Project Development Phase
Delivery of Sprint-3

Date	10 NOV 2022
Team ID	PNT2022TMID26358
Project Name	Analytics for Hospitals' Health-Care Data

Project Development Phase:

Sprint-1:
- ➢ Data Collection
- ➢ Data Preparation

Sprint-2:
- ➢ Data Exploration

Sprint-3:
- ➢ Dashboard Creation

Sprint-4:
- ➢ Report Creation
- ➢ Story Creation

TEAM ID : PNT2022TMID26358

Dashboard Creation

TAB-1

- ❑ **Available Extra Rooms in Hospital by Department**

- ❑ **City Code Hospital for City Code Hospital regions**

- ❑ **City Code Hospital and Ward Type with Department**

- ❑ **Department for Severity of Illness**

Analytics   Filters   Fields   Properties

Edit

TOTAL DEPARTMENT

5

Department

TOTAL PATIENTS
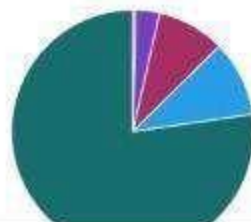
20.9B

patientid

TOTAL ADMISSION DEPOSIT BY DEPARTMENT

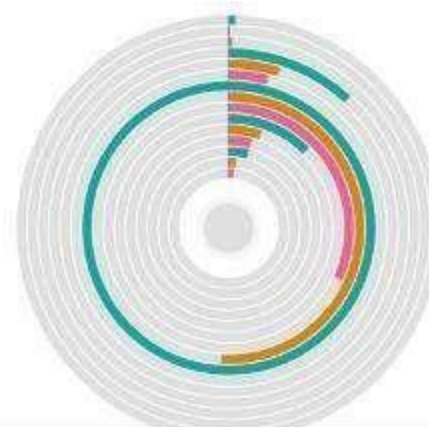**Department**

● surgery   ● TB & Chest disease   ● radiotherapy   ● anesthesia   ● gynecology

TOTAL Severity of Illness by Department

Severity of Illness
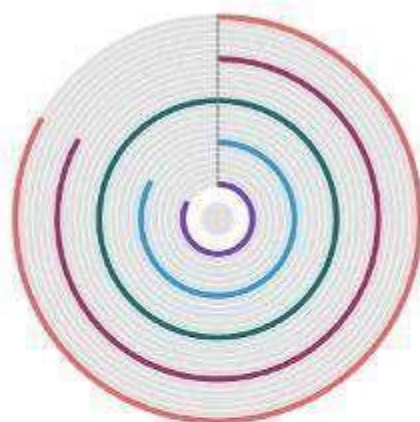
● Extreme   ● Minor   ● Moderate

TAB - 2

- ❑ **Available Extra Rooms in Hospital by Department**

- ❑ **City Code Hospital by Ward Type**

- ❑ **Ward type by Department**

- ❑ **Department for Department and Ward Types**
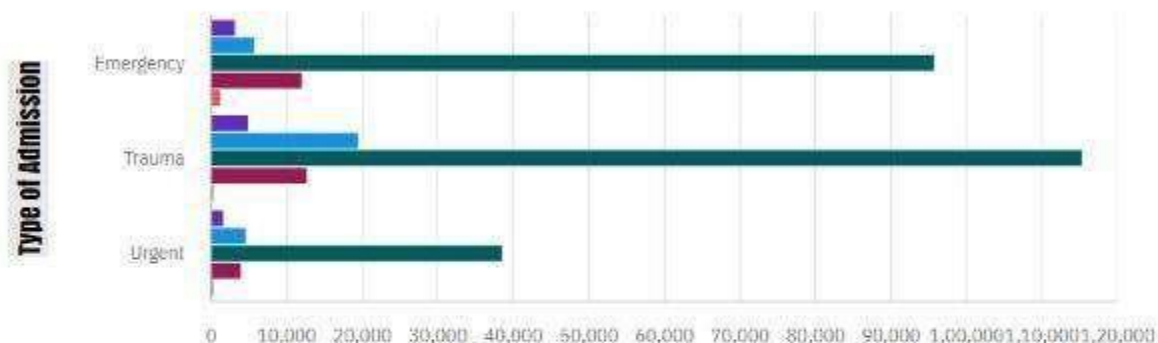
Ward Type by Department

