



## Your Data, Decoded – Key Insights in Healthcare Domain

The healthcare sector plays a vital role in ensuring the well-being of individuals and communities, offering services like diagnosis, treatment, prevention, and disease management through hospitals, clinics, and public health systems. With the growing demands of healthcare, it's essential to leverage data to drive more efficient and effective care.

This **Healthcare Analytics Dashboard** offers a clear and interactive overview of patient data and hospital performance across 10 major US hospitals, based on over 55,000 anonymized patient records. It empowers healthcare professionals and decision-makers to explore trends in admissions, recovery rates, treatment efficiency, and resource utilization.



Choose your Insights :

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Clinical Insights

Executive Insights

Patient Insights

By examining treatment effectiveness, and the prevalence of conditions across different demographics, we gain meaningful insights into what's working and where there's room for improvement. These insights empower healthcare providers to make informed, compassionate, and precise decisions that lead to better outcomes for every patient.

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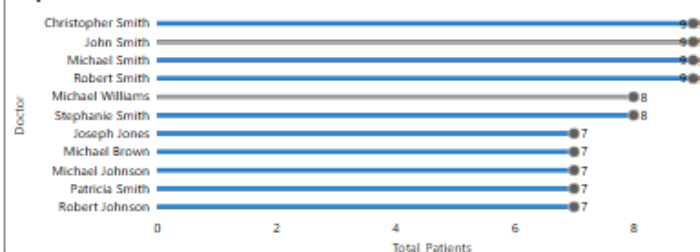
Patient Insights

18655  
Total\_Patients

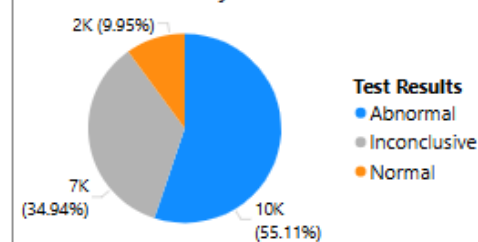
477.65M  
Billing Amount

15.53  
Patient\_Stay

### Top 10 Doctors in terms of No. of Patients



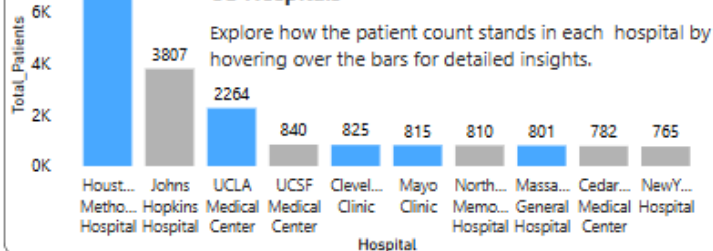
### Patient Distribution by Test Results



### Admission Type

- ☒ Elective
- ☐ Emergency
- ☐ Urgent

### Comparison of Patient Counts Across 10 Major US Hospitals



### Medication and Condition Overview

Analyzing Patient Treatment Patterns and Associated Diagnoses Across U.S. Hospitals

Medication	Arthritis	Asthma	Cancer	Diabetes	Hypertension	Obesity
Aspirin	380	272	388	926	950	868
Ibuprofen	380	266	380	923	937	848
Lipitor	365	254	370	902	925	851
Paracetamol	362	259	372	950	939	855
Penicillin	370	253	360	970	924	856
Total	1857	1304	1870	4671	4675	4278

Explore a comprehensive overview of key business metrics, specifically designed to help decision-makers easily understand hospital performance across various parameters

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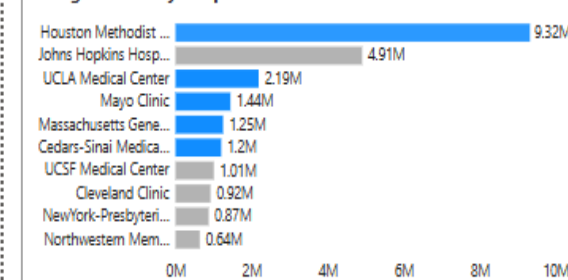
Total Billing Amount  
\$23.76M

