Project Development Phase
Delivery of Sprint-3

Date	14 NOVEMBER 2022
Team ID	PNT2022MID15567
Project Name	Analytics for Hospitals' Health-Care Data

Project Development Phase:

Sprint-3:

➢ Dashboard Creation

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**

Edit   🖫 ⌄   ⤴   ↺ ↻   ⤢   🔍

TOTAL DEPARTMENT

5

Department

TOTAL PATIENTS
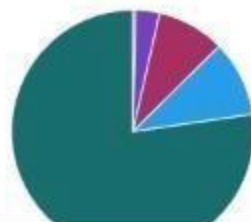
20.9B

patientid

TOTAL ADMISSION DEPOSIT BY DEPARTMENT
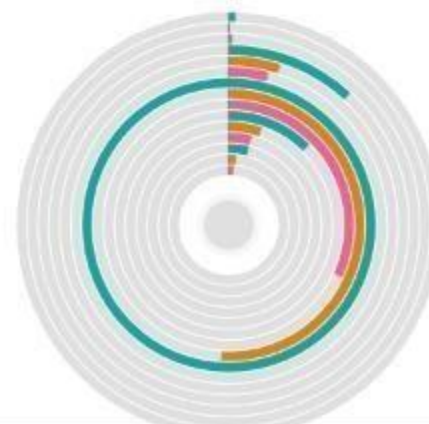
Department

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

TOTAL Severity of Illness by Department

Severity of Illness
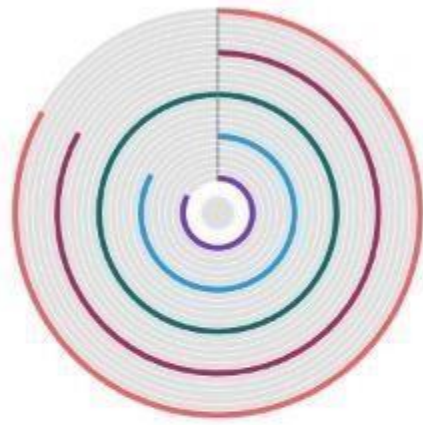
● Extreme   ● Minor   ● Moderate

TAB - 2

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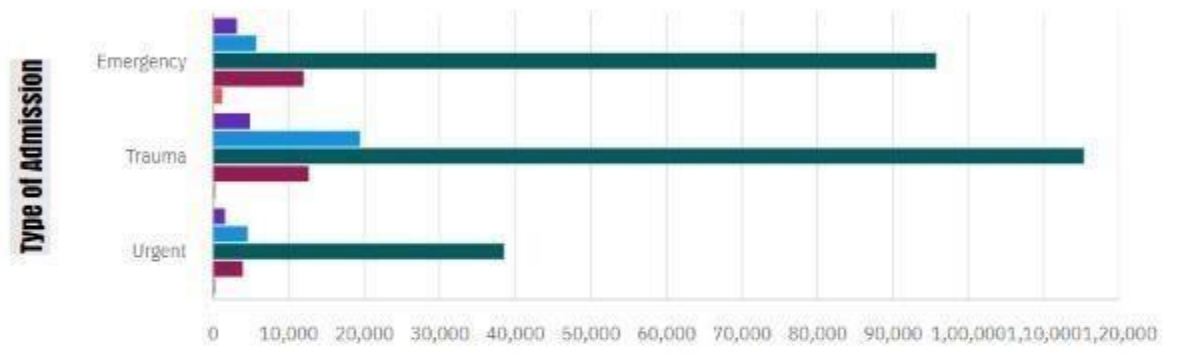- **Department for Department and Ward Types**

