

# Project Development Phase

## Delivery of Sprint-3

Date	9 NOV 2022
Team ID	PNT2022TMID39750
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

# ANALYTICS FOR HOSPITAL'S HEALTH – CARE DATA

## PROJECT CONTRIBUTORS

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TEAM ID : PNT2022TMID39750

# 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

TOTAL DEPARTMENT

5

Department

TOTAL PATIENTS

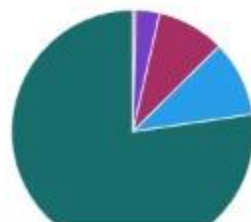
20.9B

patientid

TOTAL ADMISSION DEPOSIT BY DEPARTMENT

Department

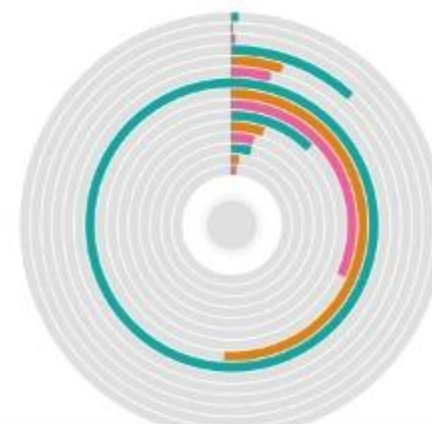
surgery TB & Chest disease radiotherapy anesthesia gynecology



TOTAL Severity of illness by Department

Severity of Illness

Extreme Minor Moderate

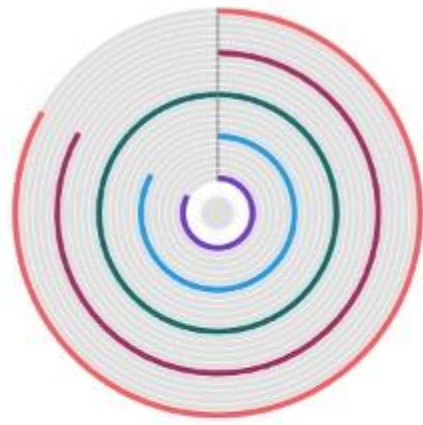


## **TAB - 2**

- ☐ **Available Extra Rooms in Hospital by Department**
- ☐ **City Code Hospital by Ward Type**
- ☐ **Ward type by Department**
- ☐ **Department for Department and Ward Types**

