

Healthcare Analysis

Avg length of stay(days)

15

Patients

54,966

Total Revenue

\$1.4bn

Doctors

40.3K

Hospitals

39.9K

Gender

All

Insurance Type

All

Admission Type

All

Admission Date

08/05/2019

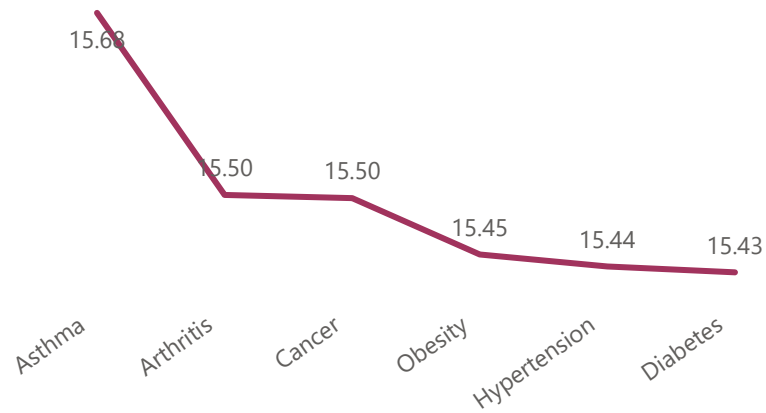
07/05/2024

Discharge Date

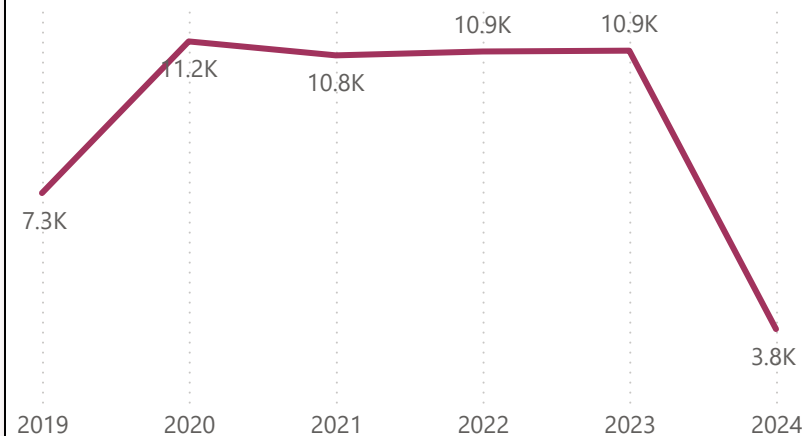
09/05/2019

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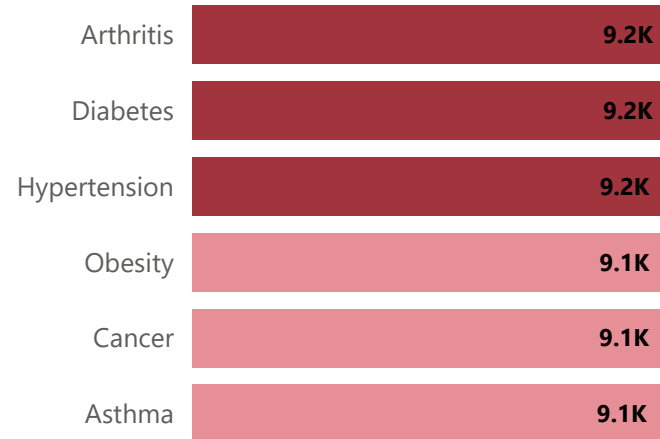
Average Length of stay(days) by Medical Condition



Admission date trend over the years



Most common medical condition



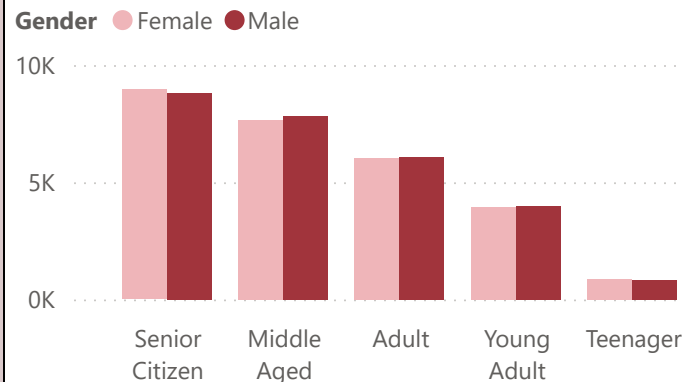
Average length of stay by Age

| Age_ | Average of Length of stay |
|----------------|---------------------------|
| Adult | 15.34 |
| Middle Aged | 15.56 |
| Senior Citizen | 15.57 |
| Teenager | 15.45 |
| Young Adult | 15.48 |
| Total | 15.50 |

