

****Objective:****

The objective of this dashboard is to gain insights into patient demographics, hospital performance, financial metrics, and treatment outcomes using the healthcare dataset.

Total Patient

31K

KPI's

Avg Length Stay

15

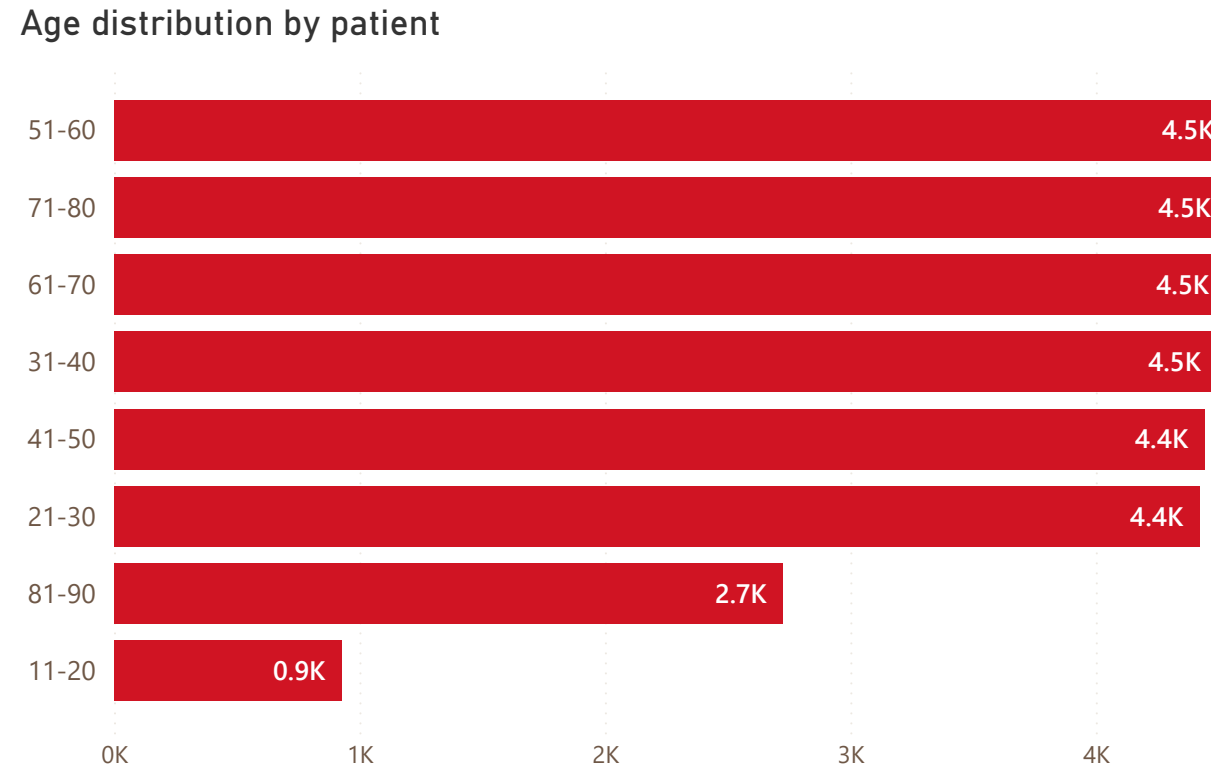
Male Patient

16K

Female Patient

14K

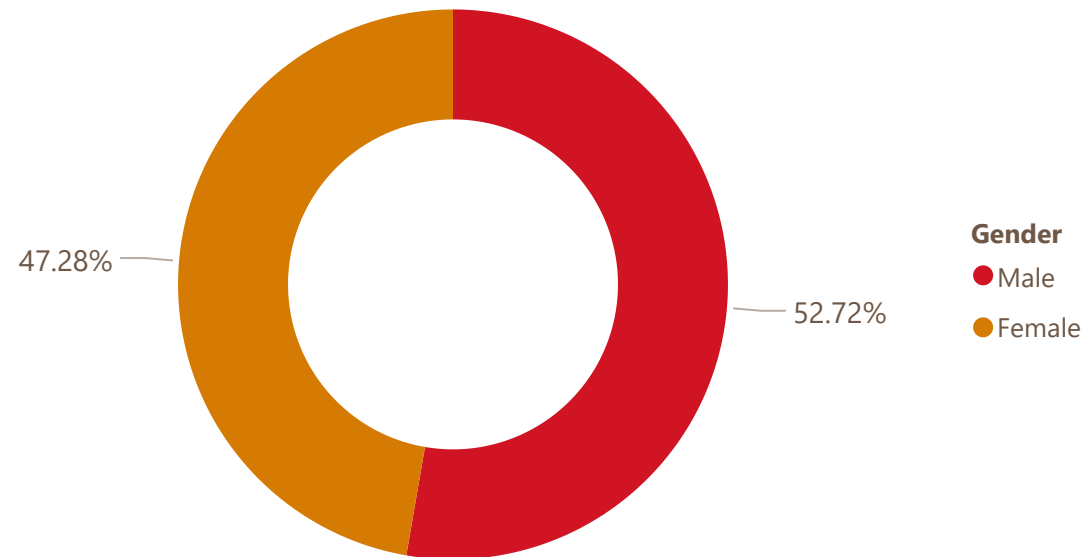
What is the distribution of patients by age group?



insight: This analysis helps in understanding which age groups are most represented and can assist in resource allocation, specialized care planning, and targeted health programs.

What is the gender distribution of patients?

