

30 Days SQL Micro Course Certificate Assignment

Instruction:

First, download the **Hospital Data.csv** file and import it into SQL. Then, solve the given queries to complete the **30-Day Micro Course** and earn your certificate. Once all queries are solved, copy the results, paste them into a Word document, convert it to a PDF, and upload the PDF using the Google Form link provided in the video description.

1. Total Number of Patients

- Write an SQL query to find the total number of patients across all hospitals.

2. Average Number of Doctors per Hospital

- Retrieve the average count of doctors available in each hospital.

3. Top 3 Departments with the Highest Number of Patients

- Find the top 3 hospital departments that have the highest number of patients.

4. Hospital with the Maximum Medical Expenses

- Identify the hospital that recorded the highest medical expenses.

5. Daily Average Medical Expenses

- Calculate the average medical expenses per day for each hospital.

6. Longest Hospital Stay

- Find the patient with the longest stay by calculating the difference between Discharge Date and Admission Date.

7. Total Patients Treated Per City

- Count the total number of patients treated in each city.

8. Average Length of Stay Per Department

- Calculate the average number of days patients spend in each department.

9. Identify the Department with the Lowest Number of Patients

- Find the department with the least number of patients.

10. Monthly Medical Expenses Report

- Group the data by month and calculate the total medical expenses for each month.

Note: A minimum of 6 queries must be correct to qualify for the certificate, only 1 Attempt Available.

Complete the assignment and upload it using the provided Google Form. Our A.I. system will review it within few seconds and then you will be able to download your certificate. For more details or support, you can raise a query at - info@satishdhawale.com