

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

**B SHRIPRASANNA
N PRAVEEN
K KIRAN KUMAR
S RAM SANJAY**



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

HOSPITAL HEALTHCARE ANALYTICS TOOL

TOTAL DEPARTMENT

5

Department

TOTAL PATIENTS

20.9B

patientid

TOTAL AVAILABLE ROOMS

1.02M

Available Extra Rooms in Hospital

Admission Deposit

1.55B

Admission_Deposit

Bed Grade

836K

Bed Grade

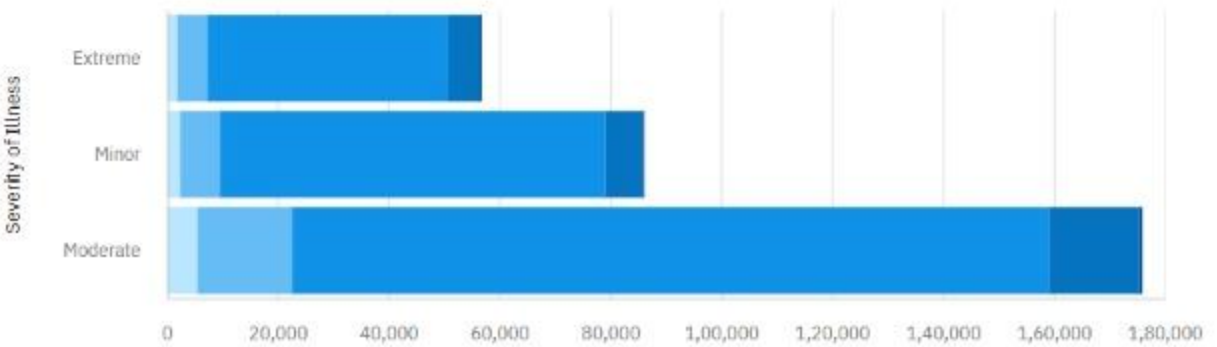
visitors with Patient

1.05M

Visitors with Patient

Department by Severity of illness

Department
