# Project Development Phase
# Delivery of Sprint-3

| | |
|---|---|
| **Date** | 13 NOVEMBER 2022 |
| **Team ID** | PNT2022TMID28702 |
| **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
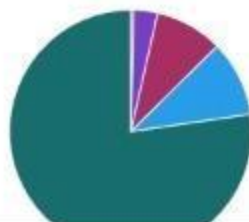
## TOTAL DEPARTMENT

## TOTAL PATIENTS

# 5

# 20.9B

Department

patientid

## TOTAL ADMISSION DEPOSIT BY DEPARTMENT

## TOTAL Severity of Illness by Department

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

**Severity of Illness**
- Extreme
- Minor
- Moderate
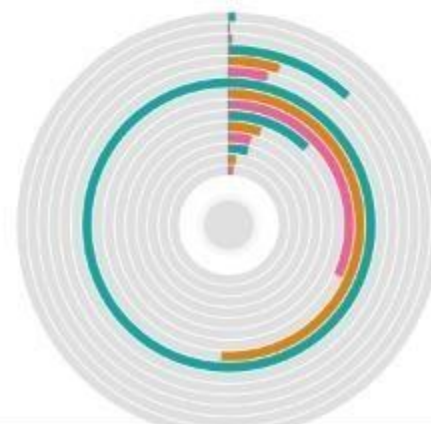
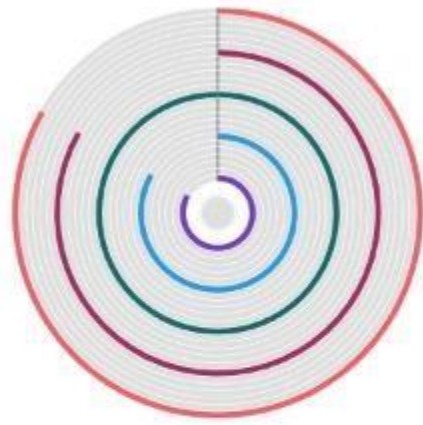# TAB - 2

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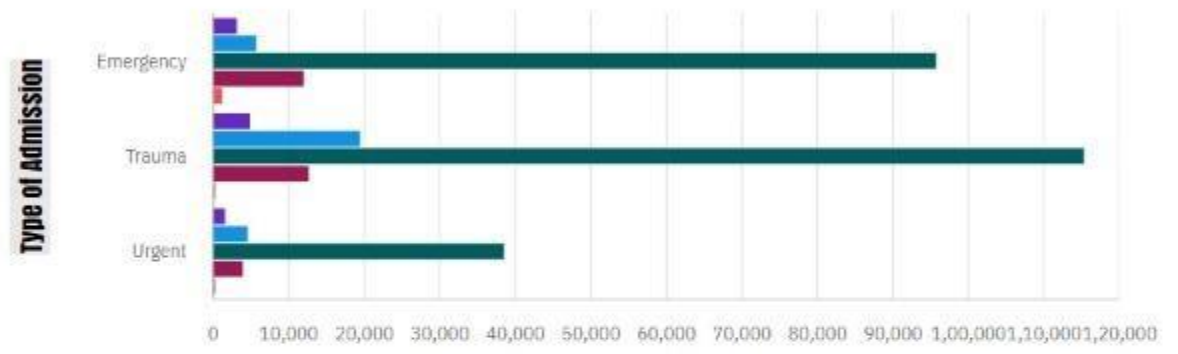- Ward type by Department
- Department for Department and Ward Types

