

HEALTHCARE PROJECT

Nitin Dukare (Certified Data Analyst)

Business Problem :-

1. Analyzed hospital resource utilization to identify patterns in patient admissions, discharge trends, and average length of stay.
2. Evaluated treatment cost variations across departments, diagnoses, and demographics to uncover cost optimization opportunities.
3. Assessed patient outcomes to measure recovery, mortality, and transfer rates across departments and age groups.
4. Compared departmental performance using key metrics like treatment cost, stay duration, and patient outcomes.
5. Identified high-burden diseases and demographic trends to understand which conditions and groups drive hospital workload.
6. Examined admission and discharge trends to detect seasonal patterns and improve staffing and resource planning.