Department
- TB & Chest disease
- anesthesia
- gynecology
- radiotherapy
- surgery
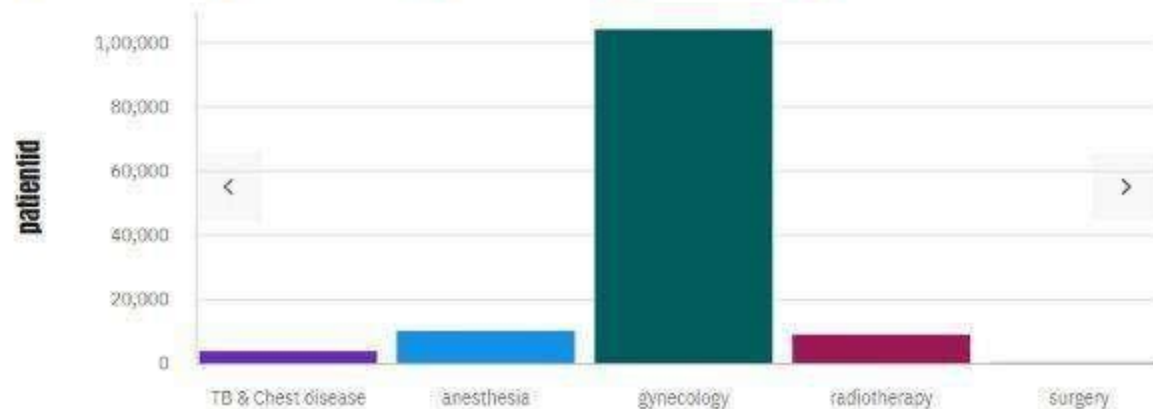
TYPE OF ADMISSION BY DEPARTMENT

Department
- TB & Chest disease
- anesthesia
- gynecology
- radiotherapy
- surgery

Type of Admission: Emergency, Trauma, Urgent

0   10,000   20,000   30,000   40,000   50,000   60,000   70,000   80,000   90,000   1,00,000   1,10,000   1,20,000

patientid by Department

Department
- TB & Chest disease
- anesthesia
- gynecology
- radiotherapy
- surgery

patientid: 1,00,000 / 80,000 / 60,000 / 40,000 / 20,000 / 0

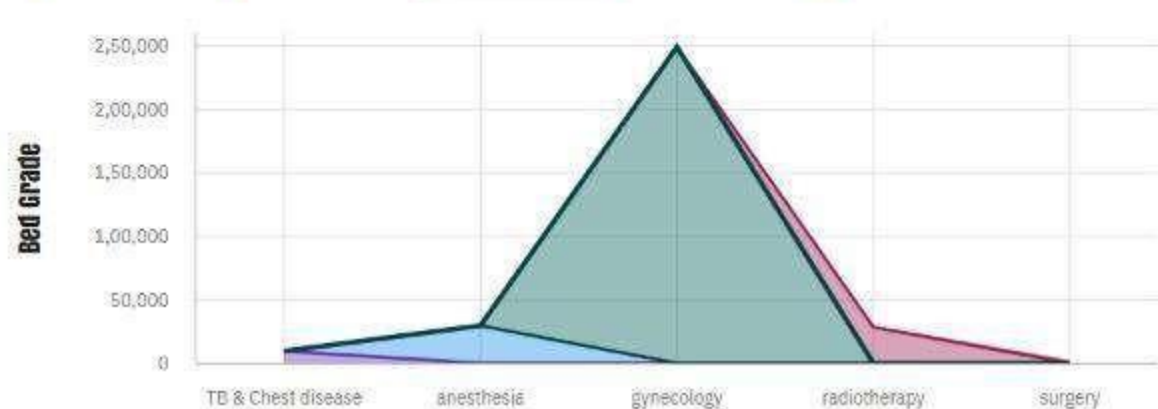TB & Chest disease   anesthesia   gynecology   radiotherapy   surgery

