

Project Development Phase

Sprint - 3

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

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Roll no: 7179KCTKCTKCTKCTKCTKCT19BCS301

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

TEAM LEAD : JANANI M
TEAM MEMBER 1 : KAVIPRIYA T
TEAM MEMBER 2 : SADHASIVAM S
TEAM MEMBER 3 : MANJEET SINGH



TEAM ID : PNT2022TMID14777

Sprint-3

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

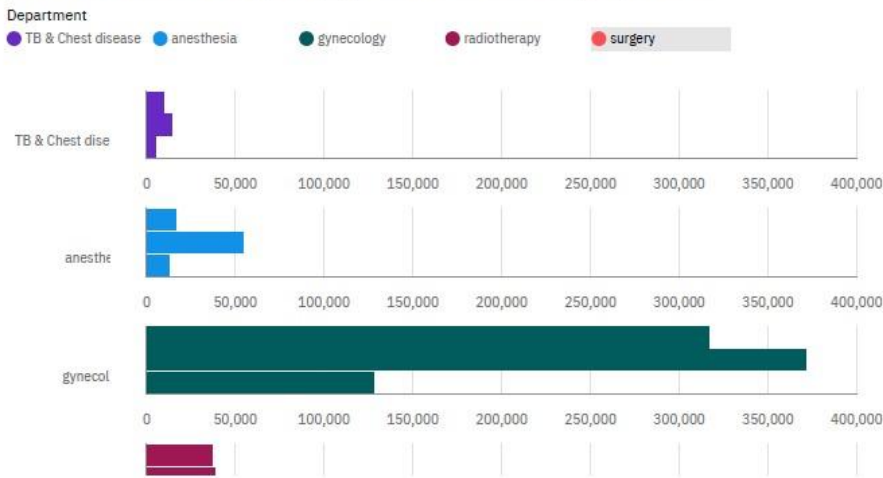
1.05M

Visitors with Patient

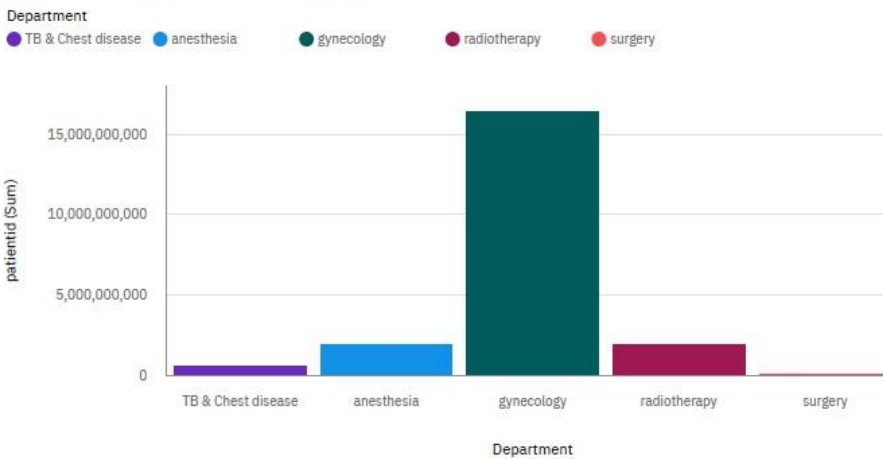
Department Analysis:

Department Analysis

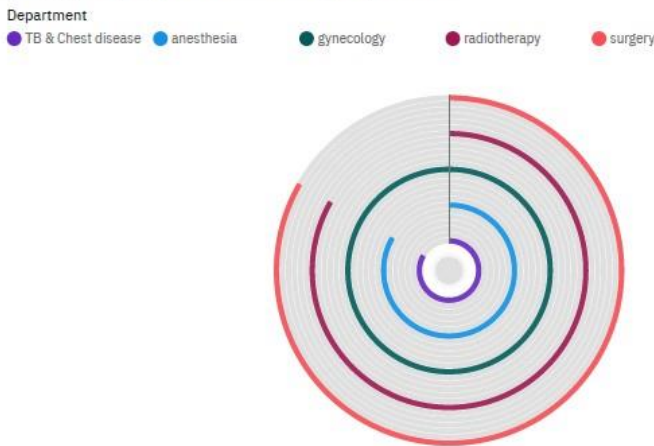
Available Extra Rooms in Hospital by Type of Admission colored by Department