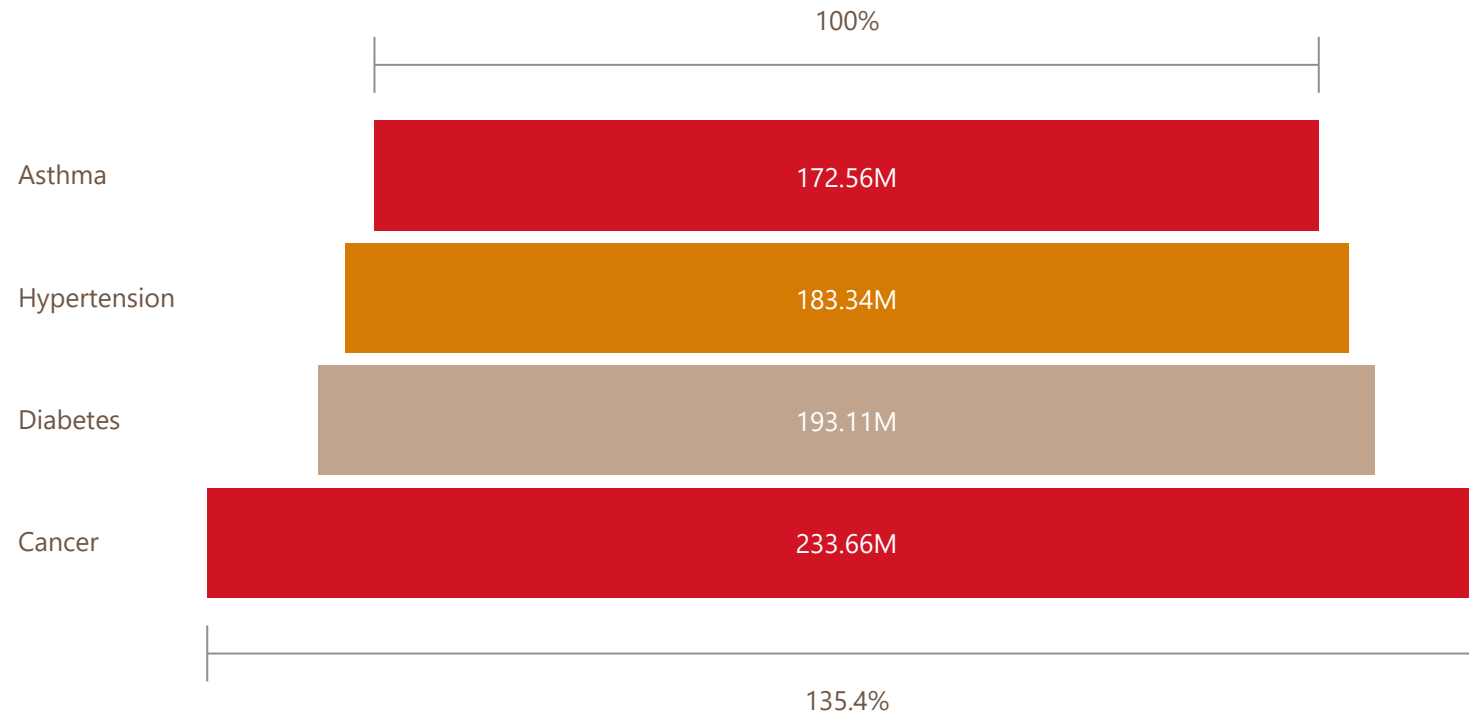
Gender wise patient



The gender distribution of patients shows a slightly higher percentage of male patients (52%) compared to female patients (47%). This insight might indicate the need to tailor