Available Extra Rooms in Hospital

BED GRADE by Department

Department
- TB & Chest disease
- anesthesia
- gynecology
- radiotherapy
- surgery

Bed Grade: 2,50,000 / 2,00,000 / 1,50,000 / 1,00,000 / 50,000 / 0

TB & Chest disease   anesthesia   gynecology   radiotherapy   surgery
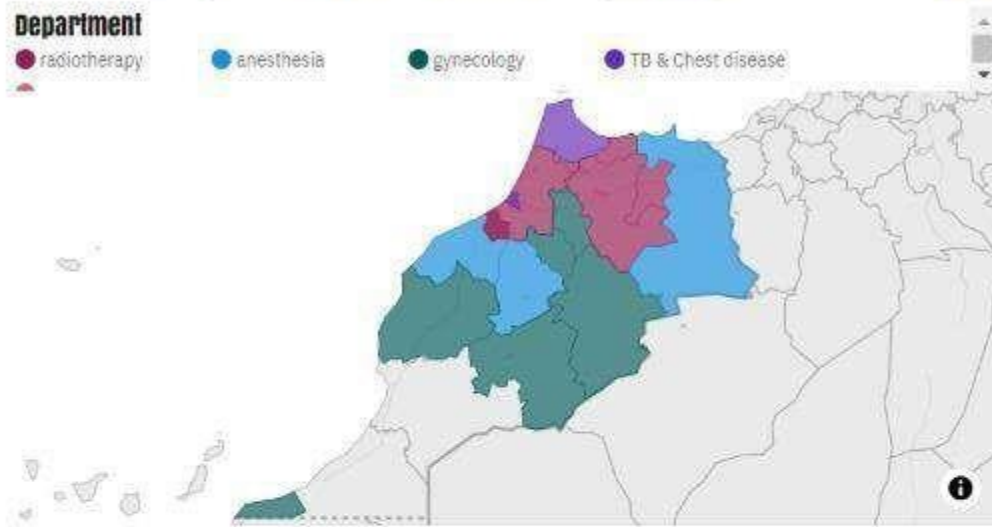
TAB - 3