Edit 💾

Ward Type by Department

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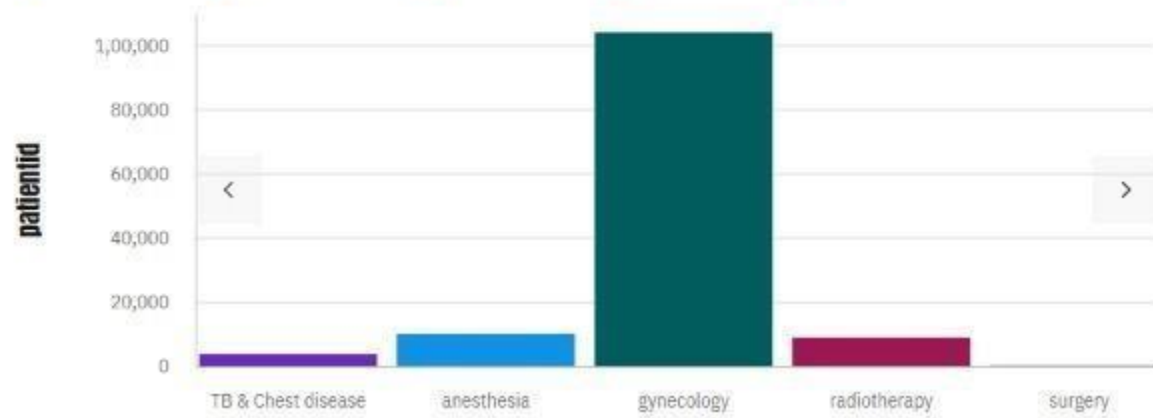- 🟣 TB & Chest disease 🔵 anesthesia 🟢 gynecology 🔴 radiotherapy 🔴 surgery

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

Available Extra Rooms in Hospital

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

BED GRADE by Department

Department
- 🟣 TB & Chest disease 🔵 anesthesia 🟢 gynecology 🔴 radiotherapy 🔴 surgery
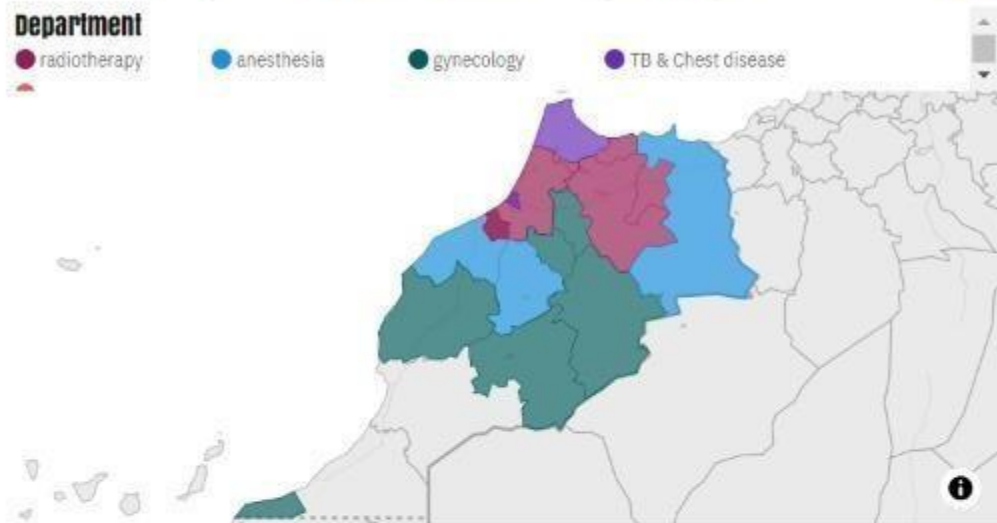
Bed Grade:
2,50,000
2,00,000
1,50,000
1,00,000
50,000
0