TB & Chest disease anesthesia gynecology radiotherapy surgery



TOTAL Severity of illness by Department

severity of illness
Extreme Minor Moderate

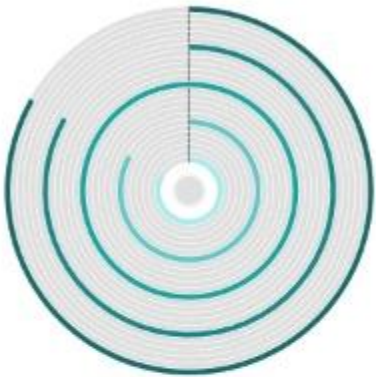


TAB - 2

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

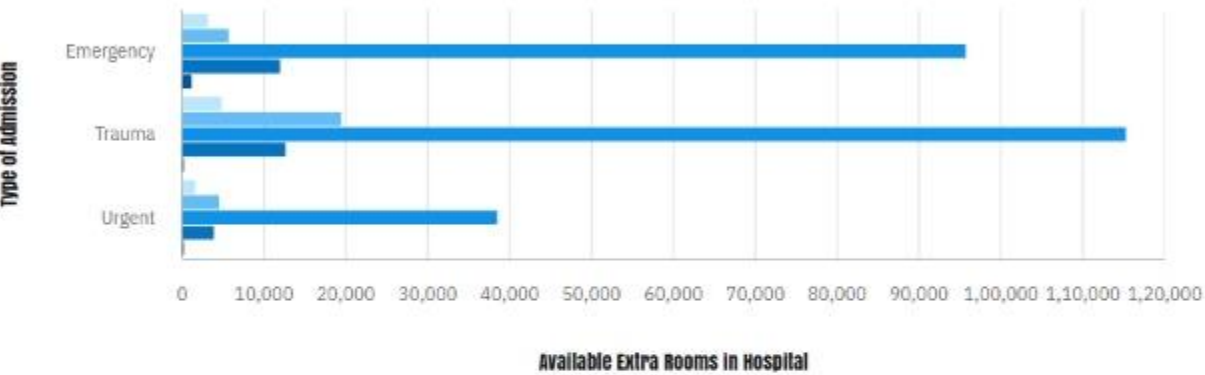
Ward Type by Department

Department
TB & Chest disease anesthesia gynecology radiotherapy surgery



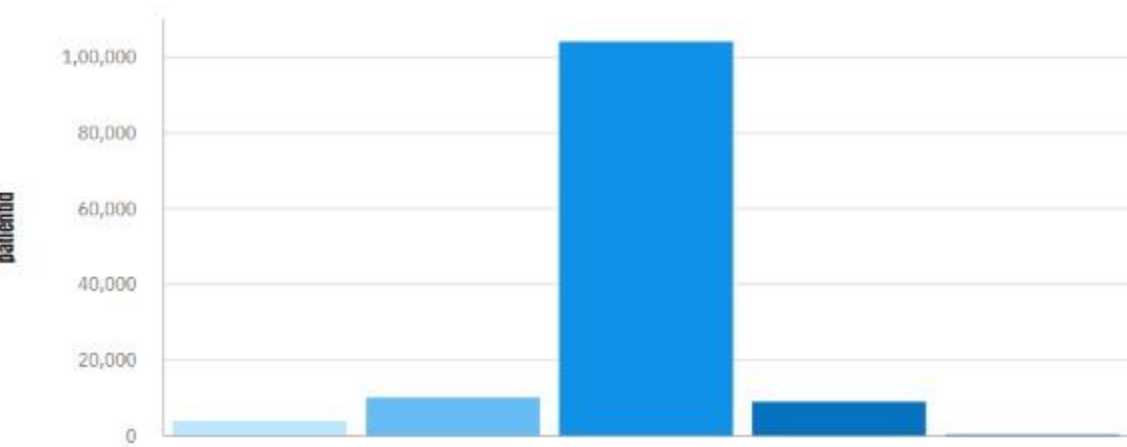
TYPE OF ADMISSION BY DEPARTMENT

Department
TB & Chest disease anesthesia gynecology radiotherapy surgery



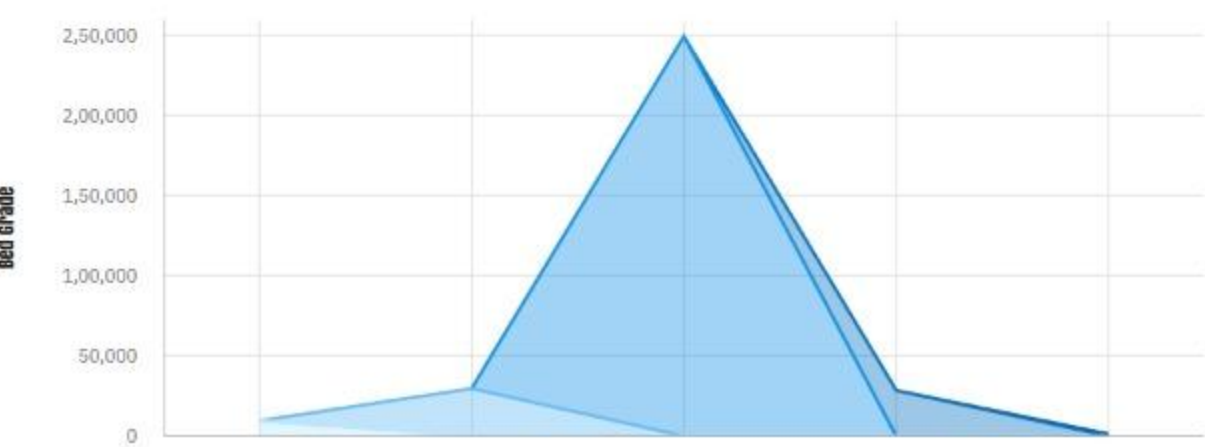
patientid by Department

