HEALTH CARE PROJECT-By Kanishka and Purvi

2019-2024 Year Data Analysis of Patients

OVERVIEW

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55.50K	51.54	25.54K
Patients count	Average Age	Average Billing Amount

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REPORT ANALYSIS

Admission Type
Elective	Emergency	>

AgeGroup
10-18	19-30	31-45	>

Patient Count
0.00K **55.50K** 111.00K

Age Variation
52
13 **51.54** 89
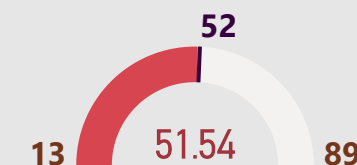
Patient Count by Gender & Blood Type

3.3... (6...)   3.39K (6....)
3.44K (6.19%)   3.51K (6.32%)
3.56K (6....)   3.5... (6....)
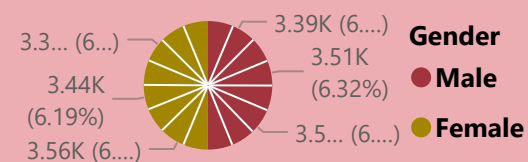
Gender
- Male
- Female

Count of Age by Admission Type

Admission Type:
- Elective
- Urgent
- Emerg...

0K   10K   20K
Count of Age
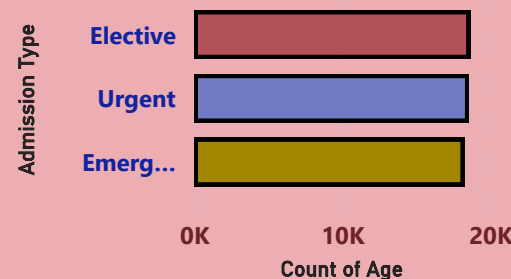
Patient Count by Billing Amount

8.15K (14.69%)   12.4K (22.34%)

9.61K (17.3...)

12.22K (22.01%)   12.23K (22.04%)

AgeGroup
- 46-60
- 31-45
- 60-75
- 19-30
- Above 75
- 10-18
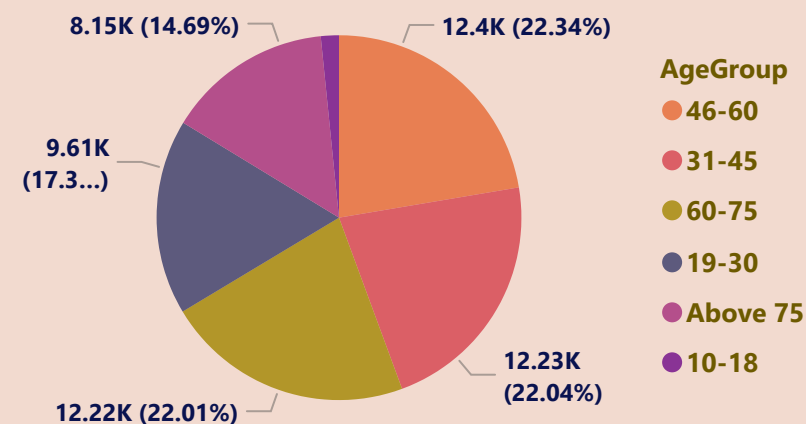
Patient Count by AgeGroup

Count of Patient ID: 0K, 5K, 10K

AgeGroup: 46-60, 31-45, 60-75, 19-30, Above 75, 10-18

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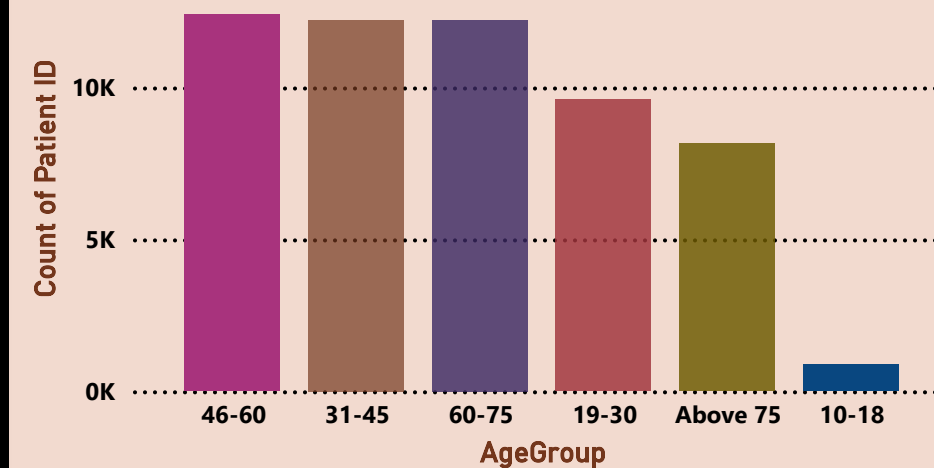
INSIGHTS ON BASIS OF GENDER