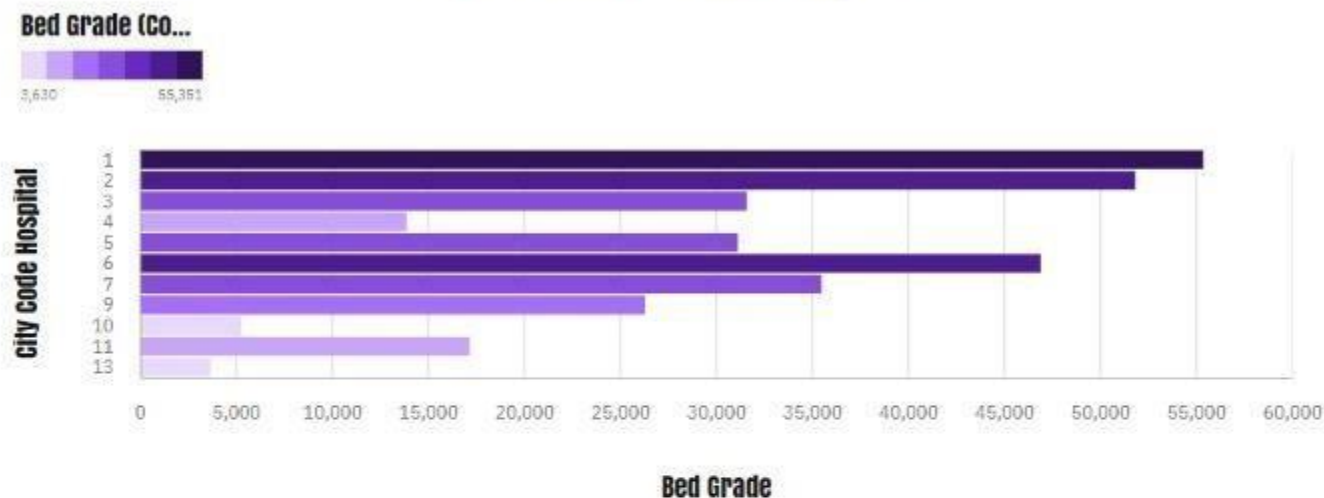TB & Chest disease   anesthesia   gynecology   radiotherapy   surgery
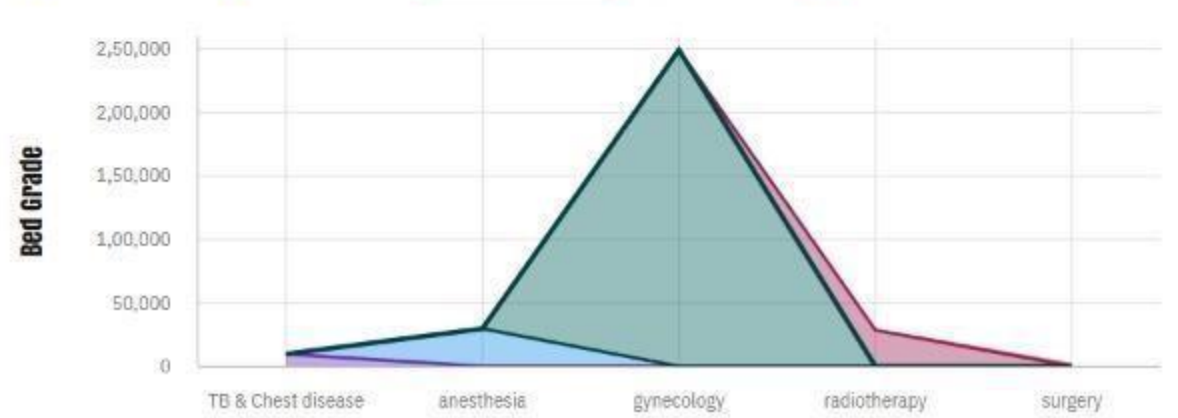
TAB- 3

- **Ward Type by City Code Hospital**
- **Admission Deposit**
- **City Code Hospital by Department**
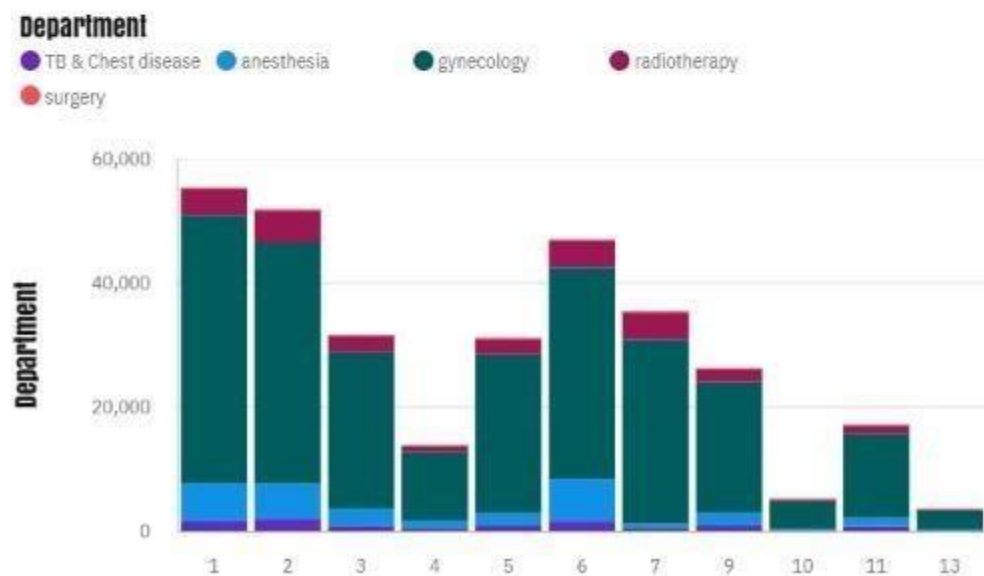- **Bed Grade by Department**