healthcare services to the different needs of male and female patients, ensuring equitable access and quality of care for all genders.

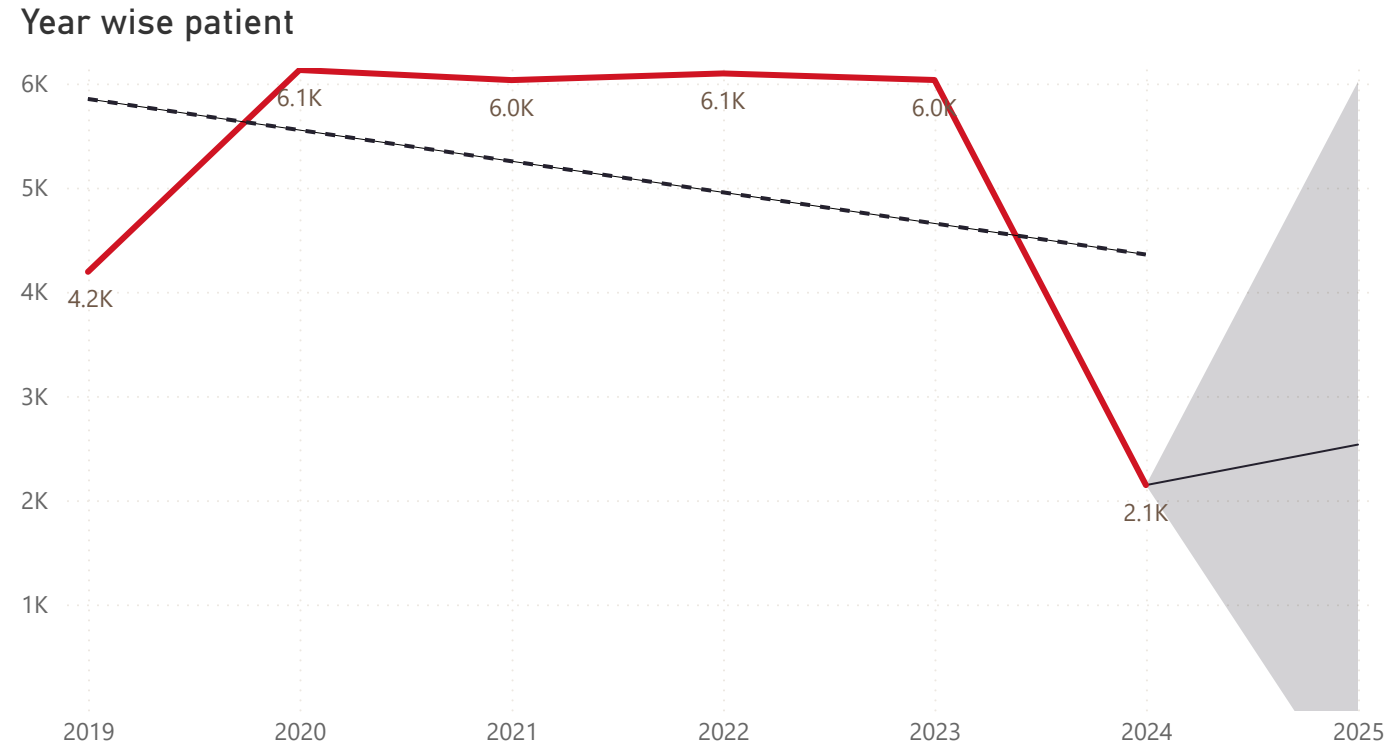
What are the most common medical conditions among patients?

