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:
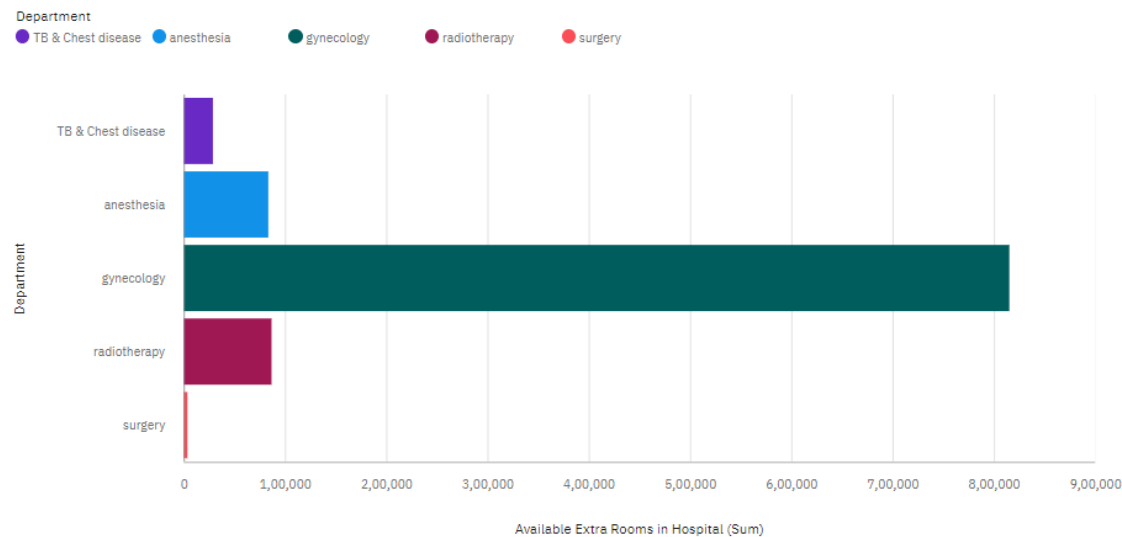- ➢ Report Creation
- ➢ Story Creation

