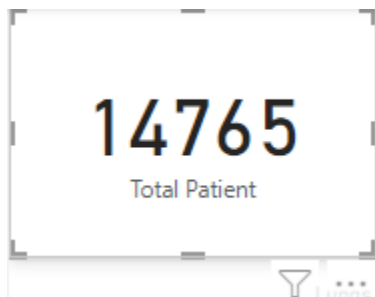# Health Care Data Drive Decision:

Week 3 Project Submission pdf - STU649f97401a9bf1688180544
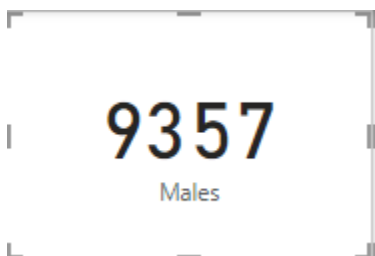
1) Total Patients:

Formula: Total Patient = COUNTROWS('Patient Details')

14765
Total Patient

2) No of Males:

Formula: Males = CALCULATE(COUNTROWS('Patient Details'), 'Patient Details'[GENDER]="Male")
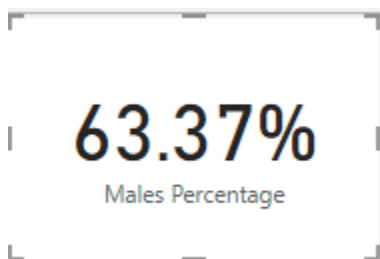
9357
Males

3)No of Females:

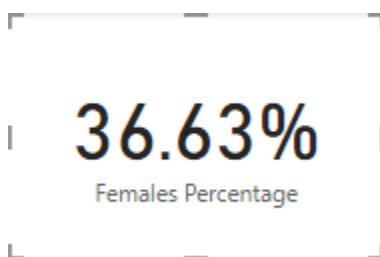Formula: Females = CALCULATE(COUNTROWS('Patient Details'), 'Patient Details'[GENDER]="Female")

5408
Females

4) Male Patients Percentage:
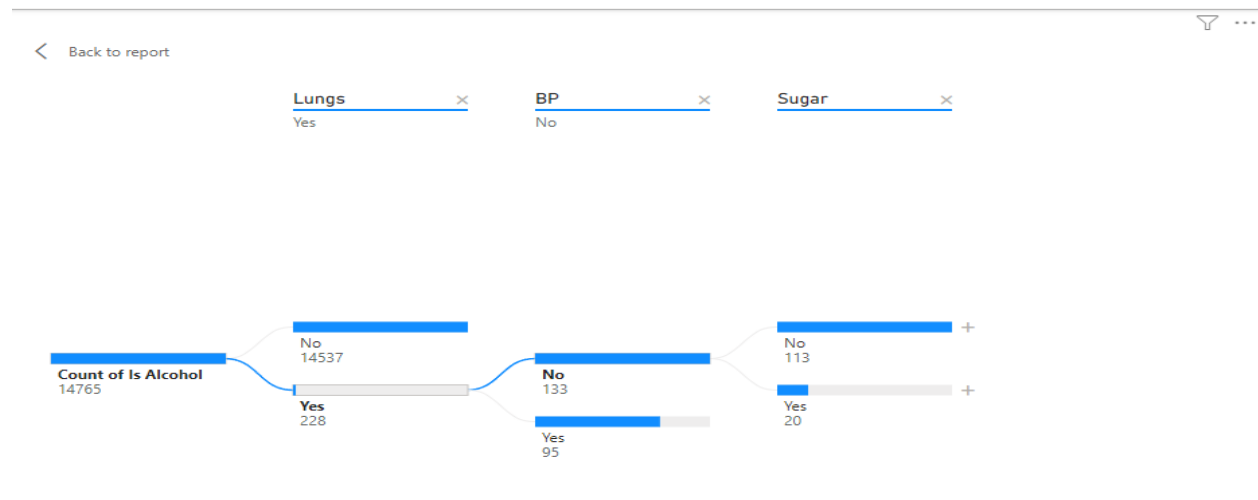
Formula: Males Percentage = DIVIDE([Males],[Total Patient])

63.37%
Males Percentage

5) Female Patients Percentage:

Formula: Females Percentage = DIVIDE([Females],[Total Patient])