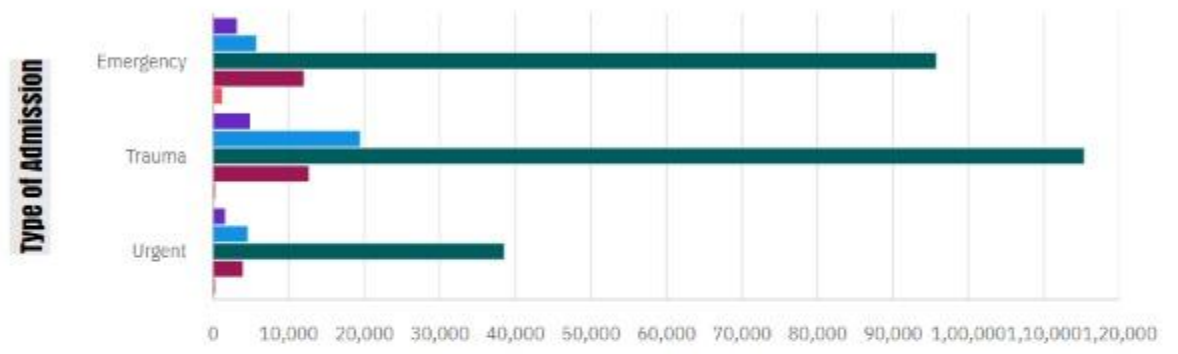
Ward Type by Department

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



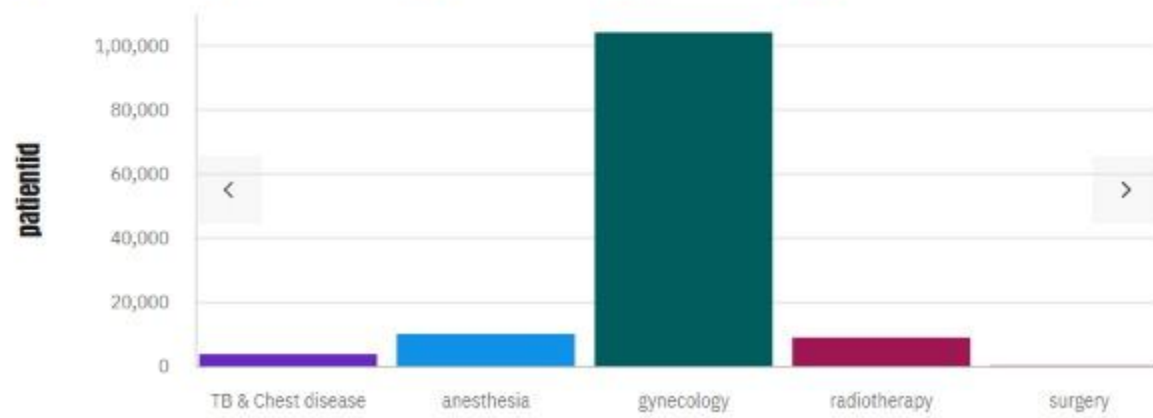
TYPE OF ADMISSION BY DEPARTMENT

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



patientid by Department

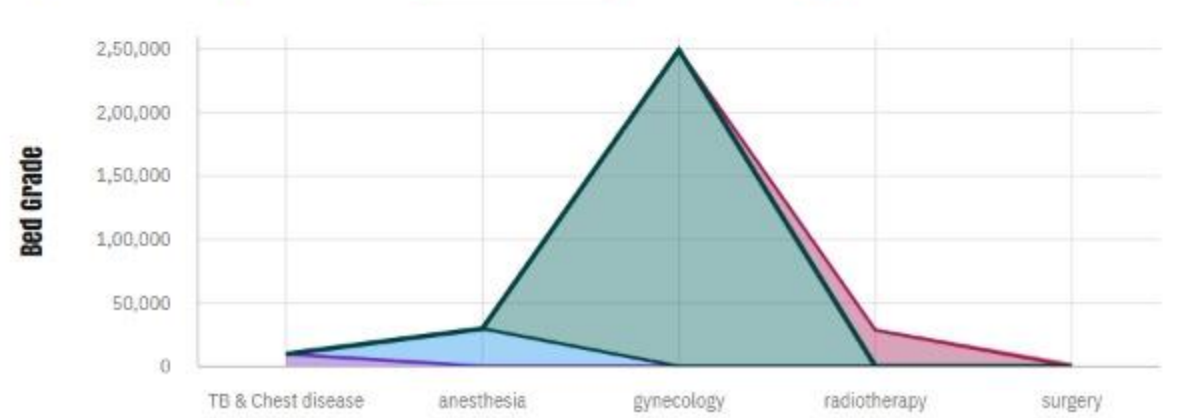
Department  
● TB & Chest disease ● anesthesia ● gynecology ● radiotherapy ● surgery