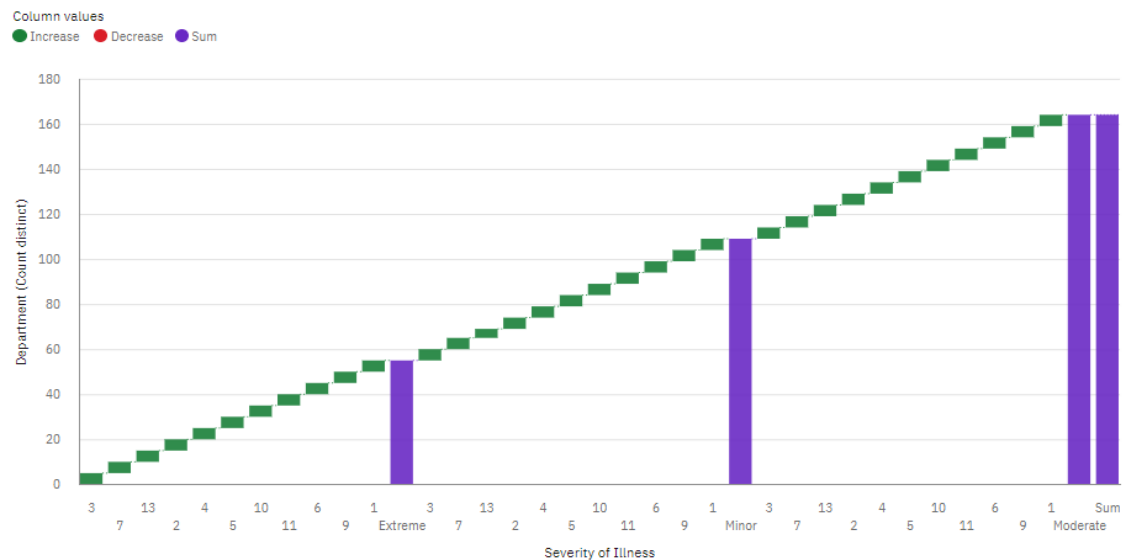TEAM ID : PNT2022TMID39750

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**
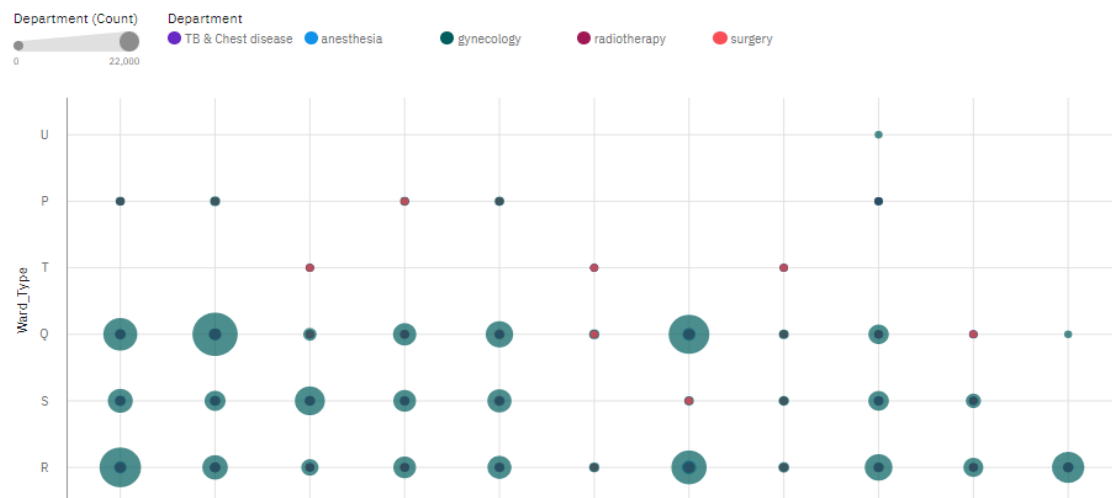
- ❑ **Department for Severity of Illness**
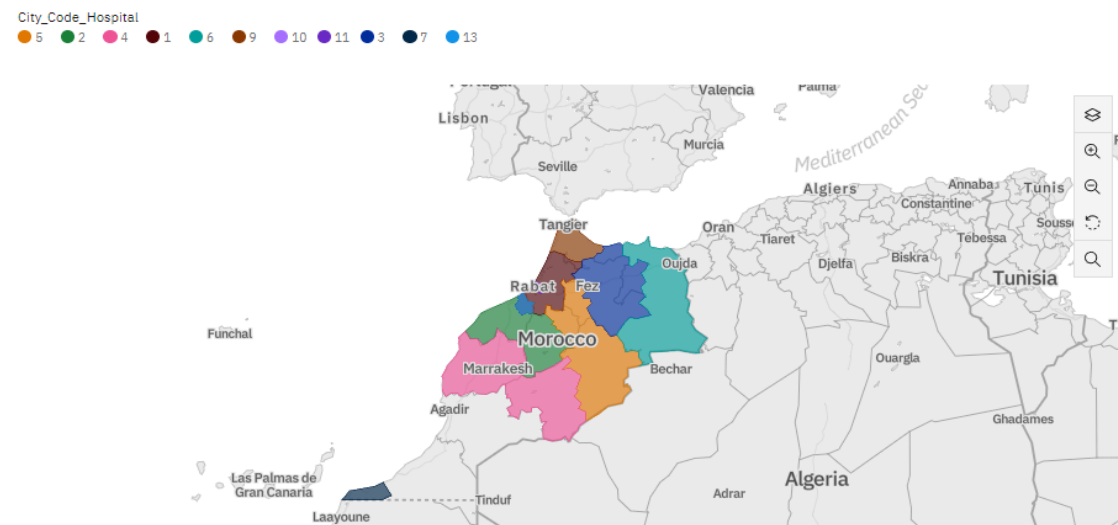
Available Extra Rooms in Hospital by Department

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

Department (y-axis): TB & Chest disease, anesthesia, gynecology, radiotherapy, surgery

Available Extra Rooms in Hospital (Sum): 0, 1,00,000, 2,00,000, 3,00,000, 4,00,000, 5,00,000, 6,00,000, 7,00,000, 8,00,000, 9,00,000