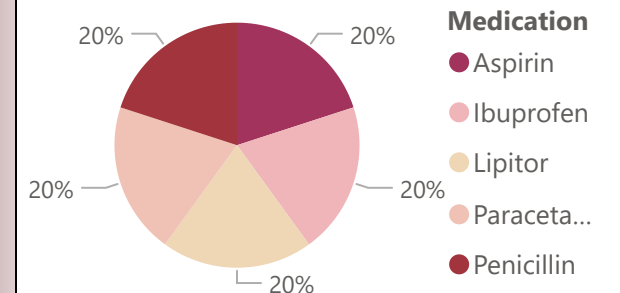
Average billing by Admission type

| Admission Type | Average billing amount |
|----------------|------------------------|
| Elective | 25,612.14 |
| Urgent | 25,514.53 |
| Emergency | 25,505.33 |
| Total | 25,544.31 |

Gender distribution by Age



Medication distribution %



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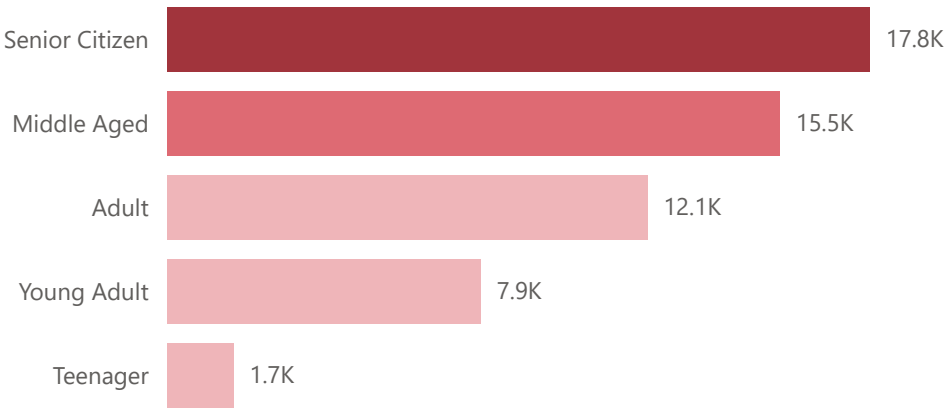
09/05/2019

06/06/2024

Distribution of Medication by medical condition

| Medical Condition | Aspirin | Ibuprofen | Lipitor | Paracetamol | Penicillin | Total |
|-------------------|---------|-----------|---------|-------------|------------|-------|
| Arthritis | 1901 | 1805 | 1810 | 1858 | 1844 | 9218 |
| Diabetes | 1836 | 1846 | 1875 | 1794 | 1865 | 9216 |
| Hypertension | 1845 | 1874 | 1823 | 1839 | 1770 | 9151 |
| Obesity | 1853 | 1834 | 1812 | 1775 | 1872 | 9146 |
| Cancer | 1768 | 1862 | 1904 | 1829 | 1777 | 9140 |
| Asthma | 1781 | 1802 | 1814 | 1870 | 1828 | 9095 |
| Total | 10984 | 11023 | 11038 | 10965 | 10956 | 54966 |

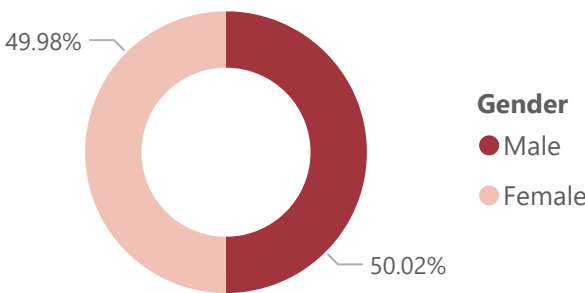
Medication distribution by Age_



Average billing by gender/age

| Gender | Average of Billing Amount |
|----------------|---------------------------|
| Male | 25,614.45 |
| Young Adult | 25,250.43 |
| Teenager | 26,278.04 |
| Senior Citizen | 25,536.35 |
| Middle Aged | 25,573.42 |
| Adult | 25,928.53 |
| Female | 25,474.10 |
| Young Adult | 25,592.26 |
| Teenager | 26,363.70 |
| Senior Citizen | 25,358.80 |
| Middle Aged | 25,608.13 |
| Adult | 25,272.10 |
| Total | 25,544.31 |

Medication distribution by Gender



Overview

An in-depth analysis of healthcare data highlighting key insights and recommendations.

Insights:

- Patients with asthma have the longest average length of stay.
- Arthritis and diabetes are the most common medical conditions
- Senior citizens account for the largest population segment.
- The most common insurance type is Cigna Insurance
- The most common blood types are: B+, O-, O+

Recommendations:

- Development of Asthma management programs including follow up care.
- Implement interventions for arthritis and diabetes management including lifestyle modification programs and regular monitoring.

Analysis by
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