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This query retrieves the names of doctors and formats their next appointment dates in a more readable form. It also calculates the next Friday from today using the NEXT\_DAY function, which can be useful for planning weekly meetings or rounds. But the appointment dates in our current database don’t have the appointment\_date in the future that’s the reason for not getting any results.

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This query connects the Treatment, Appointment, and Prescription tables to find all treatments and corresponding comments for a specific patient (with ID 101). It provides details of each treatment and instructions

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This query adds the total amount billed to each patient by joining the Patient, Appointment, and Billing tables. It groups the results by patient name and sums the billing amounts.

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This query identifies doctors with appointments scheduled for the last month. It uses the EXTRACT function to compare the month of the appointment date with the last month relative to the current date.

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This query gives the number of doctors in each specialization.

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Here I have just removed the specialization Neurology using the were statement.

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Here I have added having clause to show the specializations where there more than zero doctors.

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This query gives all the doctors' names who have made the billing more than 100 USD year to date.

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Group by roll-up add the aggregated values that it has got from the group by function. As we can see it adds an aggregated value of all the rows.

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