Count of Patient ID by Gender and Medical Condition

- 4.62K (8.33%)
- 4.63K (8.35%)
- 4.63K (8.33%)
- 4.65K (8.3...)
- 4.63K (8.35%)
- 4.69K (8.44%)
- 4.55K (8.2%)
- 4.6K (8.29%)
- 4.65K (8.3...)
- 4.61K (8.31%)
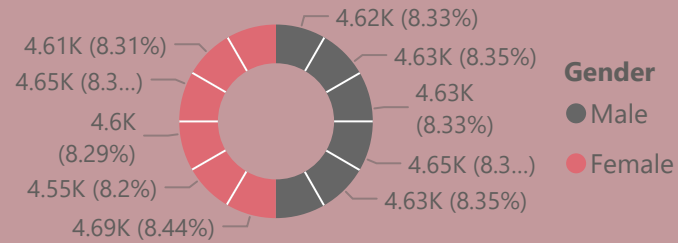
Gender
- ● Male
- ● Female

Count of Age by Blood Type and Gender

Gender ● Female ● Male

Blood Type: A-, A+, AB+, AB-, B+, B-, O+

Count of Age: 0K, 1K, 2K, 3K, 4K
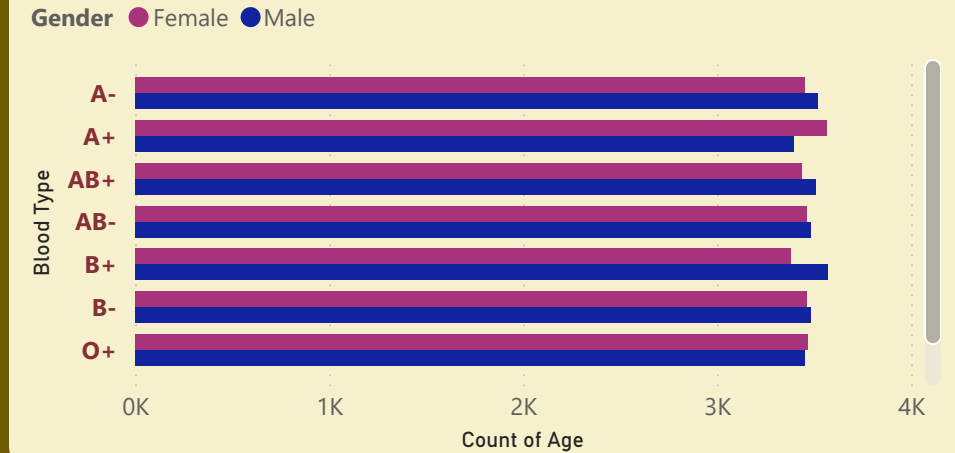
Gender
- ☐ **Female**
- ☐ **Male**

AgeGroup
- ☐ **10-18**
- ☐ **19-30**
- ☐ **31-45**
- ☐ **46-60**

Count of Age by Insurance Provider and Gender

Gender ● Female ● Male

Insurance Provider: Cigna, Medicare, UnitedHealthcare, Blue Cross, Aetna

Count of Age: 0K, 2K, 4K, 6K
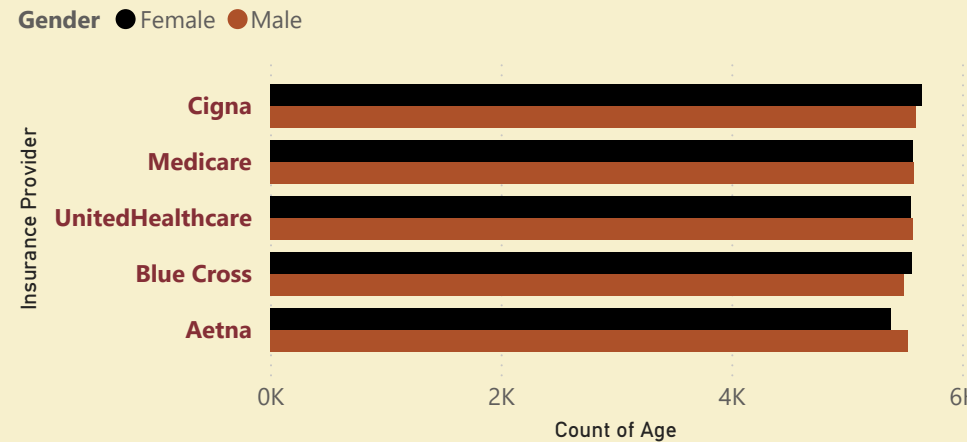
Count of Age by Medication and Gender