Department for Severity of Illness

Column values
- Increase
- Decrease
- Sum

Department (Count distinct): 0, 20, 40, 60, 80, 100, 120, 140, 160, 180

Severity of Illness (x-axis): 3, 7, 13, 2, 4, 5, 10, 11, 6, 9, 1, Extreme, 3, 7, 13, 2, 4, 5, 10, 11, 6, 9, 1, Minor, 3, 7, 13, 2, 4, 5, 10, 11, 6, 9, 1, Moderate, Sum

City Code Hospital and Ward Type with Department

Department (Count): 0 — 22,000

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

Ward_Type (y-axis): U, P, T, Q, S, R

City Code Hospital for City Code Hospital regions

City_Code_Hospital
- 5
- 2
- 4
- 1
- 6
- 9
- 10
- 11
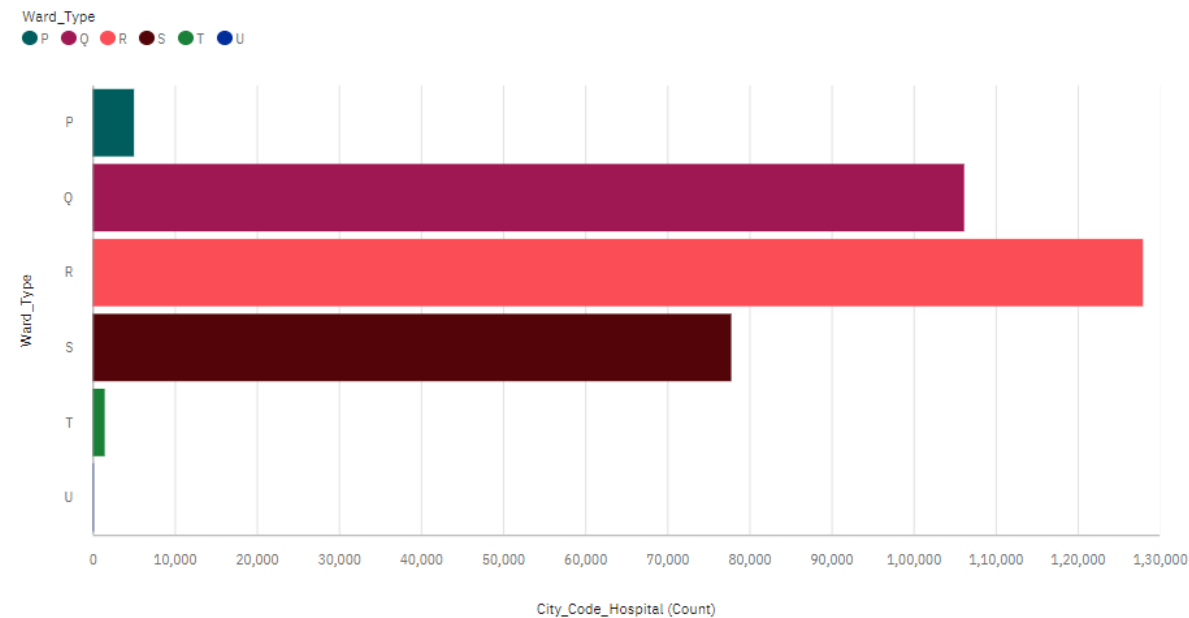- 3
- 7
- 13

