

## DASHBOARD

Date	10 November 2022
Team ID	PNT2022TMID14777
Project Name	Project - Analytics for hospitals health care data

# Analytics for Hospital's Health Care Data

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TEAM MEMBER 1 : KAVIPRIYA T  
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TEAM MEMBER 3 : MANJEET SINGH



**TEAM ID : PNT2022TMID14777**

## **Dashboard Creation**

- **Overview**
- **Department Analysis**
- **Location Wise Analysis**
- **Severity of Illness**
- **Admission Deposit Analysis**

**Overview:**

Total Department

5

Department

patientid

20.9B

patientid

Admission\_Deposit

1.55B

Admission\_Deposit

Bed Grade

836K

Bed Grade

Available Extra Rooms in Hospital

1.02M

Available Extra Rooms in Hospital

Visitors with Patient

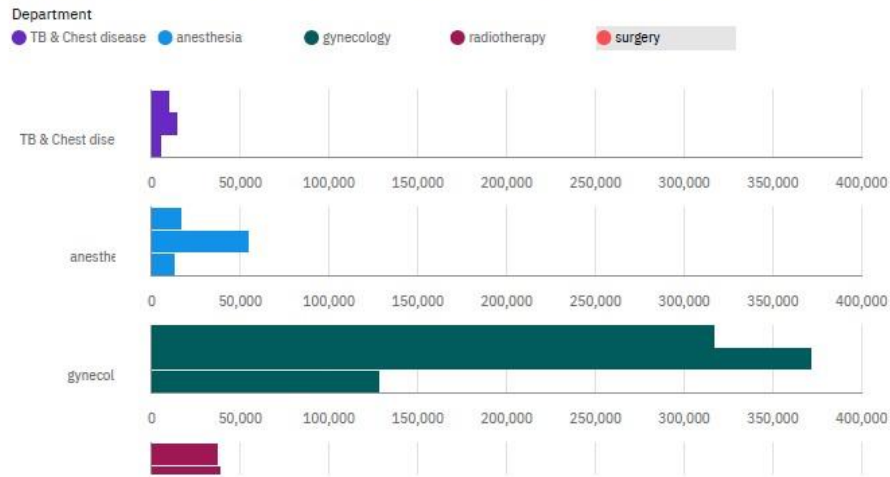
1.05M

Visitors with Patient

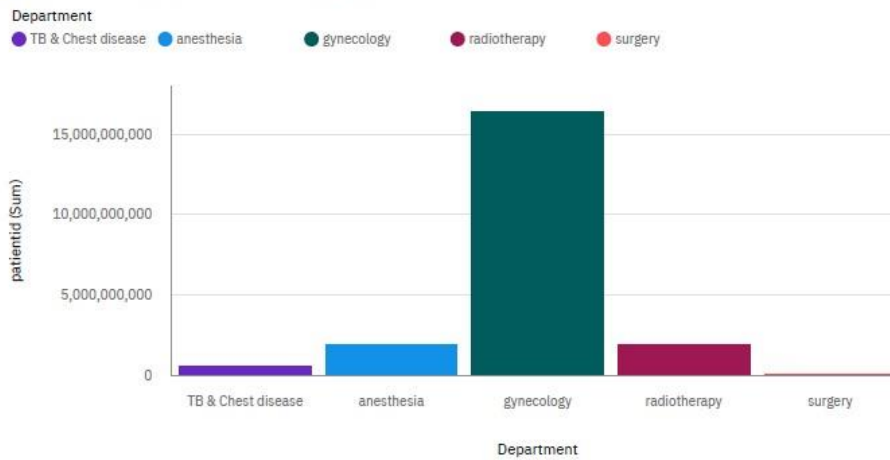
## Department Analysis:

### Department Analysis

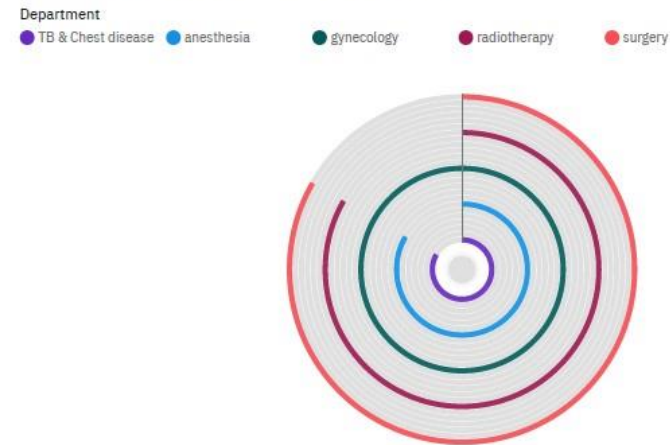
Available Extra Rooms in Hospital by Type of Admission colored by Department