Gender ● Female ● Male

Medication: Lipitor, Ibuprofen, Aspirin, Paracetamol, Penicillin

Count of Age: 0K, 2K, 4K, 6K

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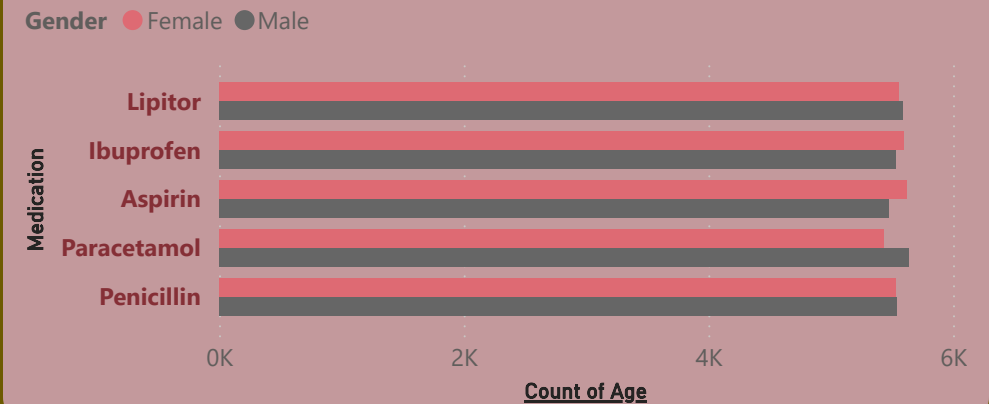
Surveys Perceptions

AgeGroup

All

Location and Location

Location ● Abbott … ● Abbott I… ● Abbott … ● Abbott … ● Abbott, … ● Abbott, … ● Abbott-…

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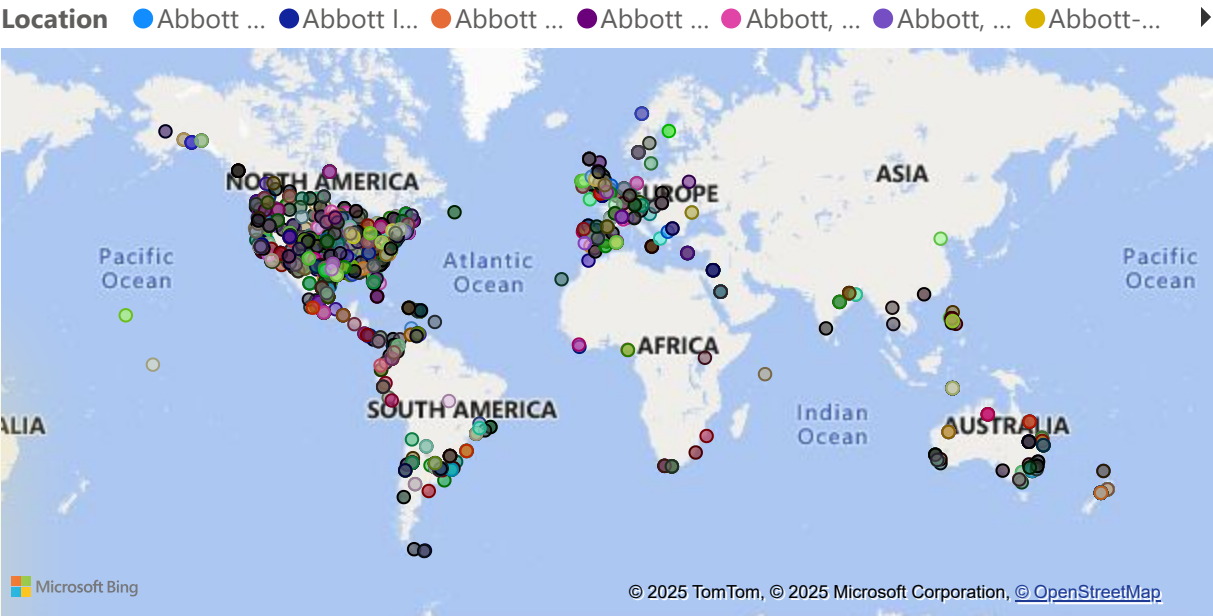
Standard Deviation of AGE

