

Hospital Work Dashboard (Power BI)

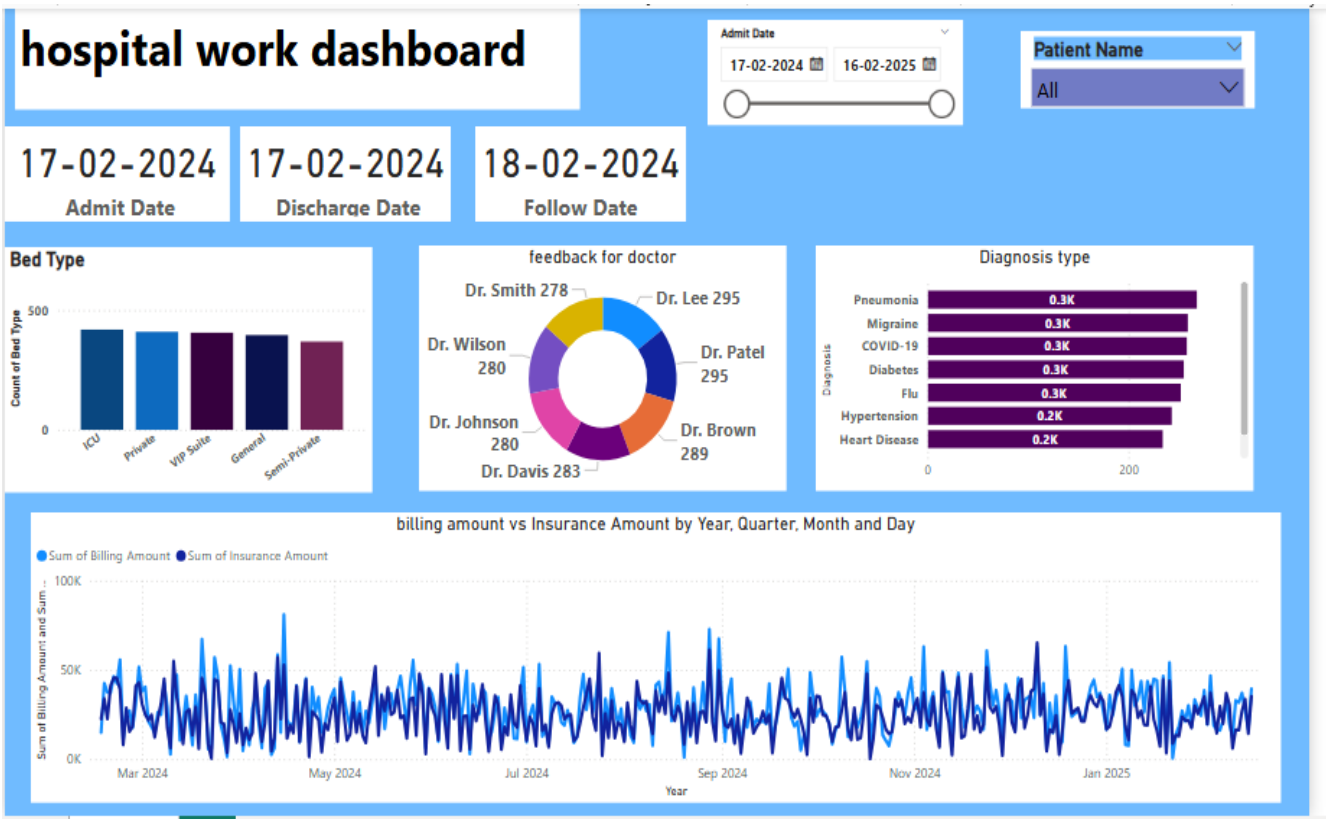
Project overview

This project presents a detailed overview of hospital patient operation between February 2024 and February 2025. The report highlights patient admissions, discharges, follow up dates, bed usage, diagnosis patterns, doctor feedbacks, and financial trends like billing vs insurance amounts. The goal is to provide hospital administrators and analyst with view of performance, patient care trends, and efficiency.

The dashboard is filterable by patient name, admit date, and discharge/follow up date allowing deeper insights into individual patient journey and timeline analysis.

Key insights and analytics of the dashboard

The power BI dashboard enables visual exploration and impactful analysis with the following key components:



1. Admission & Discharge trends

The dashboard represents admit, discharge, and follow up dates to see patient cycles. This also helps in optimizing bed availability, appointment and discharge plan.

2. Doctor feedback and diagnosis type

It count patient feedback count for each doctor and indicate busy or consistent patient doctor interaction. Diagnosis shows volume of illness treated by doctor in time.

3. Billing vs insurance analysis

There is a line chart which shows billing vs insurance amount by month and day.

Conclusion

The hospital dashboard provides a robust, real time overview of healthcare operations. It supports:

- Patient care management through admission/ discharge monitoring.
- Resource planning through bed type
- Quality assurance through doctor feedback
- Clinical insights by analyzing diagnosis trends
- Finance insights with billing vs insurance comparisons

This dashboard empowers healthcare administrators and analysts to make data driven decisions that improve patient experience, optimize operations, and financial efficiency.