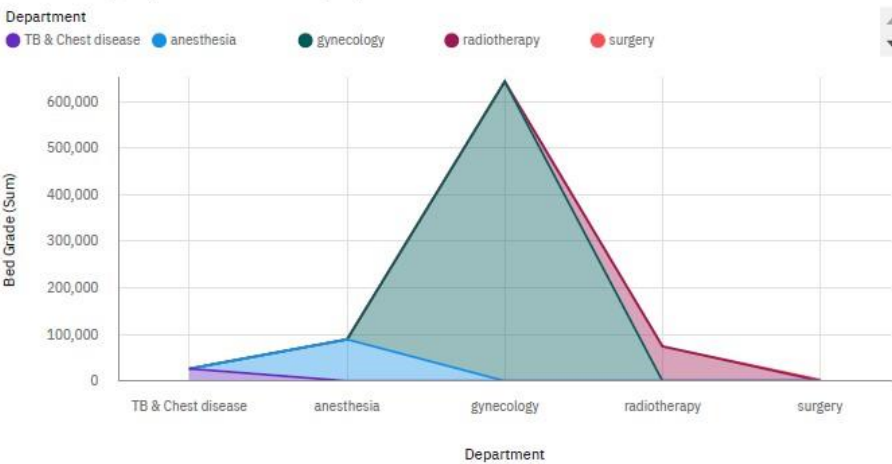
patientid by Department colored by Department



Ward_Type by Department colored by Department



Bed Grade by Department colored by Department

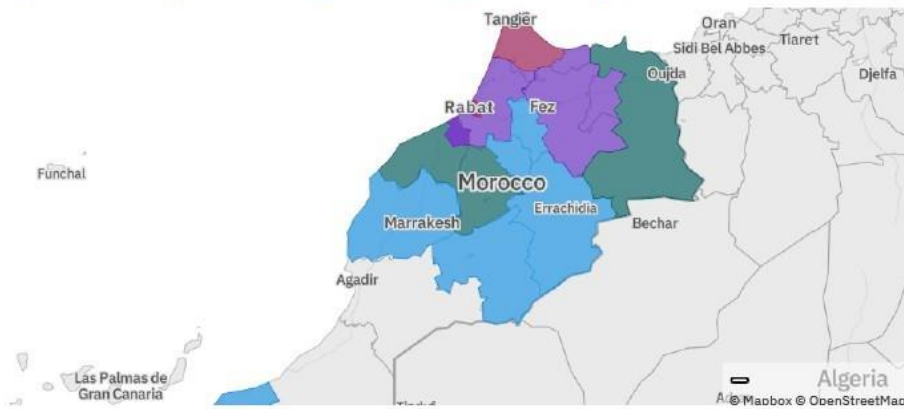


Location Wise Analysis:

Location Wise Dashboard

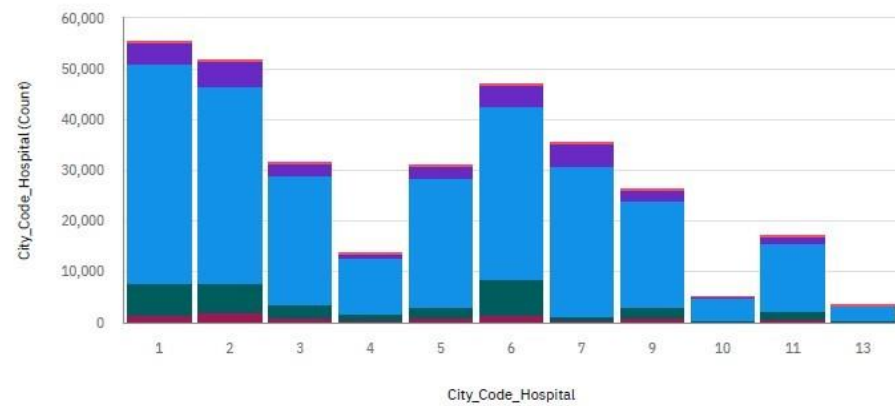
Department for City_Code_Hospital regions

