Hospital Management System SQL Project - Analytical Questions

# Doctor Performance & Specialization

* Which doctor has handled the most appointments?
* Which specialization attracts the highest number of appointments?
* Which doctor has the highest average consultation fee?

# Appointment Analysis

* What is the monthly trend of appointments?
* What is the appointment no-show rate (i.e., how many appointments were not attended)?
* Find the peak appointment hours (i.e., what time slot has the most appointments?)
* How many appointments were scheduled per doctor in the last month?

# Patient Insights

* What is the average age of patients?
* What percentage of patients book appointments on the same day compared to those who scheduled ahead?

# Treatment & Medication Trends

* What are the top 5 most common diagnoses given to patients?
* Find the most prescribed medications
* How many treatments were provided per doctor in the past 3 months?
* What is the average number of treatments per patient?
* Is there any relationship between diagnosis and medication prescribed?
* Which doctors prescribe the most medications?