Patient wise Billing Amount



These insights can guide healthcare providers in prioritizing resources, designing targeted interventions, and improving patient outcomes by addressing the most prevalent medical conditions effectively.

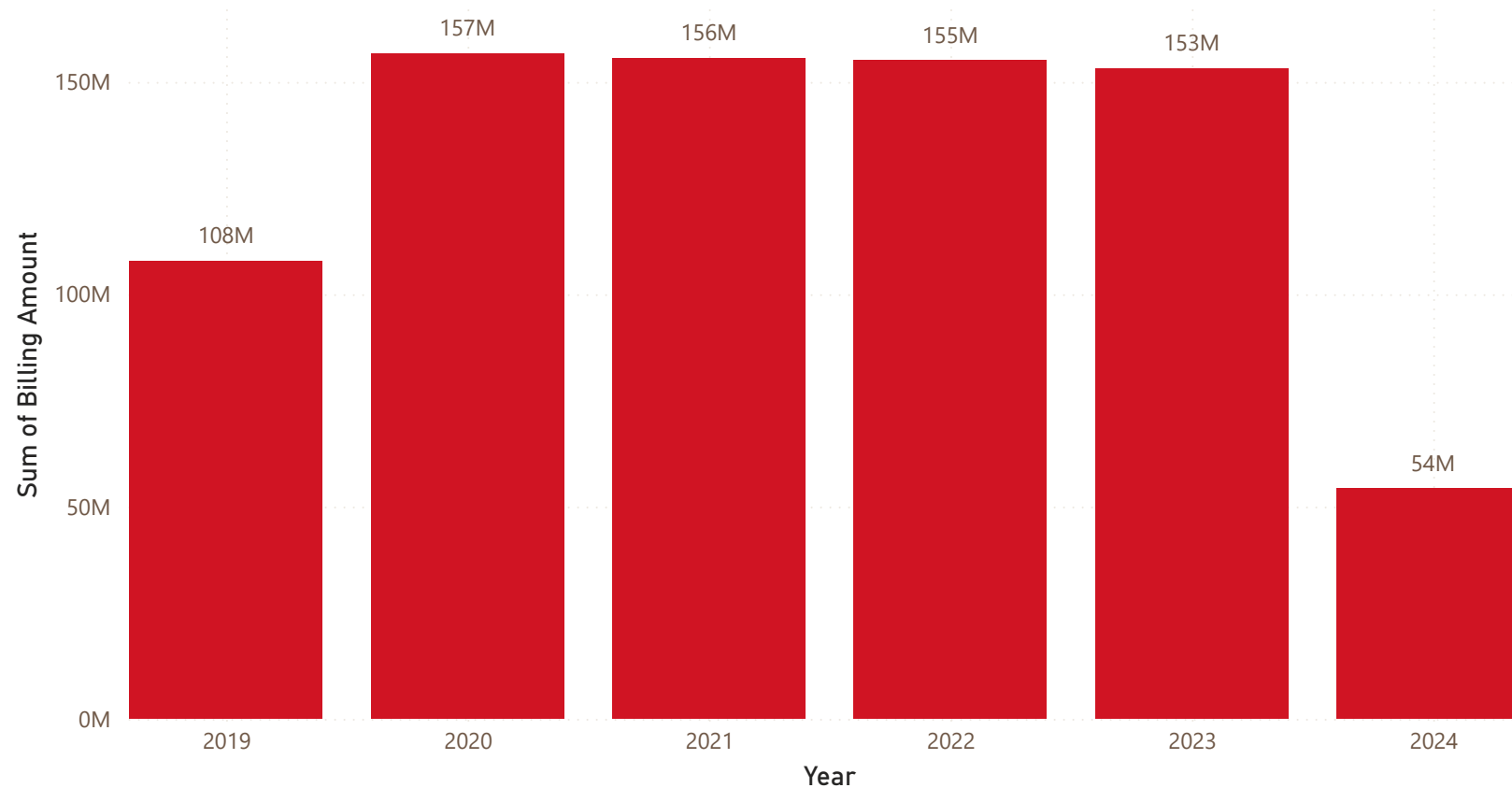
How many patients were admitted each month?