Available Extra Rooms in Hospital

BED GRADE by Department

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



## **TAB - 3**

☐ **Ward Type by City Code Hospital**

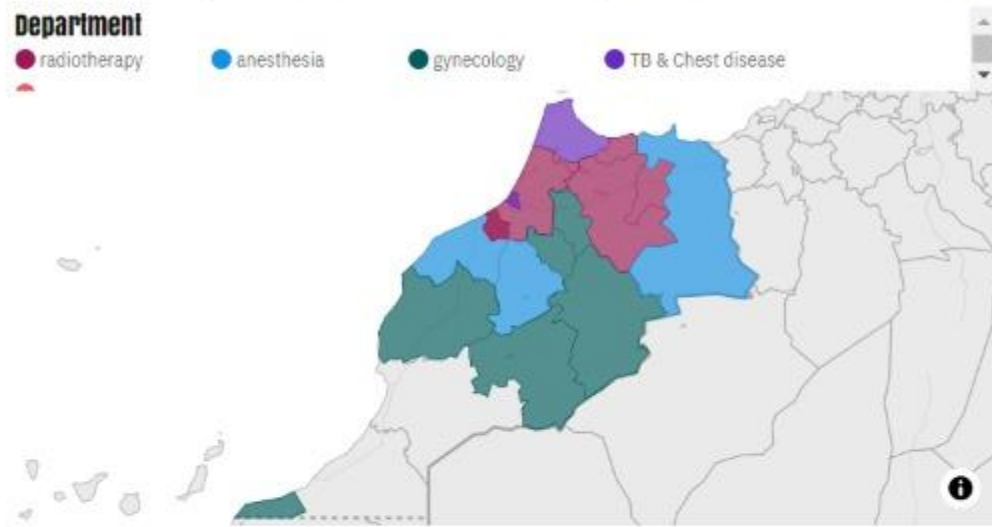