Department
TB & Chest disease anesthesia gynecology radiotherapy surgery



BED GRADE by Department

Department
TB & Chest disease anesthesia gynecology radiotherapy surgery



TAB - 3

☐ **Ward Type by City Code Hospital**

☐ **Admission Deposit**

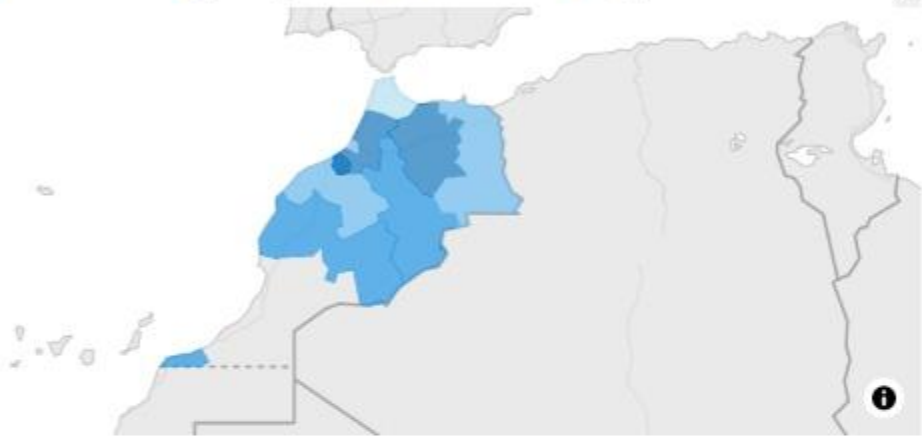
☐ **City Code Hospital by Department**

☐ **Bed Grade by Department**

Department for city code Hospital regions

Department

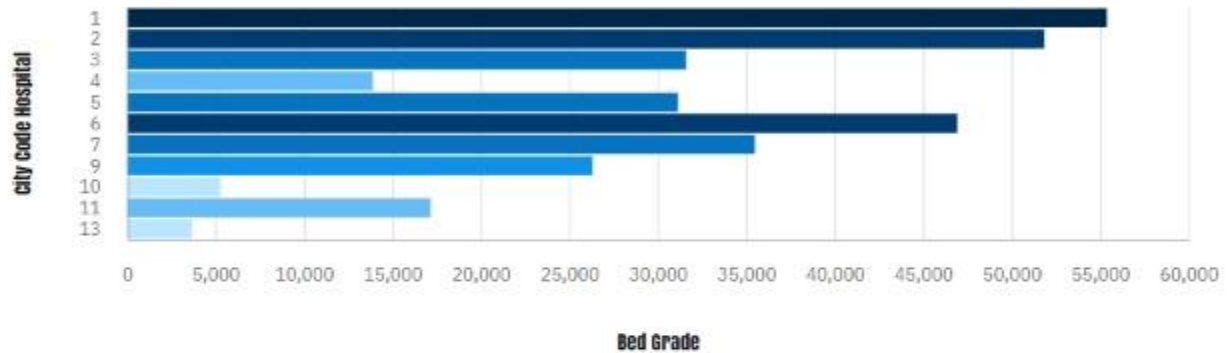
radiotherapy anesthesia gynecology TB & Chest disease surgery



Bed Grade by city code Hospital

Bed Grade (Co...