27.75K

55.50K

16.02K   111.00K
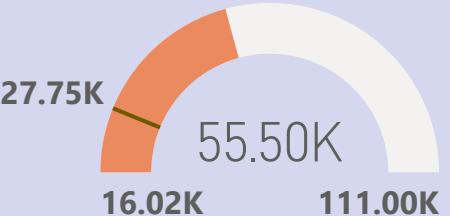
Count of Medication by Medical Condition

9.19K
(16.55%)

9.31K
(16.77%)

9.…
(…)

9.…
(…)

9.23K
(16.63%)

9.25K
(16.66%)

Medical Condi…

● Arthritis
● Diabetes
● Hypertens…
● Obesity
● Cancer
● Asthma
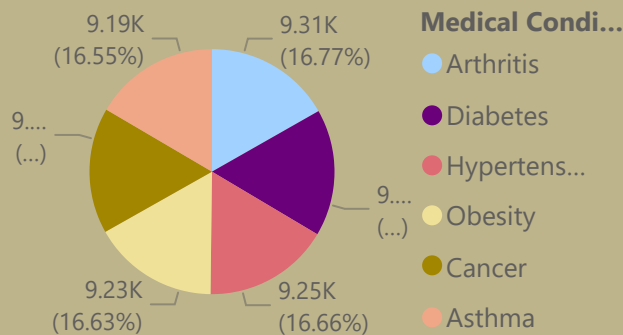
Count of Age and Count of Patient ID by Year

Count of Patient ID

10K

0K

0K   5K   10K
Count of Age
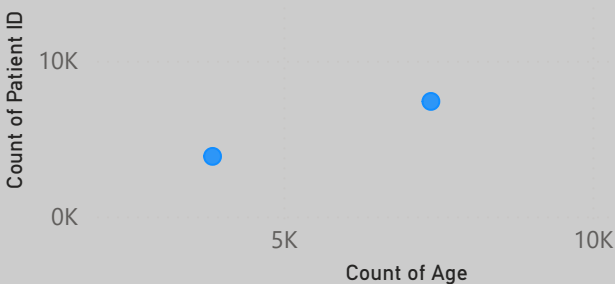
Count of AgeGroup by Test Results

18.36K
(33.07%)

18.63K
(33.56%)

18.52K (33.36%)

Test Results

● Abnormal
● Normal
● Inconclusive
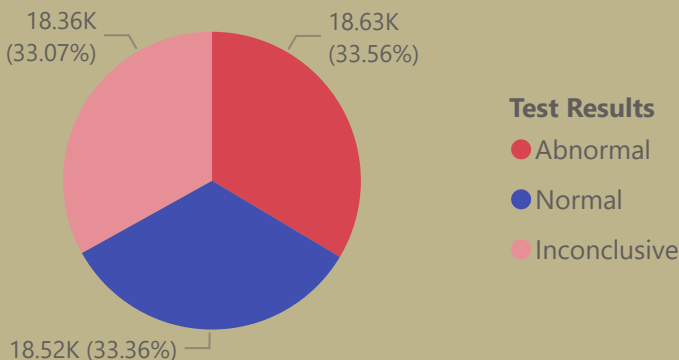
SUMMARY

In Health care analysis, we are able to draw following insights:-
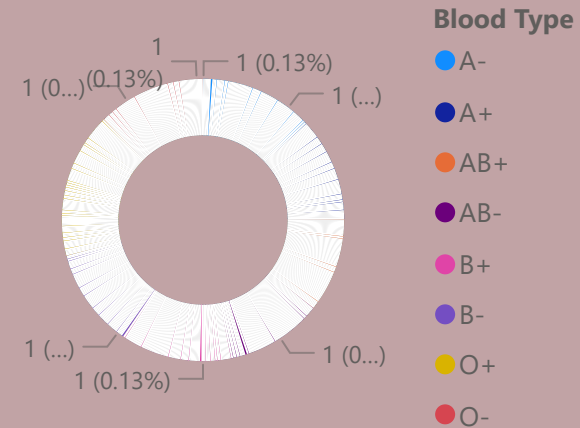
1. Asthma is found in more number of patients.

2. Test results are mostly inconclusive.

3. FEMALES have been provided more health insurance by CIGNA.

4. Mostly patients are of age from 46 to 60.

CONCLUSION

Blood Type
- 🔵 A-
- 🔵 A+
- 🟠 AB+
- 🟣 AB-
- 🟣 B+
- 🟣 B-
- 🟡 O+
- 🔴 O-

1 (0.13%)
1 (0...)
1 (...)
1 (...)
1 (0.13%)
1 (0.13%)
1 (0...)

13
Min of Age

89
Max of Age

51.54
Average of Age

AgeGroup ⌄
All ⌄

Blood Type ⌄
All ⌄

THANK YOU