☐ **Admission Deposit**

☐ **City Code Hospital by Department**

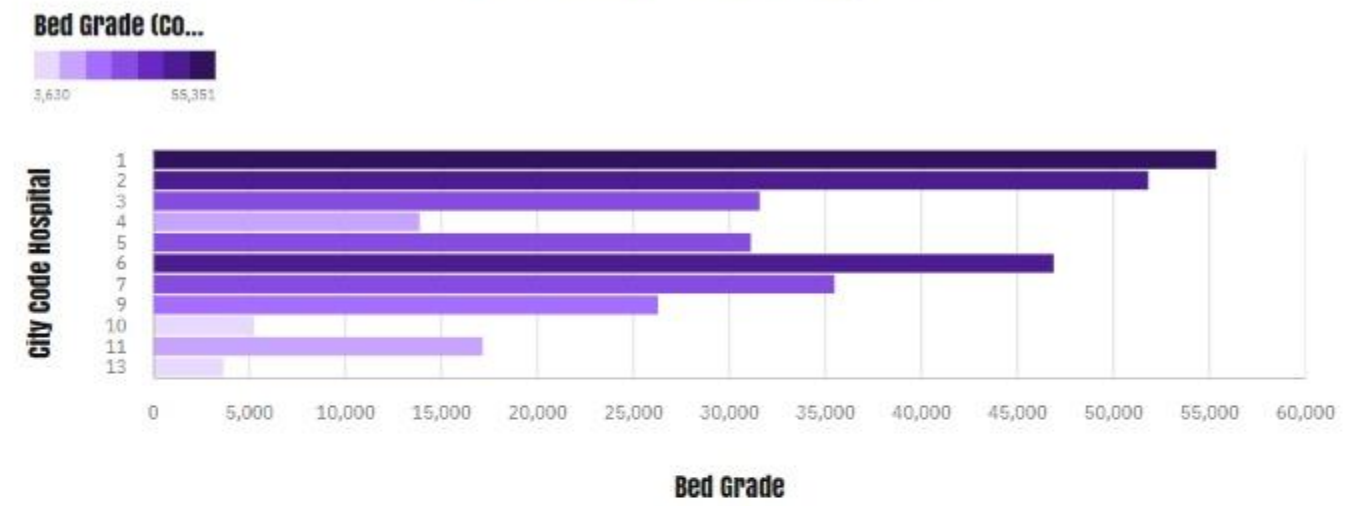
☐ **Bed Grade by Department**



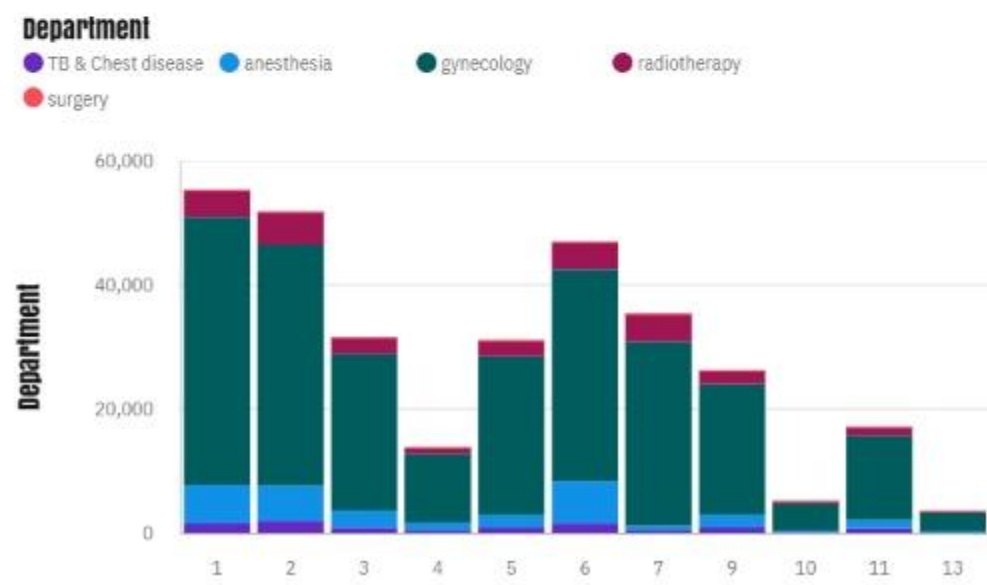
### Department for city code Hospital regions