Male Patients  
347

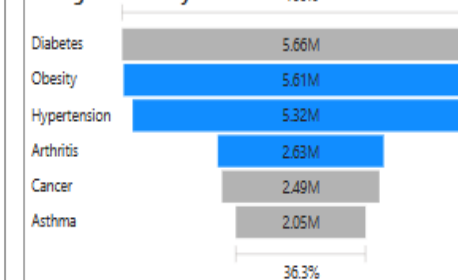
Female Patients  
460



### Billing Amount by Hospital



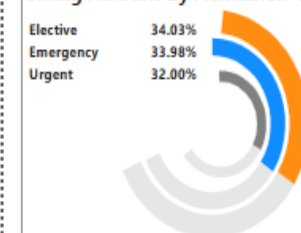
### Billing Amount by Medical Condition



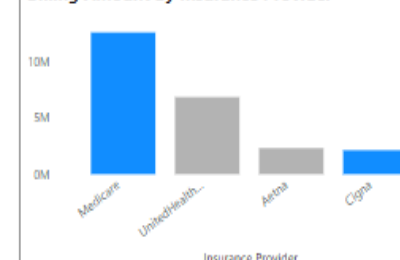
### Select Age group

- ☒ 0-18
- ☐ 19-35
- ☐ 36-50
- ☐ 51-65
- ☐ 66+

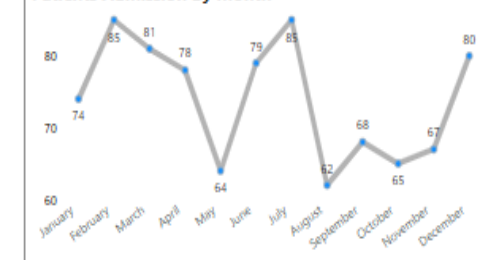
### Billing Amount by Admission Type



### Billing Amount by Insurance Provider



### Patients Admission by Month



The Patient Insights page shows key details like gender, age, blood group, and admission type. It helps hospitals understand their patients better and make informed decisions to improve care and services.

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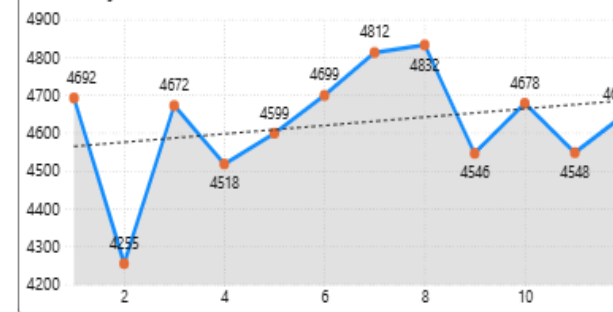
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### Patients by Admission Date



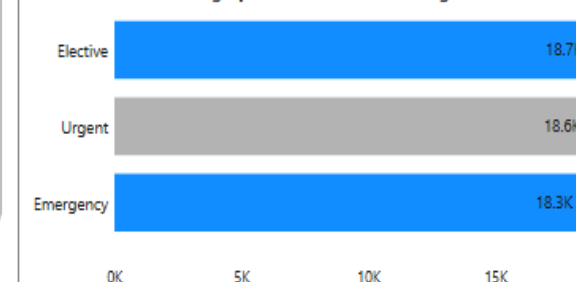
### Geographic Distribution of Hospitals by Patient Count



### Show by

- ☒ Admission Type
- ☐ Age\_group
- ☐ Blood Type
- ☐ Gender
- ☐ Hospital
- ☐ Medical Cond...

### Trends in Patient Demographics and Admission Insights



### Patient Flow and Stay Metrics by Hospital

Hospital	Patient_Stay	Total_Patients
Cedars-Sinai Medical Center	15.52	2405
Cleveland Clinic	15.75	2424
Houston Methodist Hospital	15.51	20402
Johns Hopkins Hospital	15.53	11268
Massachusetts General Hospital	15.40	2471
Mayo Clinic	15.58	2400
NewYork-Presbyterian Hospital	15.48	2334
Northwestern Memorial Hospital	15.45	2511
UCLA Medical Center	15.46	6853