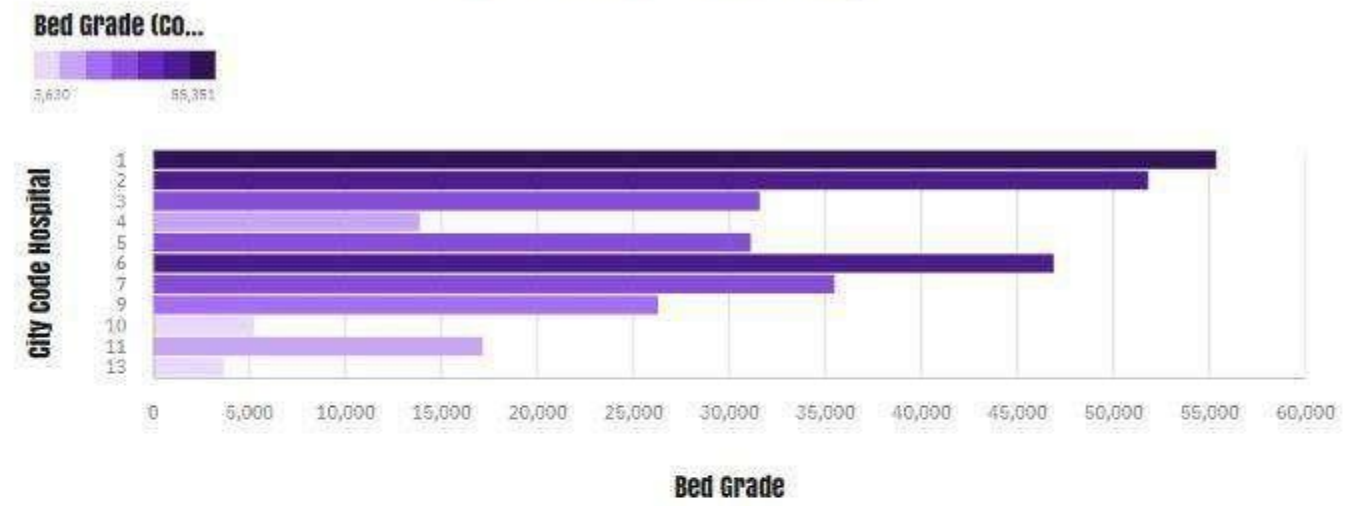- ❑ **Ward Type by City Code Hospital**

- ❑ **Admission Deposit**

- ❑ **City Code Hospital by Department**
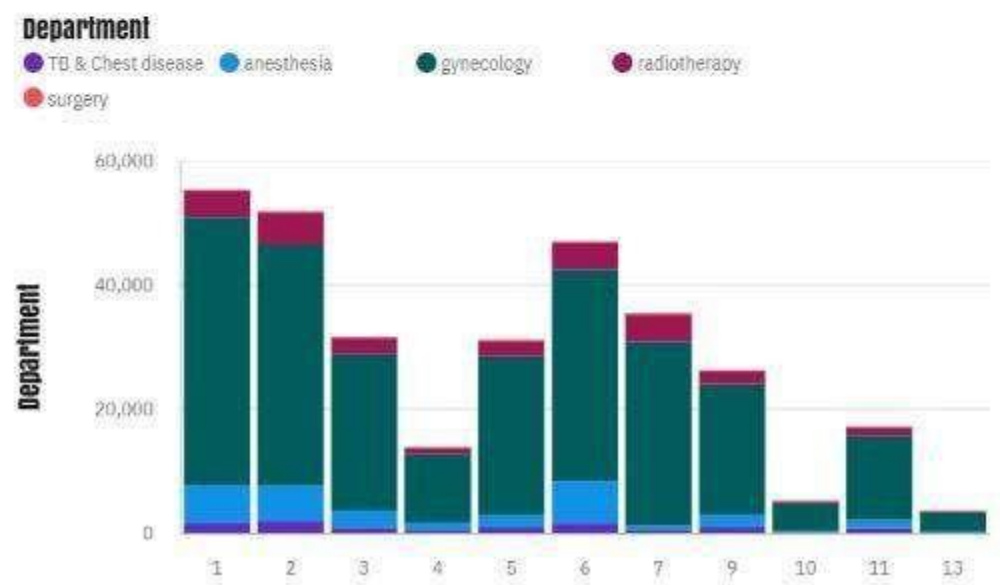
- ❑ **Bed Grade by Department**

Analytics   Filters   Fields   Properties

Edit

Department for City Code Hospital regions

Department
- radiotherapy
- anesthesia
- gynecology
- TB & Chest disease

Bed Grade by City Code Hospital

Bed Grade (Co...

5,630   86,361

City Code Hospital: 1, 2, 3, 4, 5, 6, 7, 9, 10, 11, 13

Axis: 0   5,000   10,000   15,000   20,000   25,000   30,000   35,000   40,000   45,000   50,000   55,000   60,000

Bed Grade

Department by City Code Hospital

Department
- TB & Chest disease
- anesthesia
- gynecology
- radiotherapy
- surgery