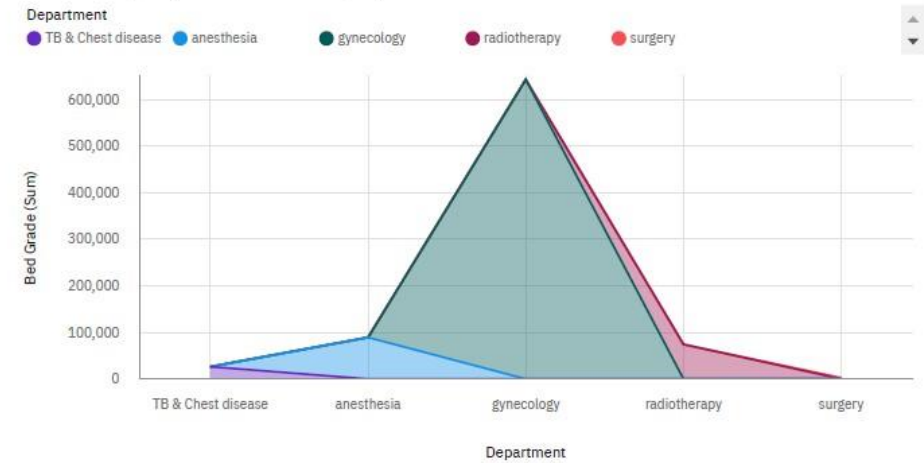
patientid by Department colored by Department



Ward\_Type by Department colored by Department



Bed Grade by Department colored by Department

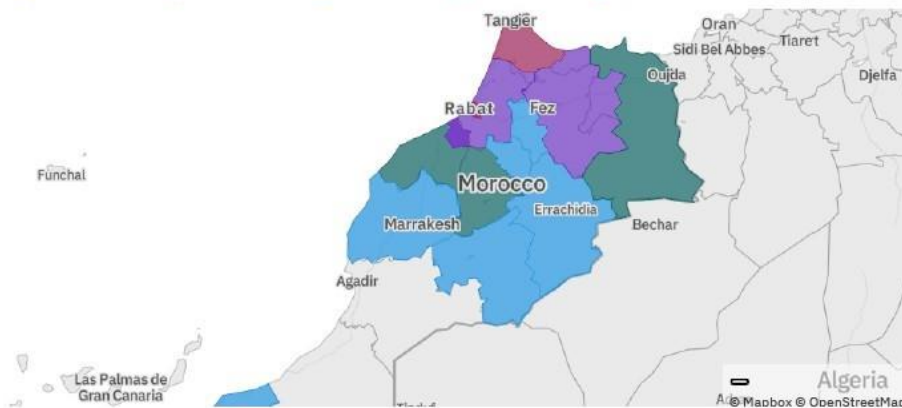


## Location Wise Analysis:

### Location Wise Dashboard

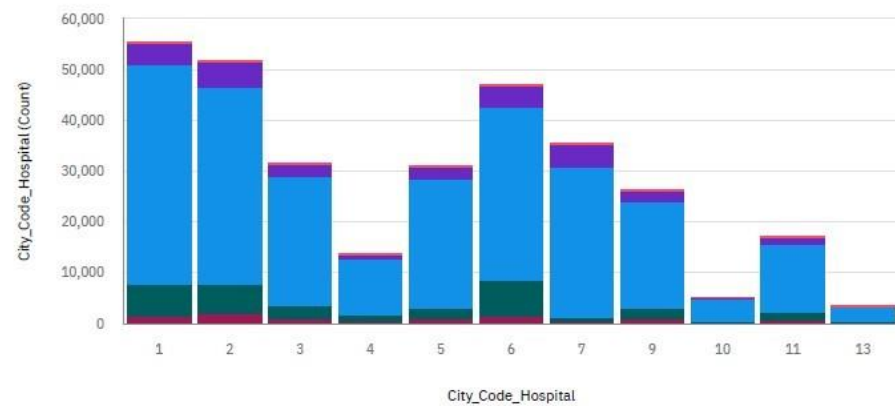
Department for City\_Code\_Hospital regions