These insights help healthcare administrators plan resource allocation, staffing, and inventory management to ensure optimal patient care throughout the year, especially during peak seasons.

What is the total billing amount per year?

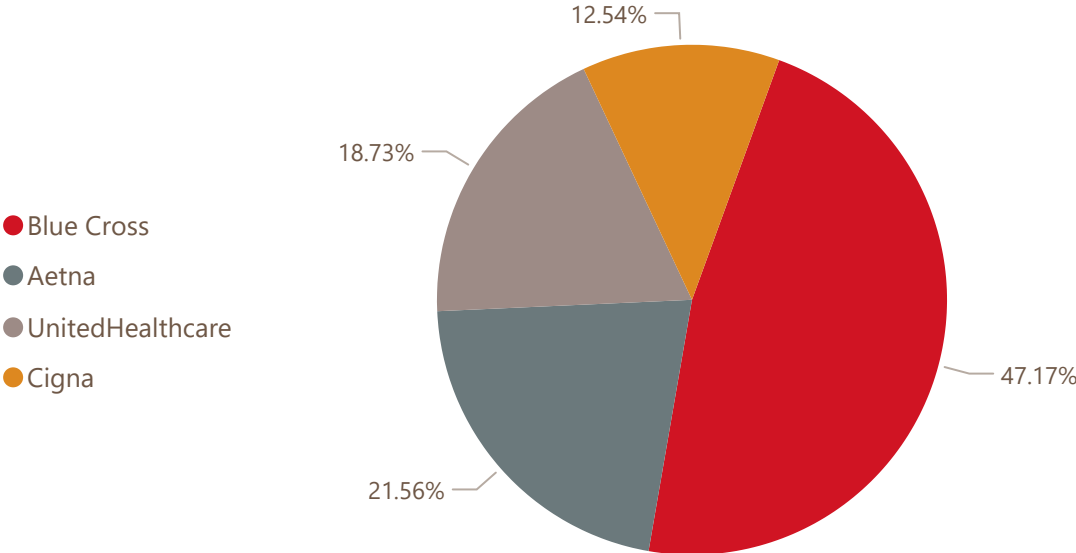
Sum of Billing Amount by Year



The total billing amount shows significant fluctuations throughout the year, with peaks corresponding to the winter months' increased

