Hospital Patient Records Analysis

As part of the data analytics team in a private hospital, you have been asked to assess operational efficiency, patient demographics, and treatment cost trends. The hospital plans to optimize resources and reduce patient stay duration without compromising care quality.

Business Questions

- • What is the average length of stay per department?
- • Which diagnoses are most frequent across age groups?
- • What is the monthly trend of patient admissions?
- • Which departments incur the highest average treatment costs?

Expected Deliverables

- • Interactive dashboard showing department-wise metrics
- • Bar and line charts for diagnoses and length of stay trends
- • Cost analysis by department
- • Insights and recommendations in a brief summary