TAB - 2

- ❑ **Available Extra Rooms in Hospital by Department**

- ❑ **City Code Hospital by Ward Type**

- ❑ **Ward type by Department**

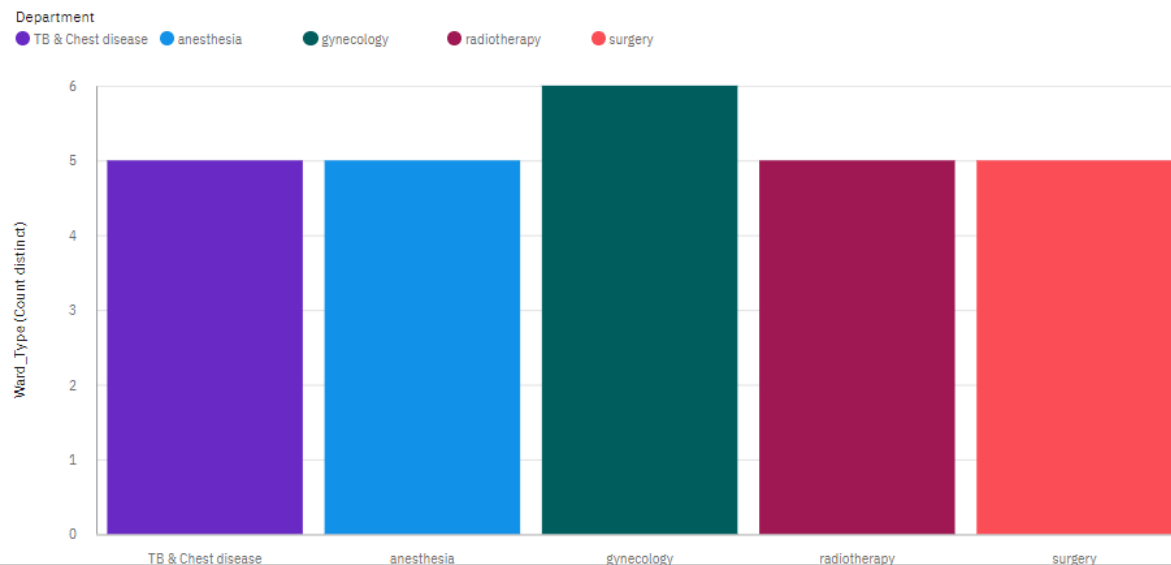- ❑ **Department for Department and Ward Types**

Available Extra Rooms in Hospital by Department

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

83,597
86,780
8,15,278

City Code Hospital by Ward Type

Ward_Type
● P ● Q ● R ● S ● T ● U

City_Code_Hospital (Count)