60,000

40,000

Department

20,000

0

1   2   3   4   5   6   7   9   10   11   13

Department for Admission Deposit regions

Department
- anesthesia
- radiotherapy
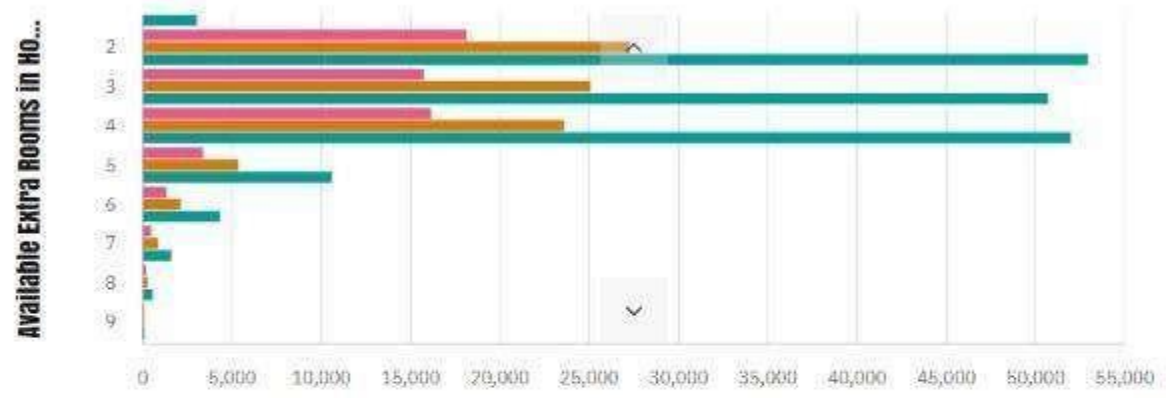- gynecology
- TB & Chest disease
- surgery
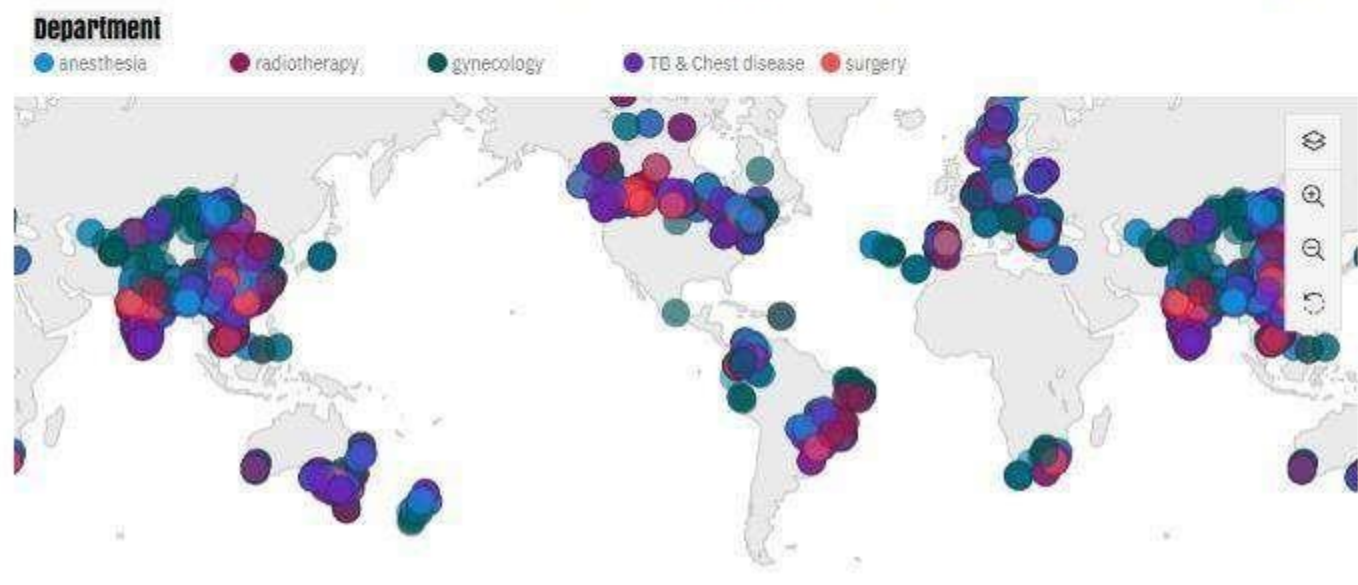
TAB - 4