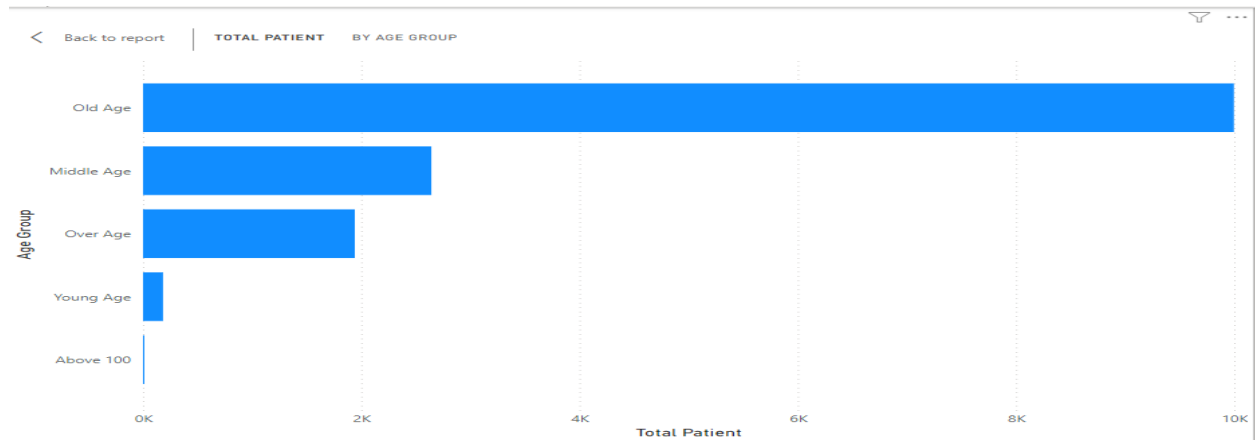**36.63%**
Females Percentage

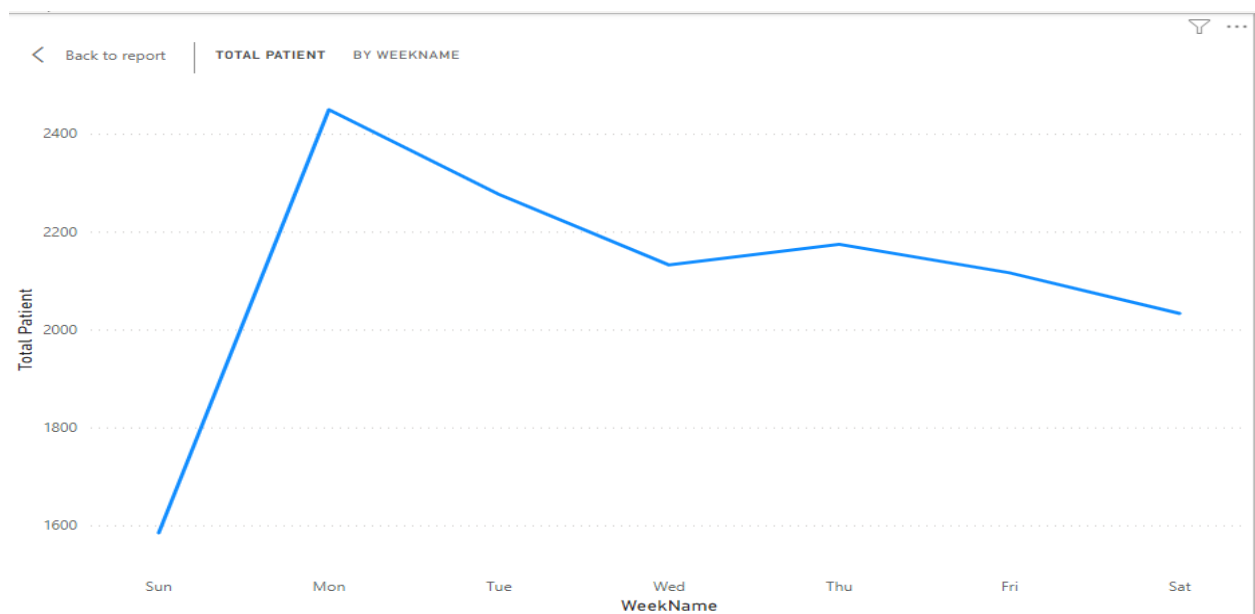## 6)Decomposition tree of patients who have DM, BP, PULMONARY EMBOLISM and consume alcohol also.