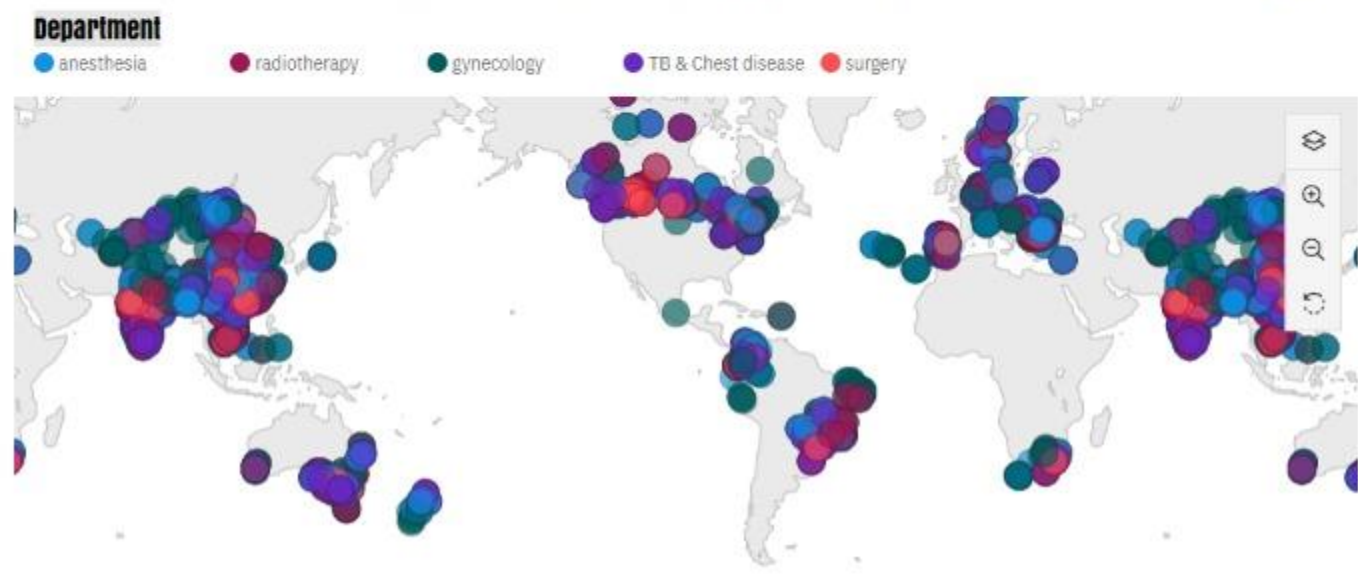
### Bed Grade by city code Hospital



### Department by city code Hospital



### Department for Admission Deposit regions





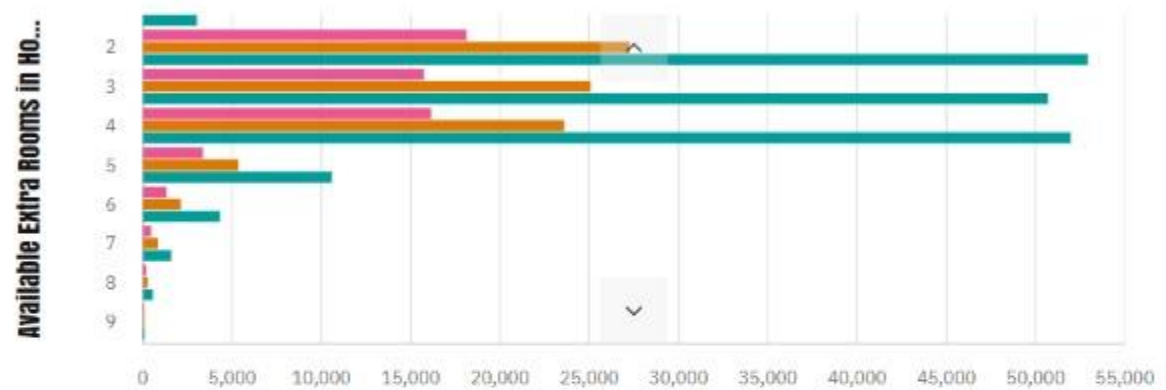
## **TAB - 4**

- ☐ **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**

### Severity of illness by Available Rooms in Hospital

Severity of illness

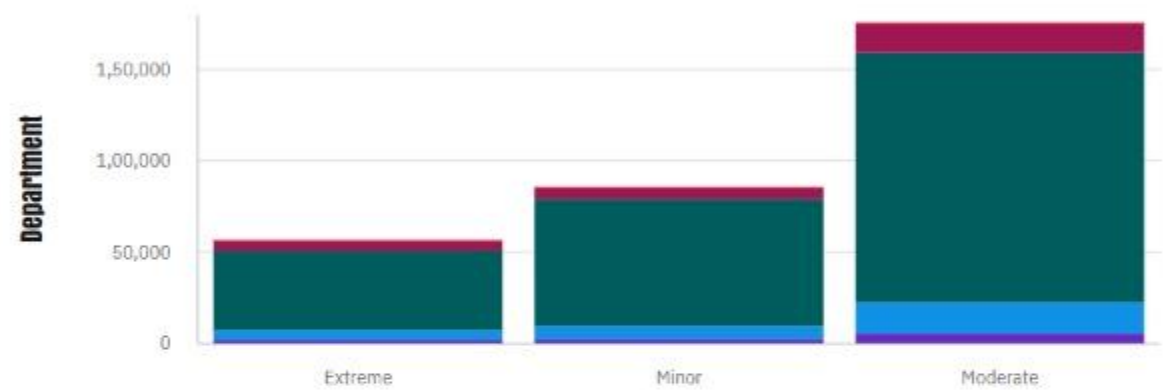
Extreme Minor Moderate



### Department by severity of illness

Department

TB & Chest disease anesthesia gynecology radiotherapy surgery



### Severity of illness by department

Department (C...

