NeuralBits Internship SQL Challenge – Solution Summary

Database Schema: 1. hospital(hospital_id, hospital_name) 2. patient(patient_id, hospital_id, patient_name, dob, admission_datetime, discharge_datetime) 3. diagnosis(diagnosis_id, patient_id, diagnosis_name) 4. treatment(treatment_id, patient_id, medicine_name, dose_time, duration) 5. billing(bill_id, patient_id, bill_amount, payment_mode) Query Overview: 1. Average patients admitted (monthly, weekly, yearly) per hospital. 2. Hospital occupancy over day/week/month/year. 3. Age-wise patient categorization (Child, Adult, Senior). 4. Most consumed medicine overall. 5. Most consumed medicine per diagnosis. 6. Average hospitalization duration. 7. Monthly & yearly income split by payment mode.

The detailed SQL queries are provided in the accompanying 'neuralbits_solution.sql' file.