Department
 radiotherapy anesthesia gynecology TB & Chest disease surgery



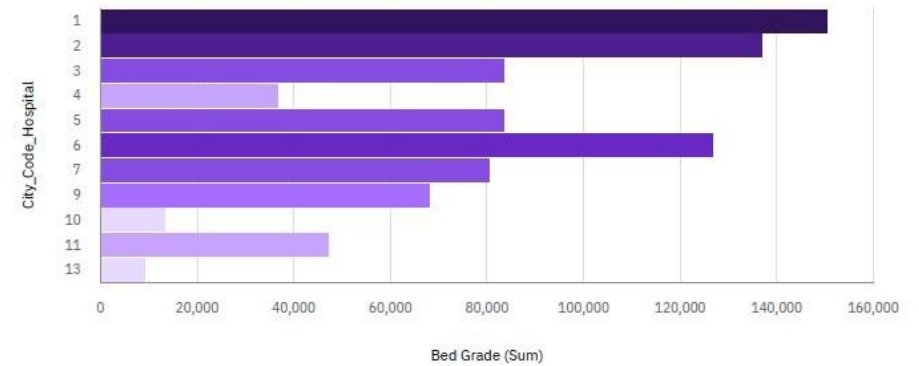
City_Code_Hospital by City_Code_Hospital colored by Department

Department
 TB & Chest disease anesthesia gynecology radiotherapy surgery



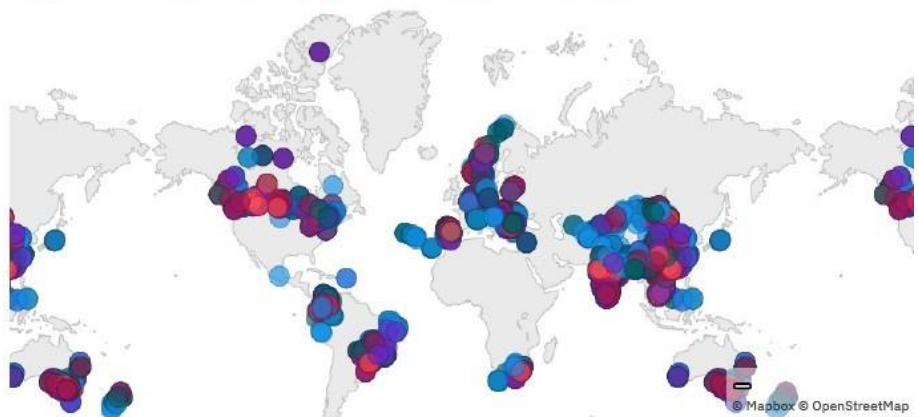
Bed Grade by City_Code_Hospital colored by Bed Grade

Bed Grade (Sum)
 9,183 150,487



Department for Admission_Deposit regions

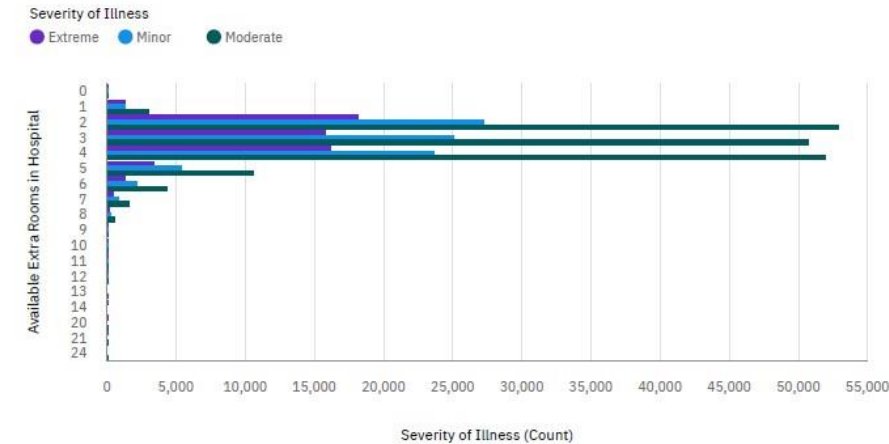
Department
 anesthesia radiotherapy gynecology TB & Chest disease surgery