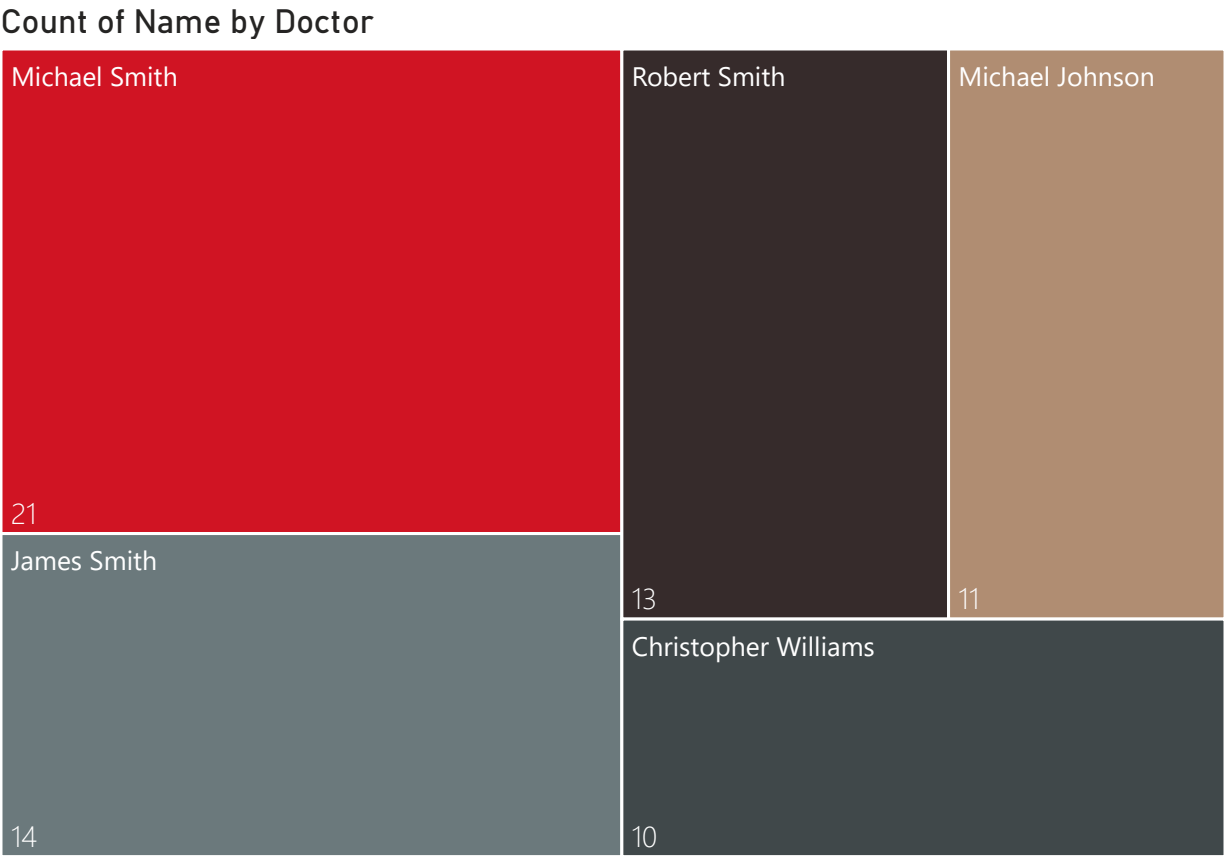
Which insurance providers cover the highest number of patients?

Count of Name by Insurance Provider



Medicare and Blue Cross cover the highest number of patients, highlighting their significant role in the healthcare system. This insight emphasizes the importance of maintaining good relationships with major insurers, effective financial planning, and strategic partnerships.

Which doctors handle the most patients?



Doctors like Dr. Matthew Smith and Dr. Samantha Davies handle the most patients, indicating their high efficiency and trust within the community. Understanding these patterns helps hospitals optimize operations, improve patient satisfaction, and plan for future staffing needs.



HOSPITAL PERFORMANCE DASHBOARD

Total Patient

31K

Male Patient

16K

Female Patient

14K

Avg Length Stay

15

Blood Type

All

Gender

☐ Female

☐ Male

Medical Condi...