Department for City Code Hospital regions

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

Bed Grade by City Code Hospital

Bed Grade (Co...

3,630   55,351

City Code Hospital (y-axis): 1, 2, 3, 4, 5, 6, 7, 9, 10, 11, 13

Bed Grade (x-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

y-axis: 0, 20,000, 40,000, 60,000

x-axis: 1, 2, 3, 4, 5, 6, 7, 9, 10, 11, 13

Department for Admission Deposit regions

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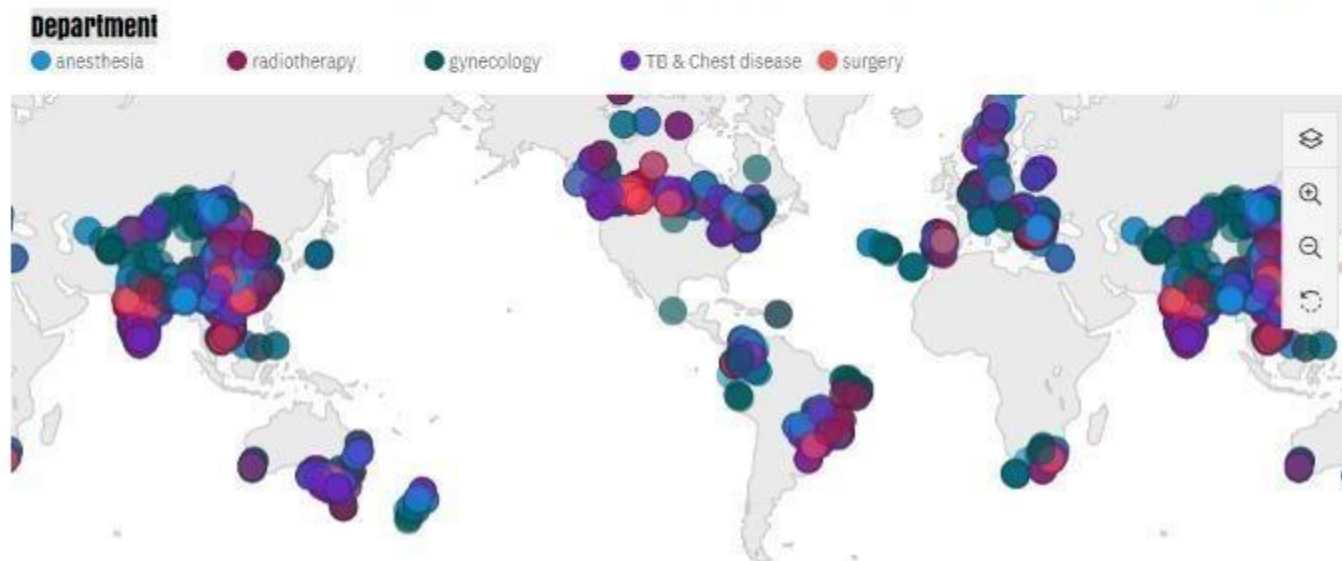
TAB- 4