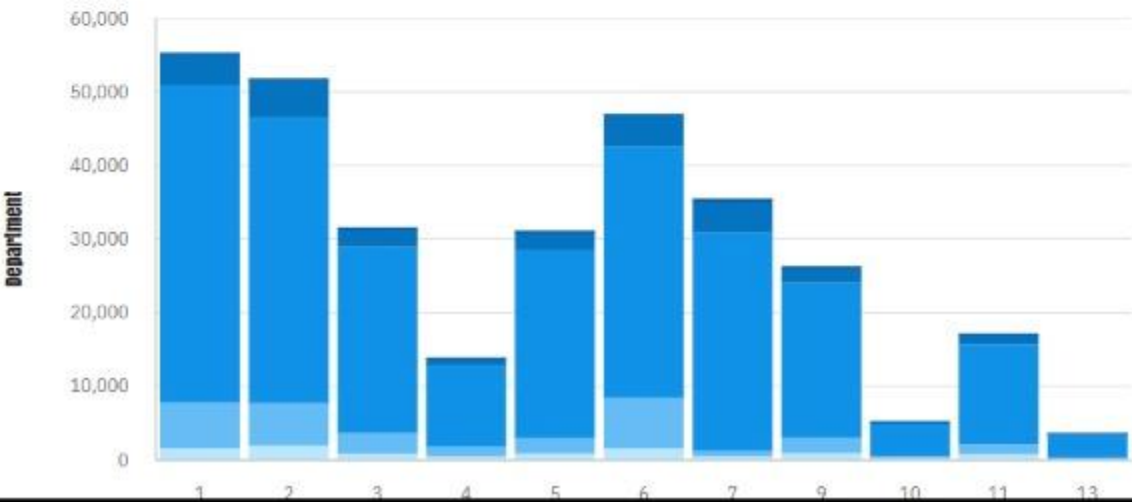
3,630 55,351



Department by city code Hospital

Department

TB & Chest disease anesthesia gynecology radiotherapy surgery



Department for Admission Deposit regions

Department

anesthesia radiotherapy gynecology TB & Chest disease surgery



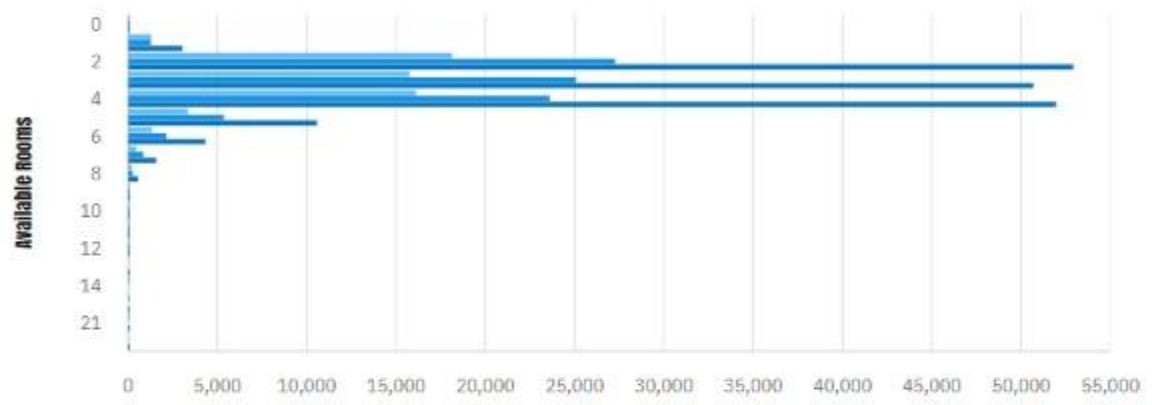
TAB - 4

- ☐ **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**

Severity of illness by Available Rooms in Hospital

Severity of illness

Extreme Minor Moderate

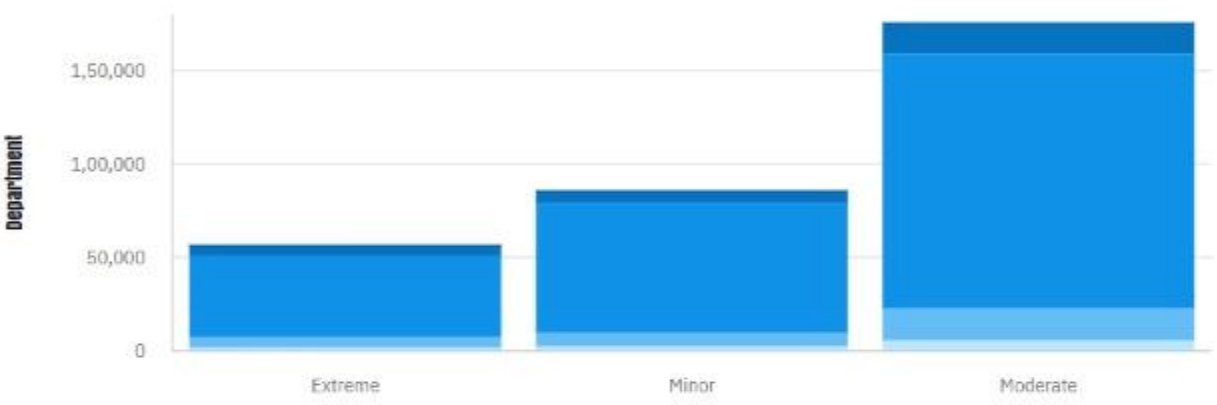


Severity of illness

Department by Severity of illness

Department

TB & Chest disease anesthesia gynecology radiotherapy surgery



Severity of illness

Severity of illness by Department

Department (Count)