7) Decomposition tree of patients who have DM, NEURO, and consume alcohol by AGE GROUP
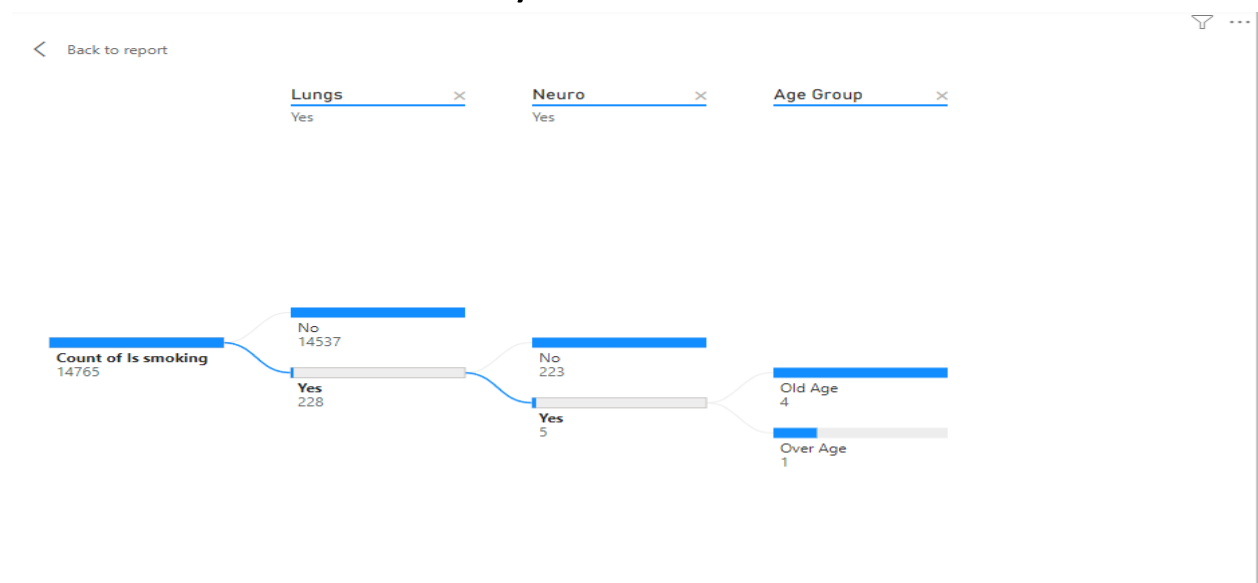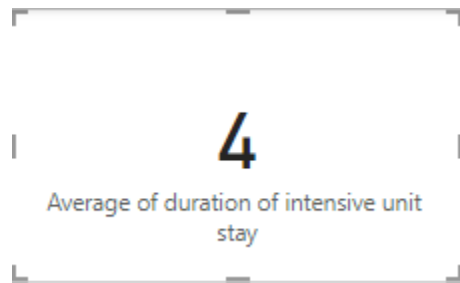
8)Bar chart on total patients by age group.

| **TOTAL PATIENT** BY AGE GROUP

Age Group / Total Patient bar chart:

- Old Age — ~10K
- Middle Age — ~2.7K
- Over Age — ~2K
- Young Age — ~0.3K
- Above 100 — ~0

X-axis: 0K, 2K, 4K, 6K, 8K, 10K — **Total Patient**

9)Line chart on total patients by every weekday.

| **TOTAL PATIENT** BY WEEKNAME

Total Patient vs WeekName line chart:

- Sun — ~1590
- Mon — ~2450
- Tue — ~2280
- Wed — ~2135
- Thu — ~2175
- Fri — ~2110
- Sat — ~2030

Y-axis: 1600, 1800, 2000, 2200, 2400 — Total Patient
X-axis: Sun, Mon, Tue, Wed, Thu, Fri, Sat — **WeekName**

10) Average of Duration of Intensive unit stay:

4

Average of duration of intensive unit stay

11) Average of Duration of Stay

48.95

Average of Duration of stay