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

## 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

X-axis: 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
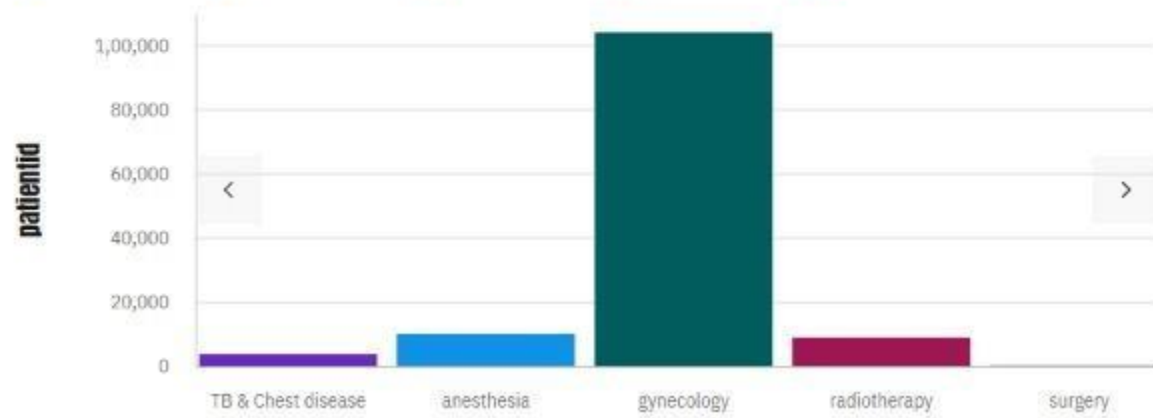
patientid axis: 1,00,000, 80,000, 60,000, 40,000, 20,000, 0