Department

98 1,36,602 TB & Chest disease anesthesia gynecology radiotherapy surgery

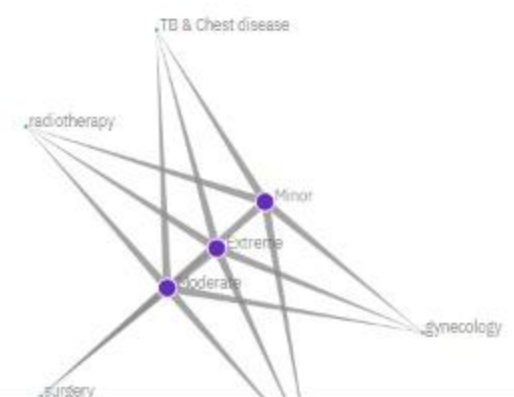


### SEVERITY OF ILLNESS TO DEPARTMENT

From

To

Severity of Illness 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**

### TOTAL Admission Deposit

1.55B

Admission\_Deposit

### Admission Deposit compared to Type of Admission

1.55B

Admission\_Deposit: 1.55B

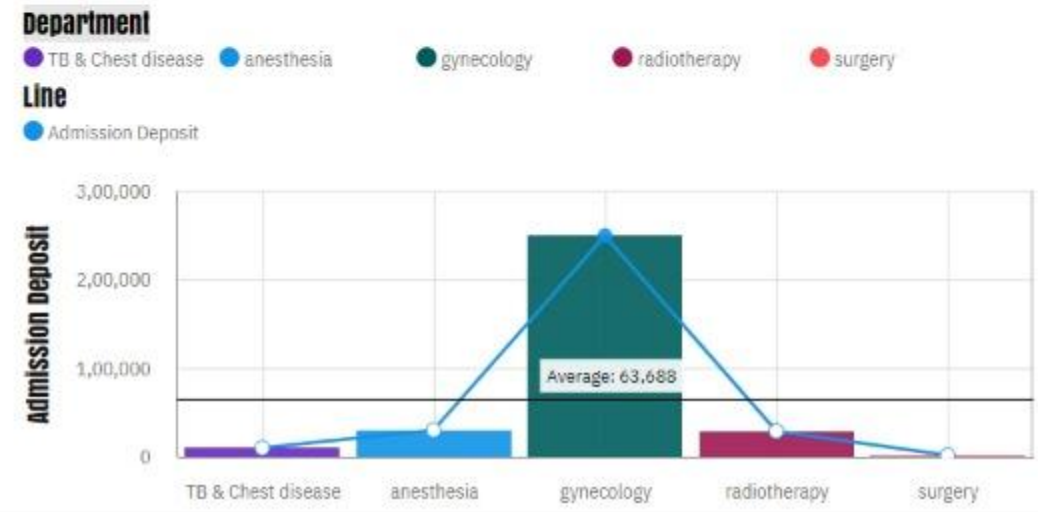


Admission\_Deposit

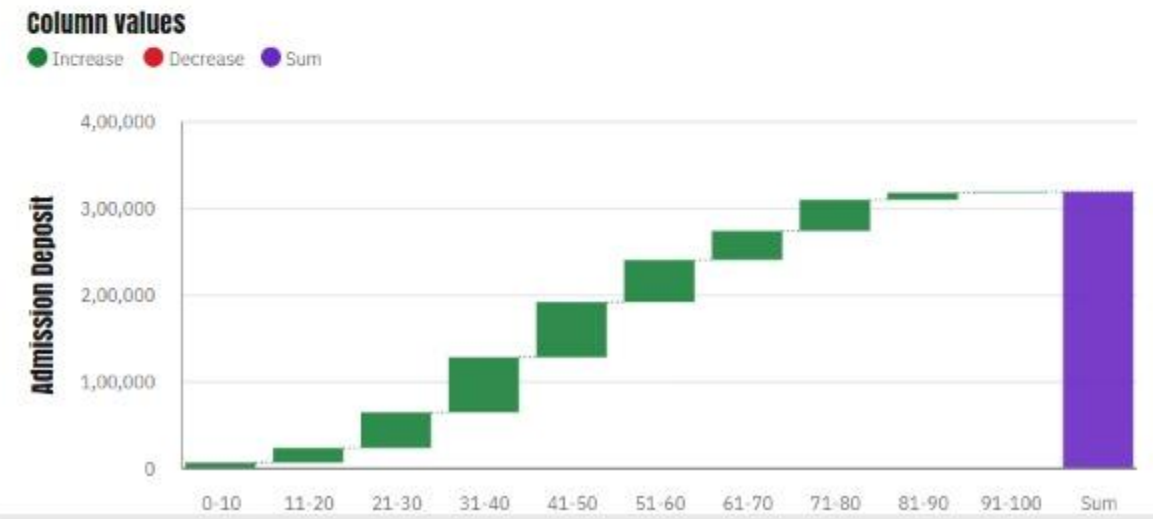
3 (+51,807,202,400%)

Type of Admission

### Admission Deposit for Department



### Admission Deposit for Age



# 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\\_0000000](https://us3.ca.analytics.ibm.com/bi/?perspective=dashboard&pathRef=.my_folders%2Fdata_dashboard%2Fhealth_care_data_dashboard&action=view&mode=dashboard&subView=model000001845a9b5bbb_0000000)