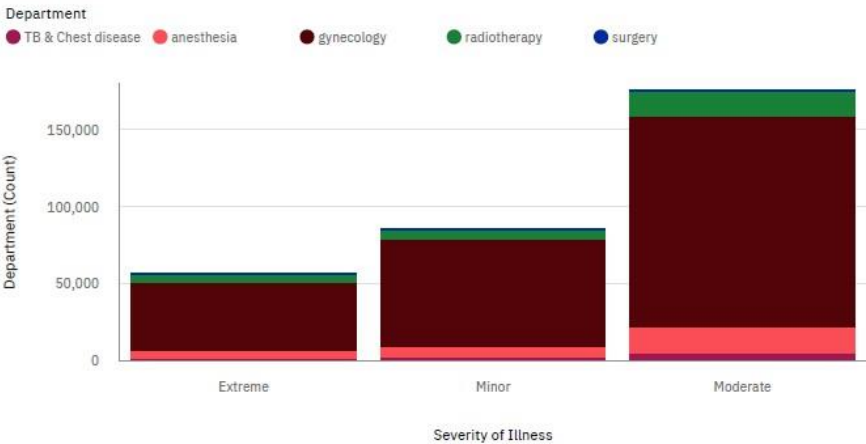
Severity of Illness:

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

Minor

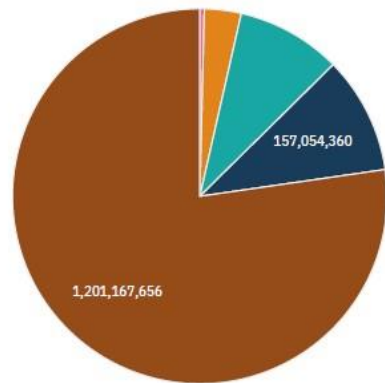
Extreme

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 ↑

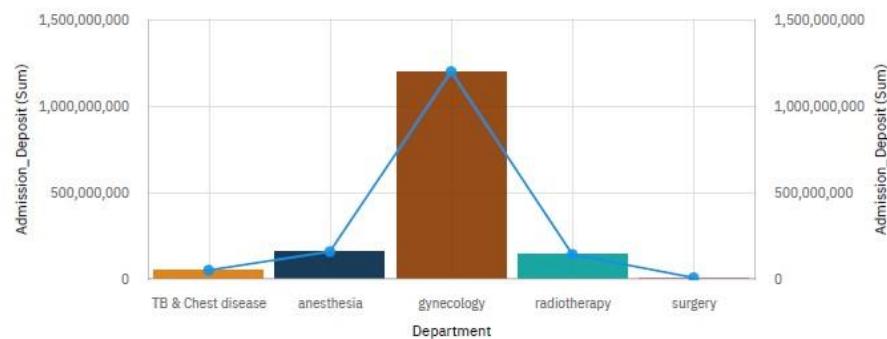
Admission_Deposit

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

Type of Admission

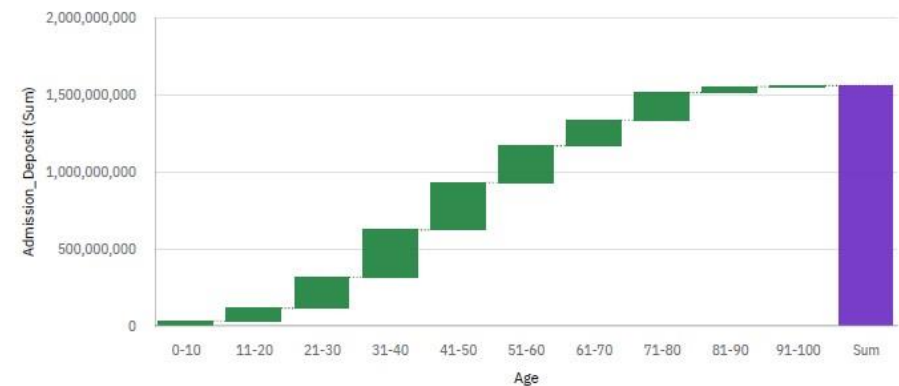
Admission_Deposit and Admission_Deposit for Department colored by Department

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

