helps assess appointment management and patient satisfaction.

Query 3: Patients with Outstanding Payments Description:

This query identifies patients with outstanding payments and provides the total amount owed by each patient. It ensures efficient billing and revenue collection.

Query 4: Distribution of Doctors by Specialization Description:

This query analyzes the distribution of doctors based on their specialization. It assists in optimizing resource allocation and ensuring adequate coverage in specialized areas.

Query 5: Summary of Monthly Appointments, Unique Patients, and Doctors Description:

This query summarizes key statistics for each month, including the total number of appointments, unique patients, and unique doctors. It offers insights into monthly hospital activity.

Query 6: Doctor-Patient Relationship Report Description:

This query provides a comprehensive report on the doctor-patient relationship. It includes the number of appointments and ranks patients for each doctor, aiding in patient care management.

Query 7: Details of Unpaid Bills Description:

This query retrieves essential information about unpaid bills, including patient and doctor names, billing dates, service/procedure details, amounts, and payment statuses.

Query 8: Monthly Visit Count for Each Patient Description:

This query calculates and displays the monthly visit count for each patient, helping monitor patient engagement and healthcare utilization.

Query 9: Identification of Potential Schedule Conflicts for Doctors Description:

This query identifies potential schedule conflicts for doctors, highlighting overlapping days and times in their schedules. It supports efficient schedule management and patient care.

Conclusion: The HMS queries mentioned above play a pivotal role in managing hospital operations, ensuring financial stability, and providing high-quality patient care. These queries empower hospital administrators, doctors, and staff to make informed decisions and optimize hospital resources.