☐ Asthma

☐ Cancer

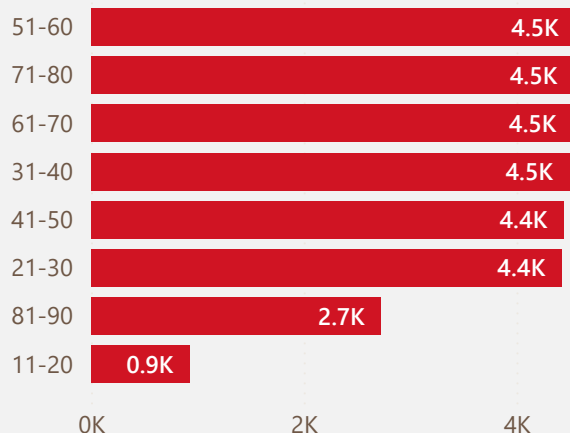
☐ Diabetes

☐ Hypertension

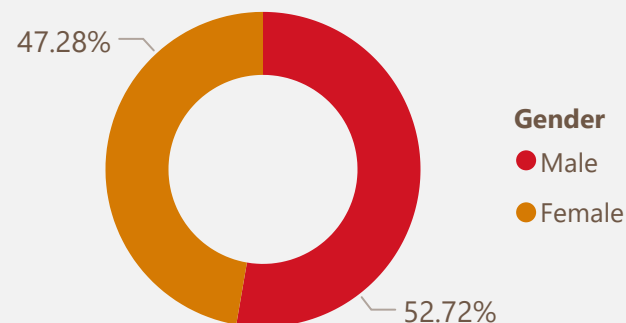
Age group

All

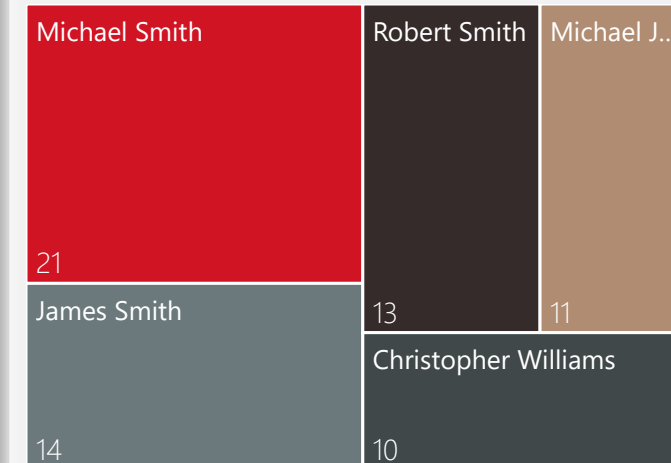
Age distribution by Patient



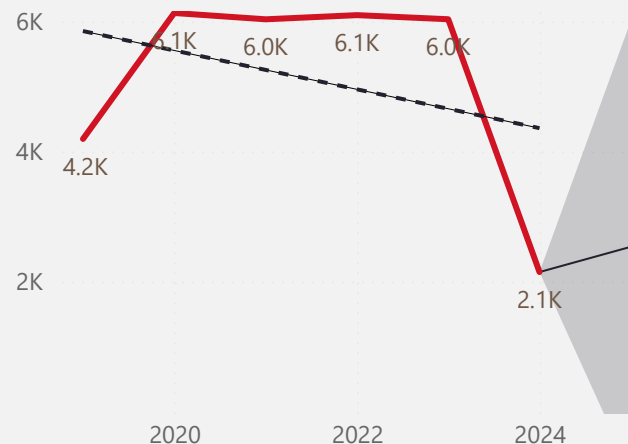
Gender wise Patient



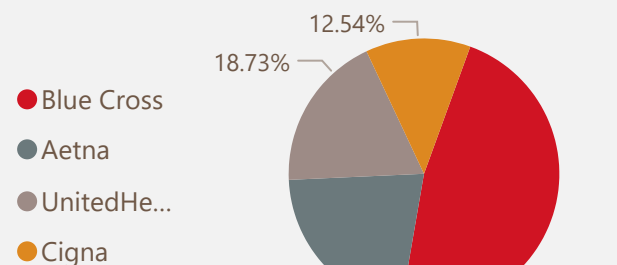
Doctor wise Patient



Year wise Patient



Insurance Provider wise Patient



Patient wise Billing Amount