Department  
radiotherapy anesthesia gynecology TB & Chest disease surgery



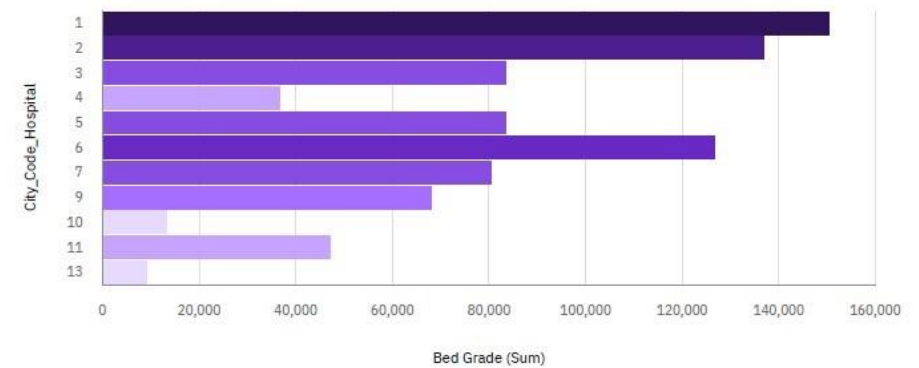
City\_Code\_Hospital by City\_Code\_Hospital colored by Department

Department  
radiotherapy anesthesia gynecology TB & Chest disease surgery



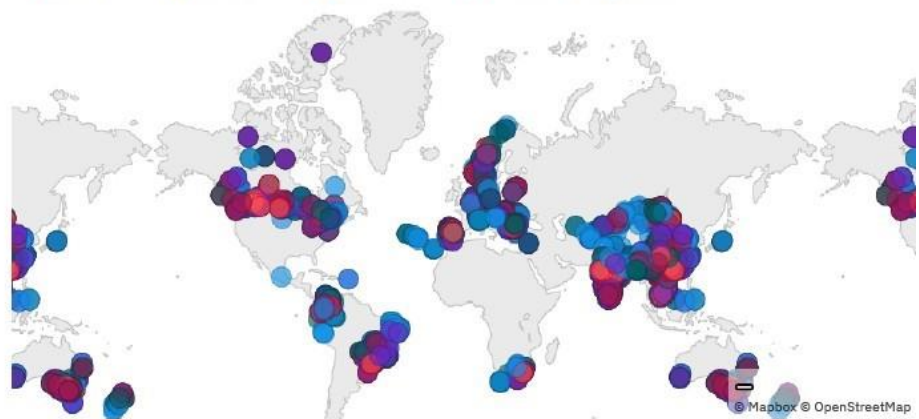
Bed Grade by City\_Code\_Hospital colored by Bed Grade

Bed Grade (Sum)  
9,183 150,487



Department for Admission\_Deposit regions

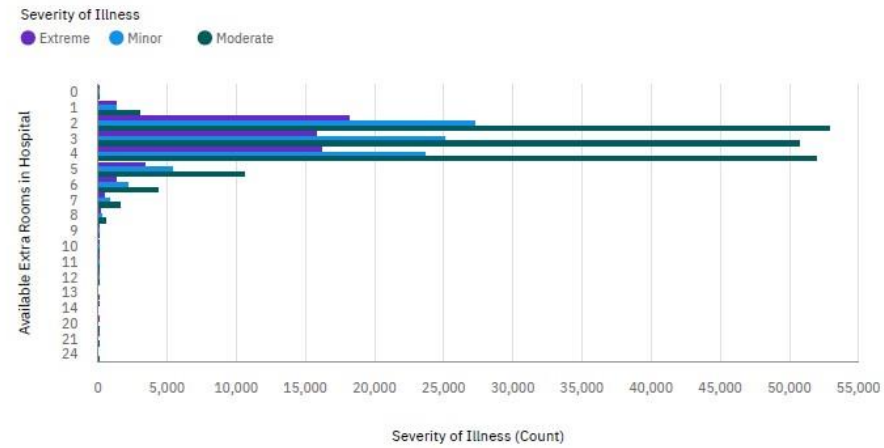
Department  
radiotherapy anesthesia gynecology TB & Chest disease surgery



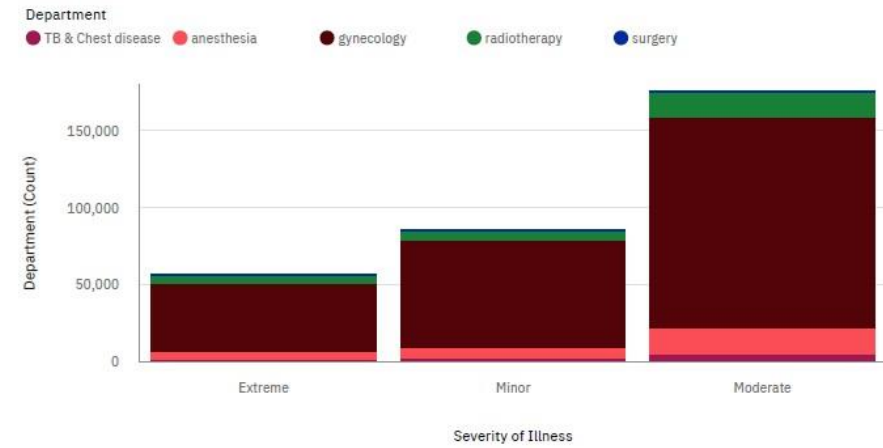
## Severity of Illness:

### Severity of Illness - Dashboard

Severity of Illness by Available Extra Rooms in Hospital colored by Severity of Illness



Department by Severity of Illness colored by Department



Severity of Illness colored by Department sized by Department



Severity of Illness to Department



Moderate

Extreme

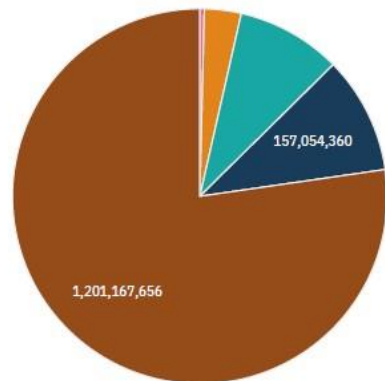
Minor

## Admission Deposit Analysis:

### Admission Dashboard

#### Admission\_Deposit by Department

Department  
surgery TB & Chest disease radiotherapy anesthesia gynecology



#### Admission\_Deposit compared to Type of Admission

# 1.55B ↑

Admission\_Deposit

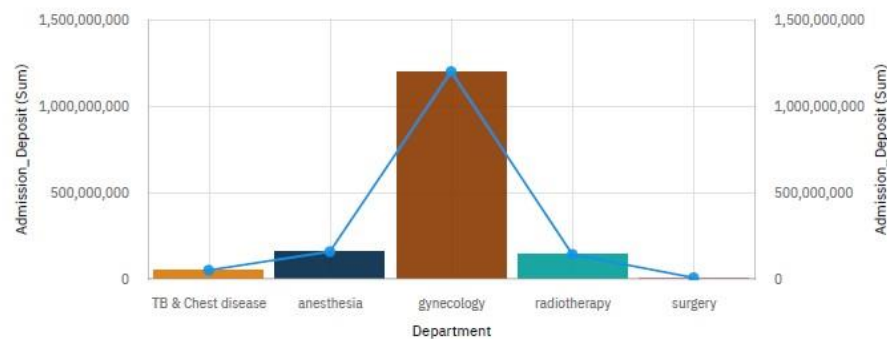
3 (+51,807,202,400%)

Type of Admission

#### Admission\_Deposit and Admission\_Deposit for Department colored by Department

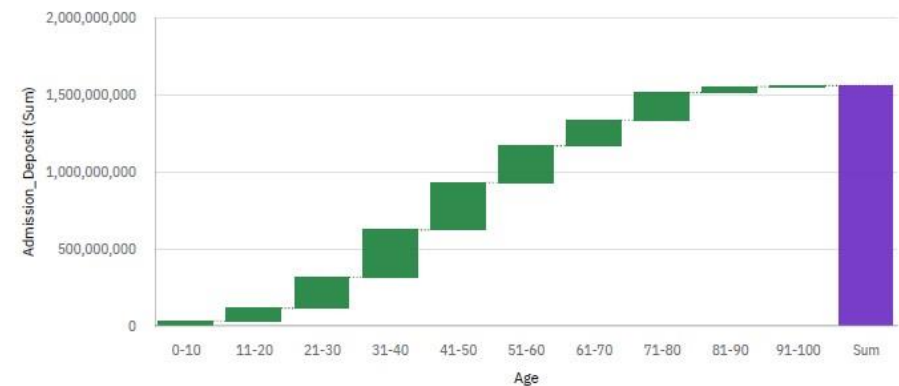
Department  
TB & Chest disease anesthesia gynecology radiotherapy surgery

Line  
Admission\_Deposit (Sum)



#### Admission\_Deposit for Age

Column values  
Increase Decrease Sum





**Data Preparation Link:**

[https://us1.ca.analytics.ibm.com/bi/?perspective=dashboard&pathRef=.my\\_folders%2FHealthCare%2BAnalytics%2B%2BDashboard&action=view&mode=dashboard&subView=model0000018480683365\\_00000000](https://us1.ca.analytics.ibm.com/bi/?perspective=dashboard&pathRef=.my_folders%2FHealthCare%2BAnalytics%2B%2BDashboard&action=view&mode=dashboard&subView=model0000018480683365_00000000)