98 1,36,502

Department

TB & Chest disease anesthesia gynecology radiotherapy surgery



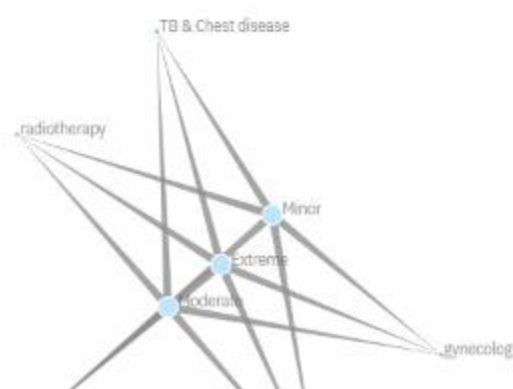
SEVERITY OF ILLNESS TO DEPARTMENT

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

OVERVIEW

DEPARTMENT ANALYSIS

LOCATION WISE ANALYSIS

SEVERITY OF ILLNESS

ADMISSION DEPOSIT ANALYSIS

TOTAL Admission Deposit by Department



Department

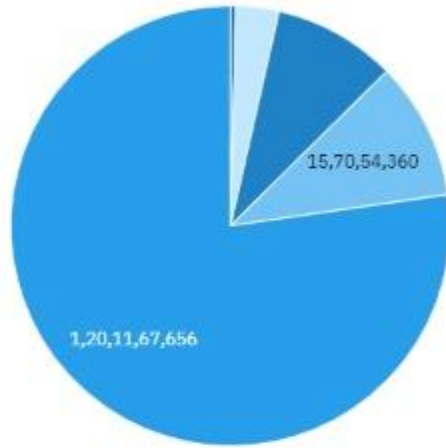
surgery

TB & Chest disease

radiotherapy

anesthesia

gynecology



Admission Deposit compared to Type of Admission

1.55B ↑

Admission_Deposit

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

Type of Admission

Admission Deposit for Department



Department

TB & Chest disease

anesthesia

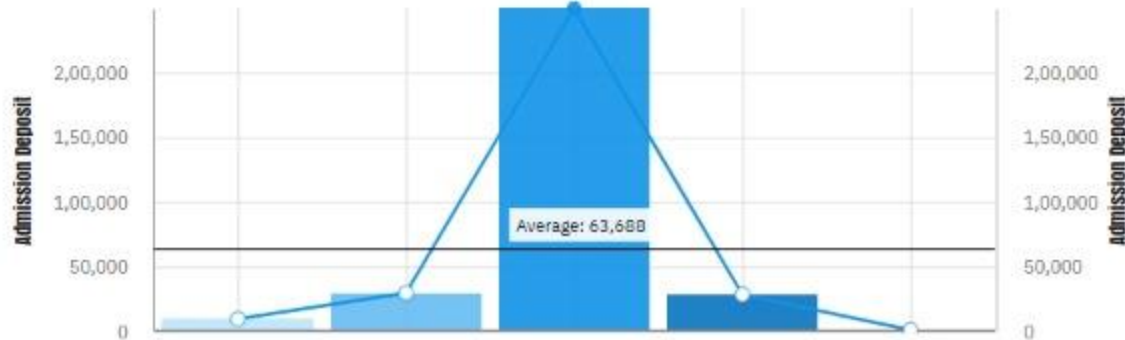
gynecology

radiotherapy

surgery

Line

Admission Deposit



Admission Deposit for Age

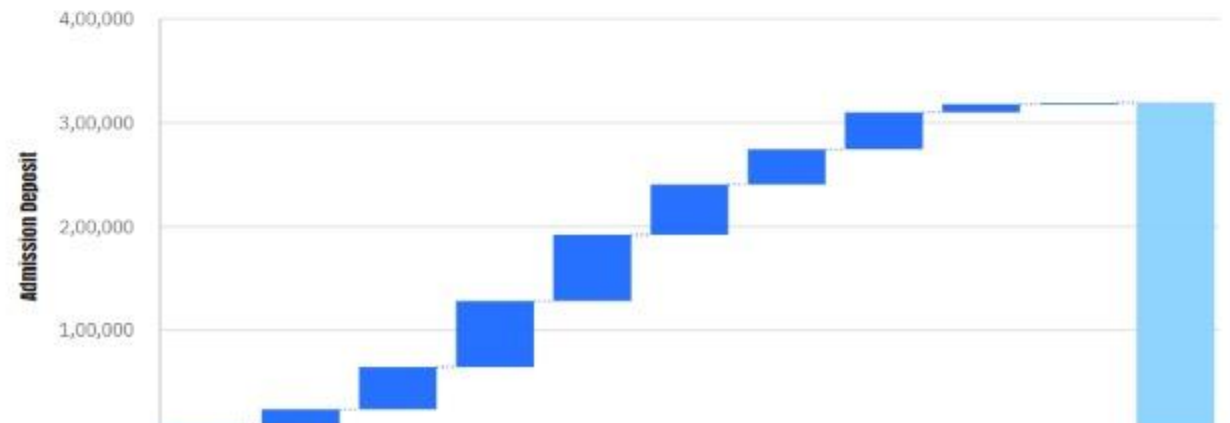


Column values

Increase

Decrease

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=model000001845a9aab11_0000000