Categories: TB & Chest disease, anesthesia, gynecology, radiotherapy, surgery

## BED GRADE by Department

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

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

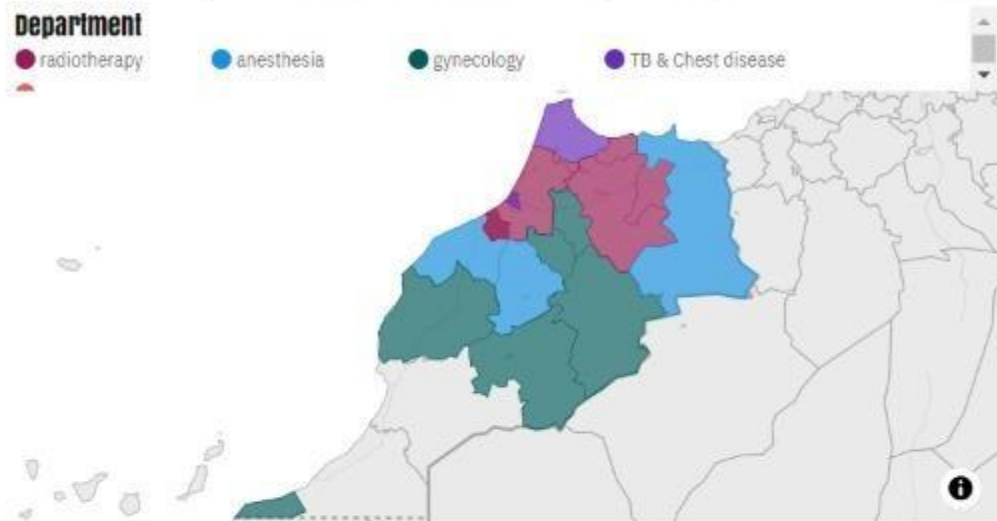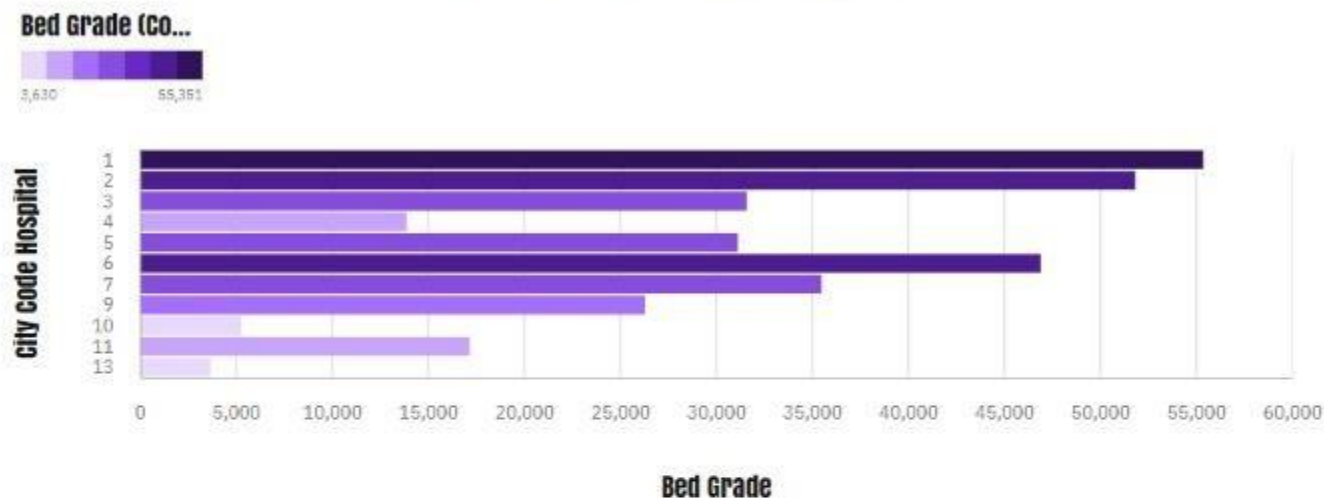Categories: TB & Chest disease, anesthesia, gynecology, radiotherapy, surgery
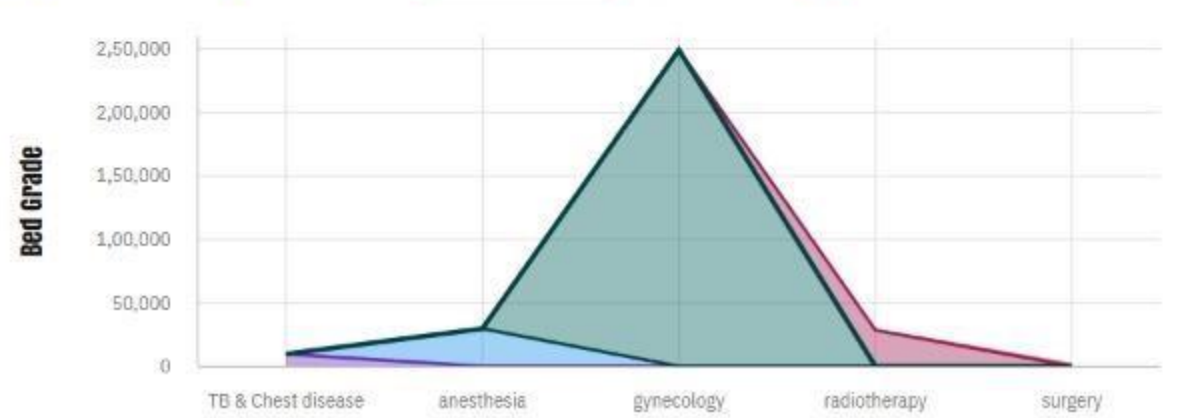
# TAB- 3

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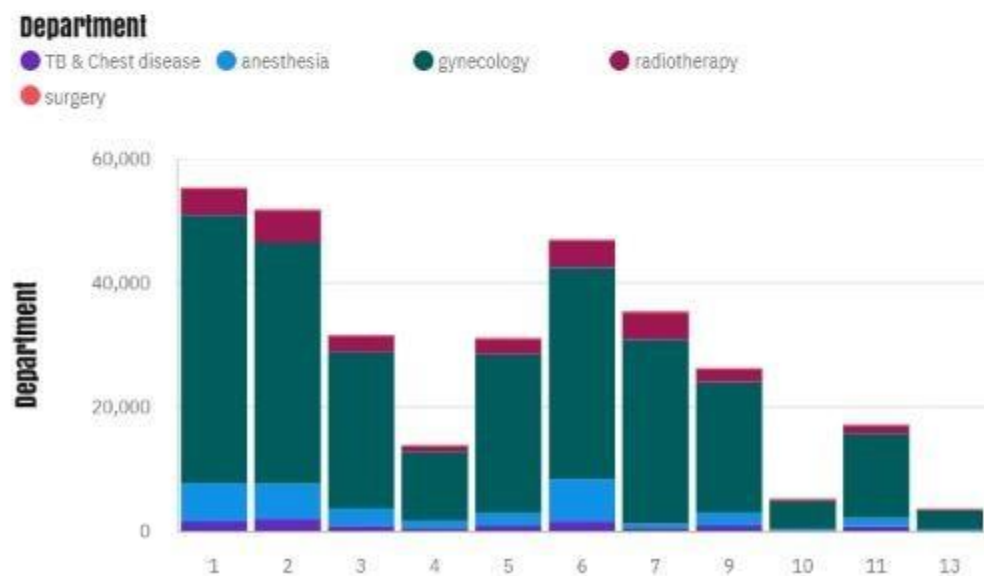- **Bed Grade by Department**