- ❑ **Stay colored by Department sized by Severity of Illness**

- ❑ **Available Extra Rooms in Hospital by Bed Grade with points for Severity of Illness**

- ❑ **Hospital region code and Bed Grade for Admission Deposit**

- ❑ **Department by Hospital region code**

OVERVIEW   DEPARTMENT ANALYSIS   LOCATION WISE ANALYSIS   SEVERITY OF ILLNESS   ADMISSION DEPOSIT ANALYSIS   +

Severity of Illness by Available Rooms in Hospital

Severity of Illness

🔴 Extreme   🟠 Minor   🟢 Moderate

Available Extra Rooms in Ho...

Severity of illness
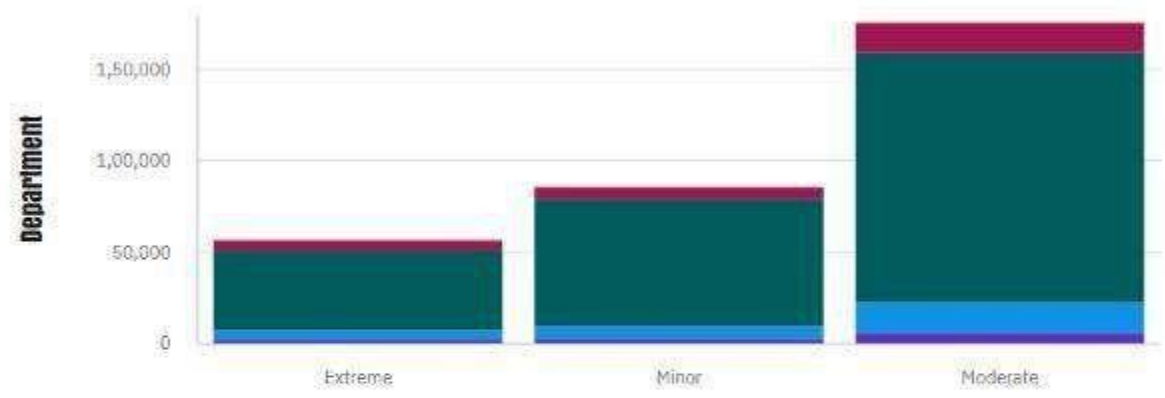
Department by Severity of Illness

Department

🟣 TB & Chest disease   🔵 anesthesia   🟢 gynecology   🔴 radiotherapy   🔴 surgery

Severity of illness

Severity of illness by Department

Department (C...

93   1,36,502

Department

🟣 TB & Chest disease   🔵 anesthesia   🟢 gynecology   🔴 radiotherapy
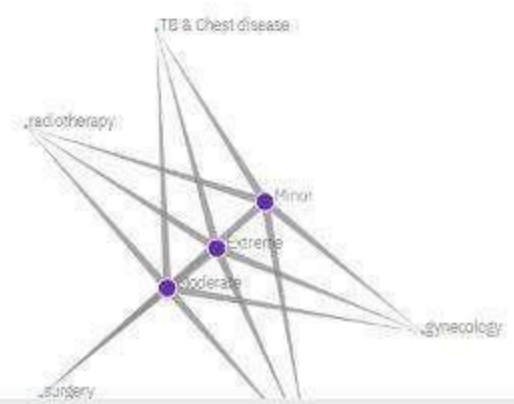🔴 surgery

SEVERITY OF ILLNESS TO DEPARTMENT

From

🟣 Severity of Illness

To

🔵 Department

TAB - 5

- ❑ **Bed Grade by Hospital region code**

- ❑ **Admission Deposit compared to Type of Admission**

- ❑ **Department colored by Department sized by Available Extra Rooms in Hospital**

