

1. How many patients fall into specific age groups (e.g., 20-30, 31-40, etc.)?
2. What is the average number of years of experience for doctors in each medical specialization?
3. What is the total count of appointments for each status (e.g., 'Completed', 'Scheduled', 'Cancelled')?
4. What is the total amount billed for each payment method, broken down by payment status ('Paid', 'Unpaid')?
5. Which medical specialization has the most appointments?
6. How many unique patients has each hospital branch treated?
7. Who are the top 5 doctors generating the most revenue from 'Paid' bills, and what are their specializations?
8. How do doctors rank within each hospital branch based on the revenue they have generated?
9. What is the average number of days between consecutive appointments for each patient?
10. What is the time difference (in days) between a patient's first and most recent completed appointment?
11. Which patients have a total billed amount that is higher than the average billed amount for all patients?
12. What is the month-over-month percentage growth in revenue from 'Paid' bills?
13. Which patients have visited two or more different medical specializations, and what are those specializations?
14. Identify all billing records for patients who were billed on consecutive days.
15. How do you update the insurance provider to 'HDFC LIFE' for the patient with the ID 'P001'?
16. What is the 3-month moving average for monthly revenue from 'Paid' bills?