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

## 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



Bed Grade

## 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
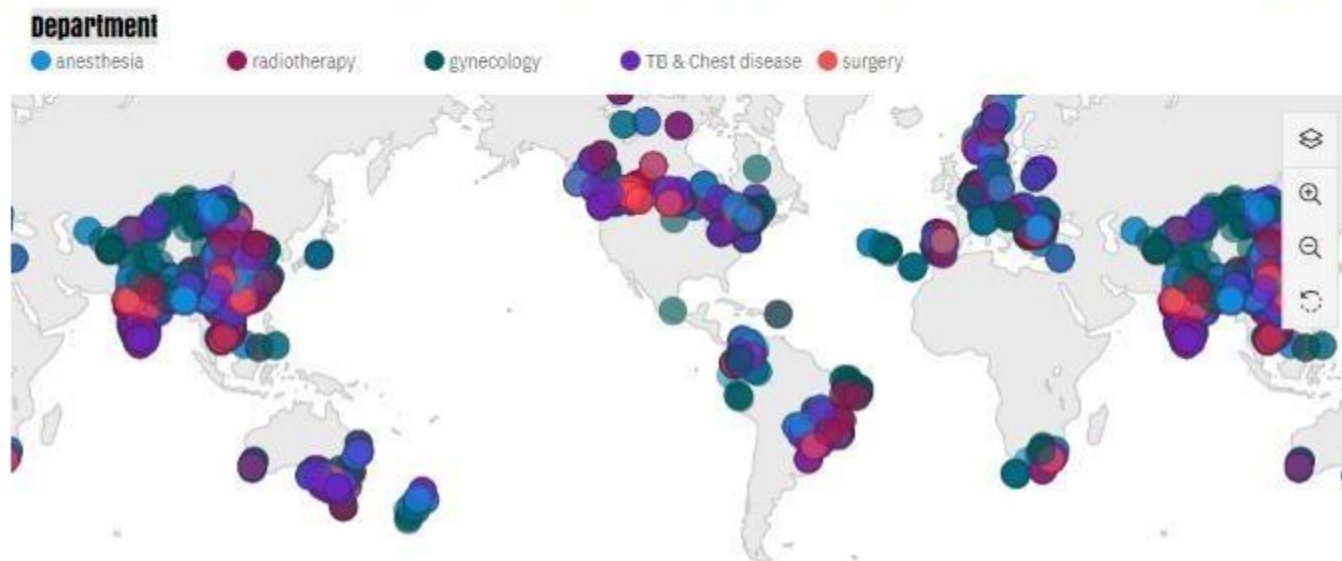
# TAB- 4

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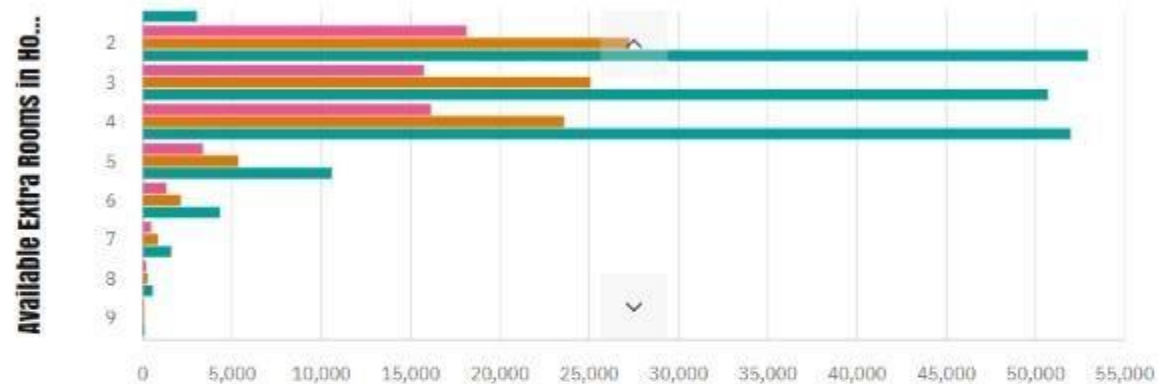
- **Available Extra Rooms in Hospital by Bed Grade with points for Severity of Illness**
- **Hospital region code and Bed Grade for Admission Deposit**
- **Department by Hospital region code**

Analytics  Filters  Fields  Properties

Edit

## 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
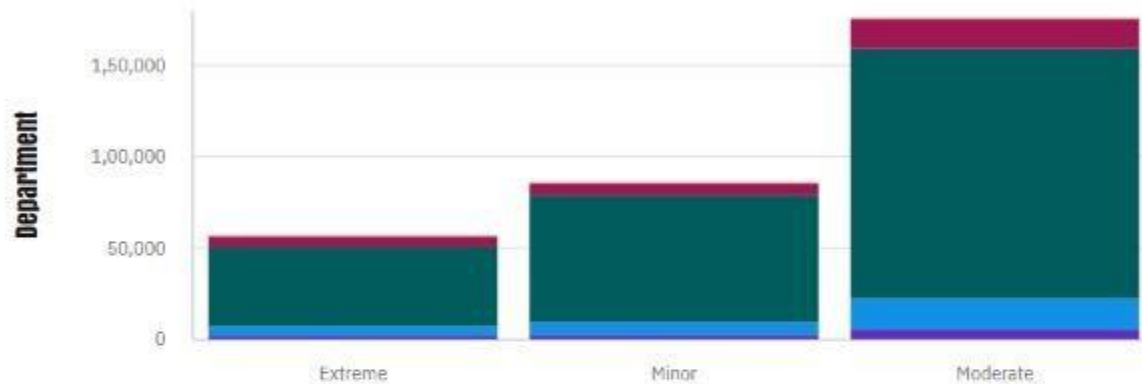
1,50,000

1,00,000

50,000

0

Extreme      Minor      Moderate

**Severity of Illness**

## Severity of Illness by Department

**Department (C...**
98      1,36,502

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

Moderate

Minor      Minor      Minor      Extreme

Extreme

Moderate      Moderate      Moderate

Moderate      Extreme

Moderate

## SEVERITY OF ILLNESS TO DEPARTMENT

**From**
● Severity of Illness

**To**
● Department

TB & Chest disease

radiotherapy

Minor

Extreme

Moderate

gynecology

surgery
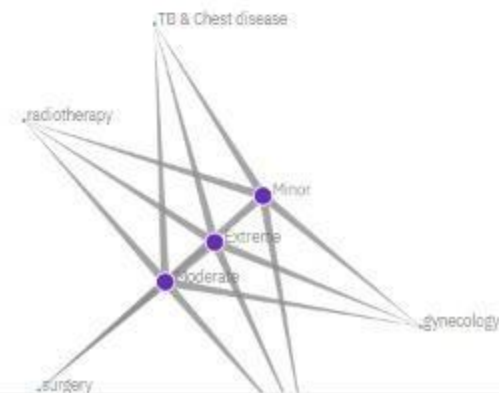
# TAB - 5

- 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

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## 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

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

**Line**
● Admission Deposit

3,00,000

2,00,000

## Admission Deposit for Age

**Column values**
● Increase   ● Decrease   ● Sum

4,00,000

3,00,000

3,00,000

2,00,000

2,00,000