- ❑ **Hospital type code to City Code Hospital**

Edit

Analytics   Filters   Fields   Properties

TOTAL Admission Deposit

1.55B

Admission_Deposit

Admission Deposit compared to Type of Admission

| Admission_Deposit: | 1.55B |

1.55B ↑
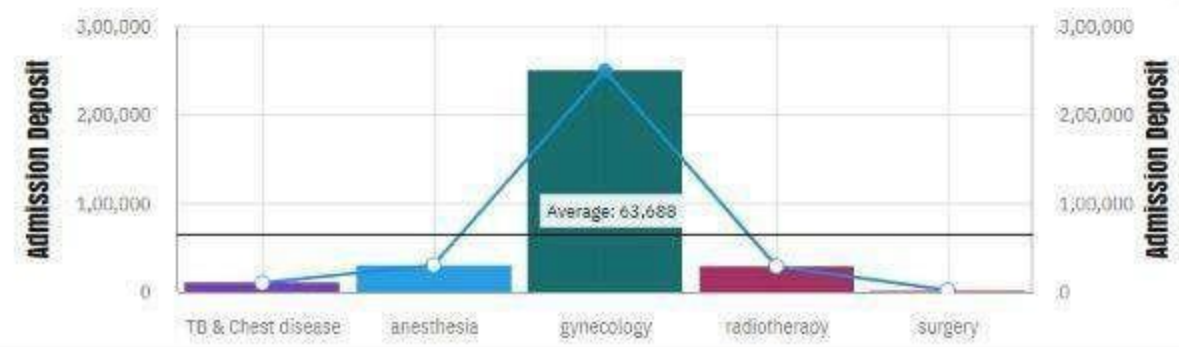
Admission_Deposit

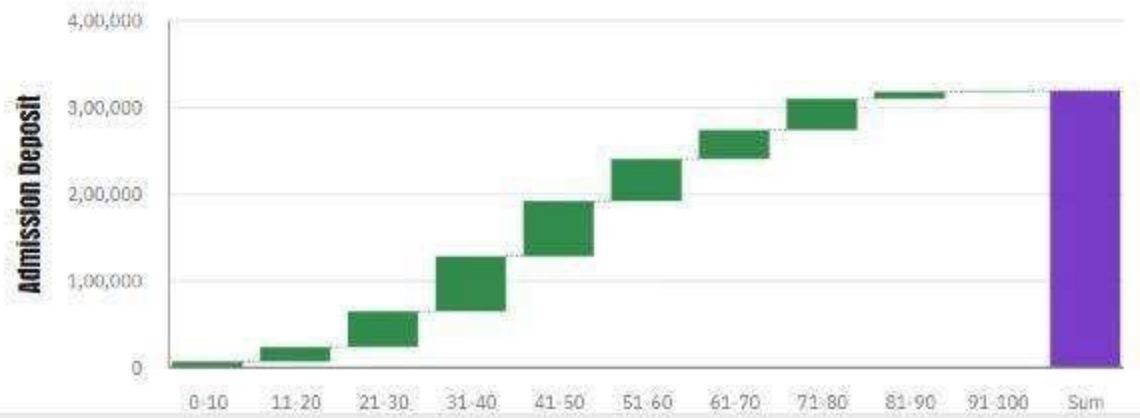3 (+51,807,202,400%)

Type of Admission

Admission Deposit for Department

Department
● TB & Chest disease   ● anesthesia   ● gynecology   ● radiotherapy   ● surgery

Line
● Admission Deposit

Average: 63,688

Admission Deposit (y-axis): 3,00,000 / 2,00,000 / 1,00,000 / 0

X-axis: TB & Chest disease, anesthesia, gynecology, radiotherapy, surgery

Admission Deposit for Age

Column values
● Increase   ● Decrease   ● Sum

Admission Deposit (y-axis): 4,00,000 / 3,00,000 / 2,00,000 / 1,00,000 / 0

X-axis: 0-10 11-20 21-30 31-40 41-50 51-60 61-70 71-80 81-90 91-100 Sum

Prepared data link :

https://us3.ca.analytics.ibm.com/bi/?perspective=dashboard&pathRef=.my_folders%2Fdata_dashboard%2Fhealth_care_data_dashboard&action=view&mode=dashboard&subView=model000001845a9b5bbb_00000000