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

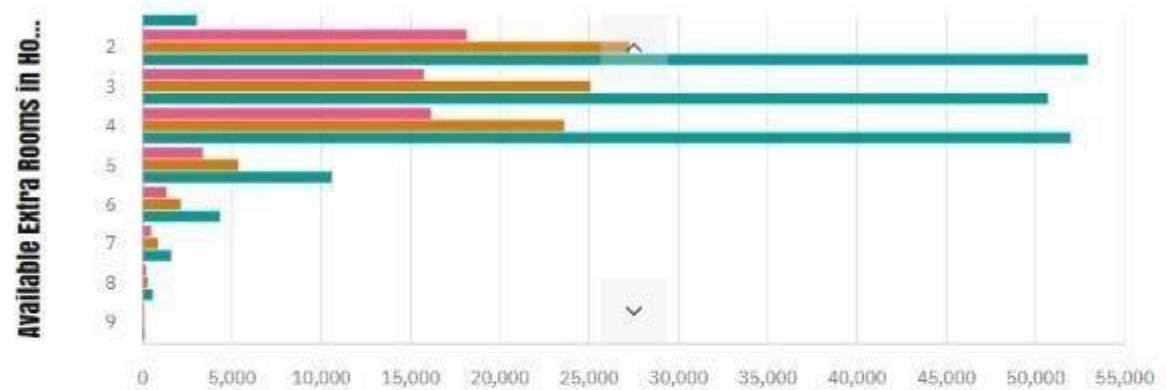- **Available Extra Rooms in Hospital by Bed Grade with points for Severity of Illness**
- **Hospital region code and Bed Grade for Admission Deposit**
- **Department by Hospital region code**

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...

2
3
4
5
6
7
8
9

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

Severity of illness

Department by Severity of Illness

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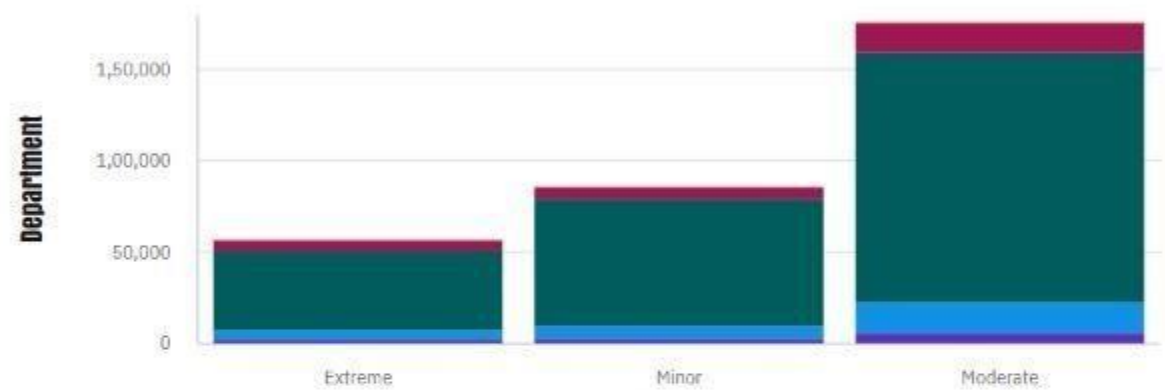
Department

1,50,000
1,00,000
50,000
0

Extreme | Minor | Moderate

Severity of illness

Severity of illness by Department

Department (C...
99 1,36,502

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

Moderate
Extreme
Minor
Minor
Extreme
Moderate
Moderate
Extreme
Moderate
Moderate

SEVERITY OF ILLNESS TO DEPARTMENT

From
- Severity of Illness

To
- Department

TB & Chest disease
radiotherapy
Minor
Extreme
Moderate
gynecology
surgery
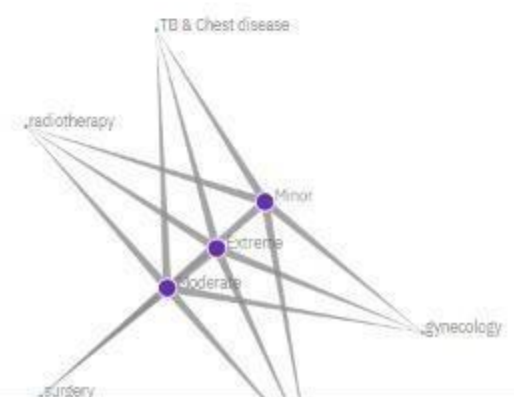
TAB - 5

- 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

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

TOTAL Admission Deposit

Admission Deposit compared to Type of Admission

1.55B

1.55B ↑

Admission_Deposit: 1.55B

Admission_Deposit

Admission_Deposit

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

Type of Admission

Admission Deposit for Department

Admission Deposit for Age

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

Column values
● Increase ● Decrease ● Sum

Line
● Admission Deposit

4,00,000

3,00,000

3,00,000

3,00,000

2,00,000

2,00,000

2,00,000