Ward type by Department

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

Department for Department and Ward Type

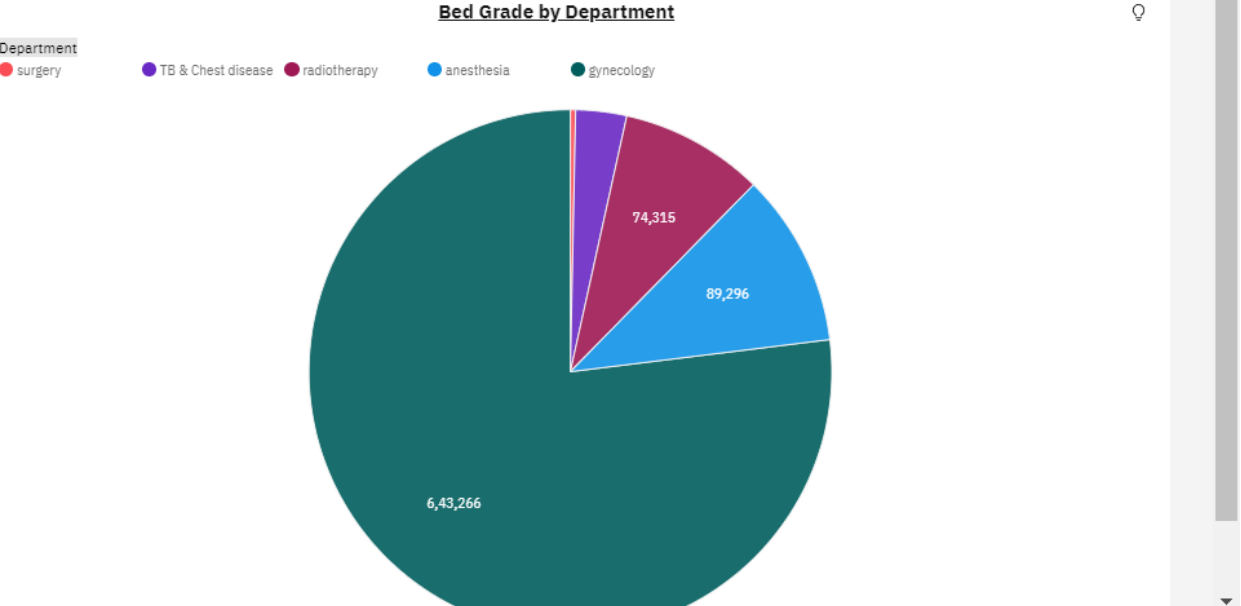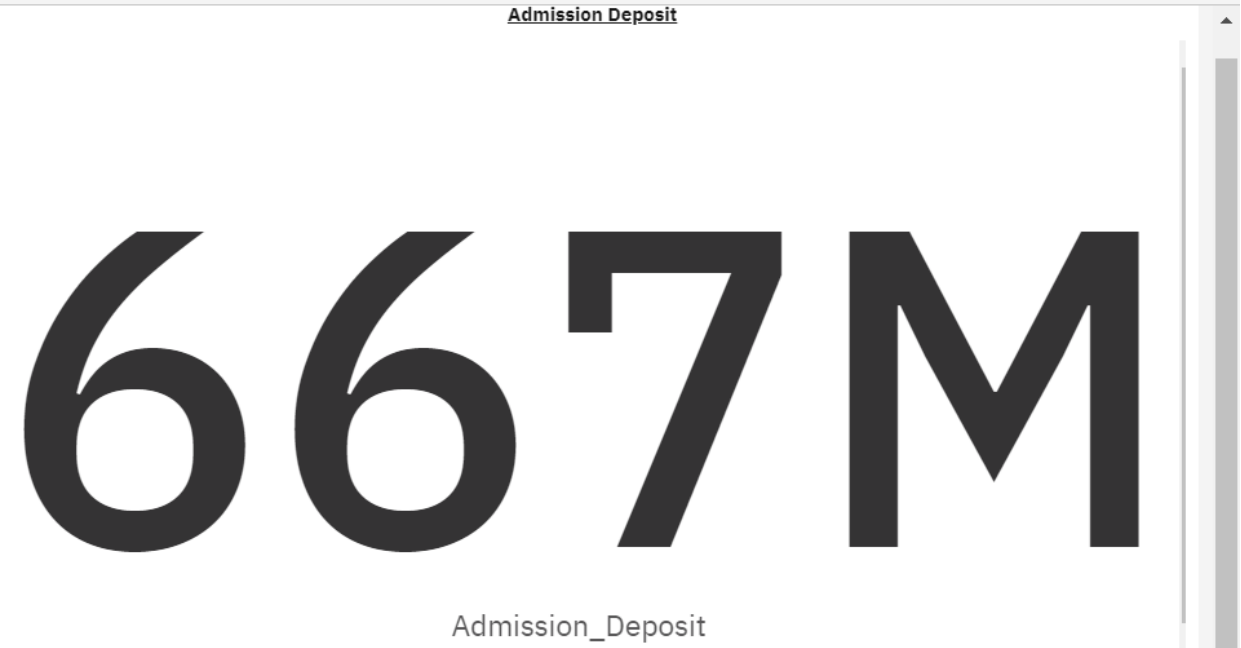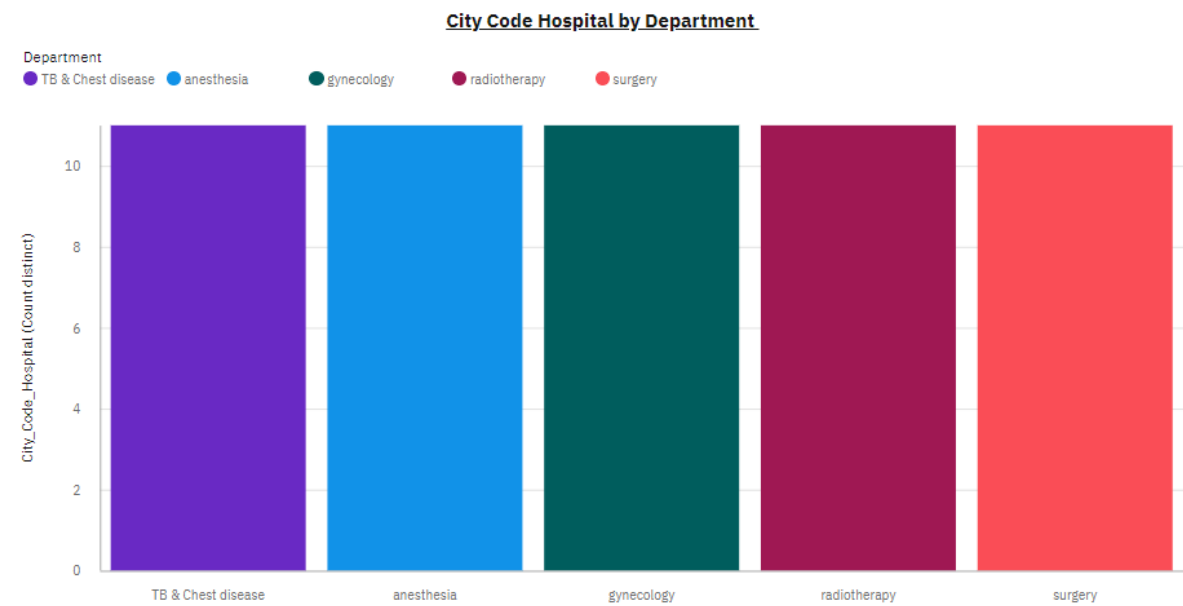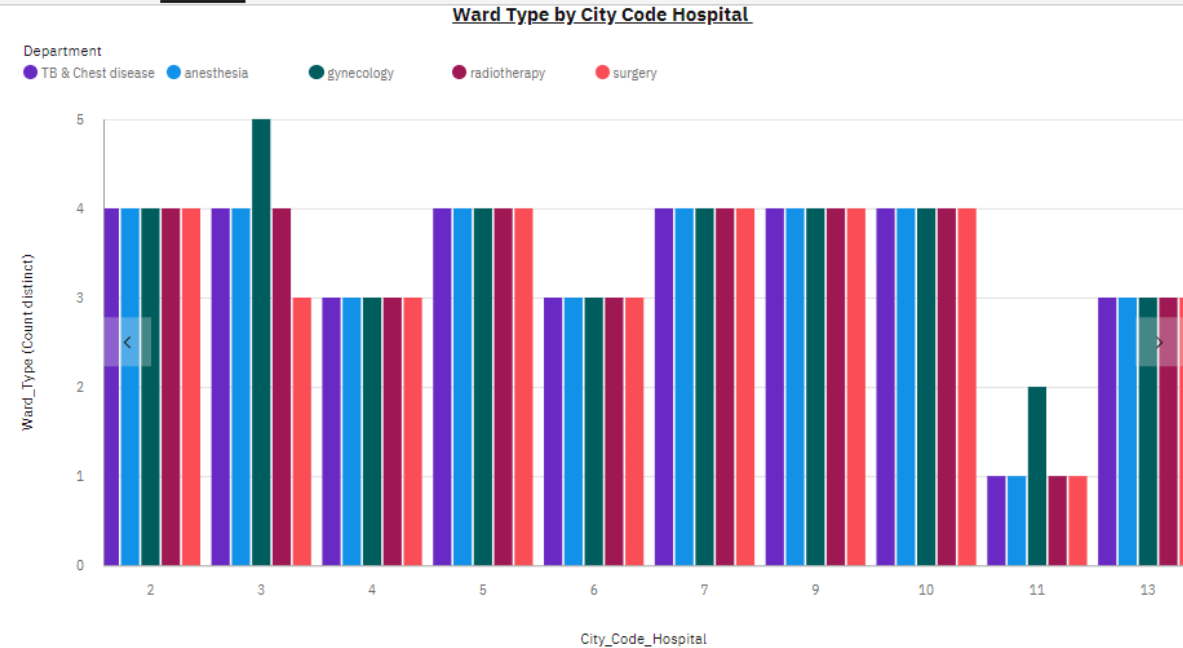| Department	TB & Chest disease	anesthesia	gynecology	radiotherapy	surgery	Summary
P	165	351	4,078	432	20	5,046
Q	2,830	8,979	85,191	8,796	369	1,06,165
R	3,886	12,636	99,730	11,282	413	1,27,947
S	2,651	7,556	59,315	7,877	395	77,794
T	54	127	1,163	129	4	1,477
U	(no value)	(no value)	9	(no value)	(no value)	9
Summary	9,586	29,649	2,49,486	28,516	1,201	3,18,438

TAB - 3

- Ward Type by City Code Hospital

- Admission Deposit

- City Code Hospital by Department

- Bed Grade by Department

Edit | Analytics | Filters

Ward Type by City Code Hospital

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

Y-axis: Ward_Type (Count distinct)
X-axis: City_Code_Hospital

Admission Deposit

667M

Admission_Deposit

City Code Hospital by Department

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

Y-axis: City_Code_Hospital (Count distinct)
X-axis categories: TB & Chest disease, anesthesia, gynecology, radiotherapy, surgery

Bed Grade by Department

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

74,315
89,296
6,43,266

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**

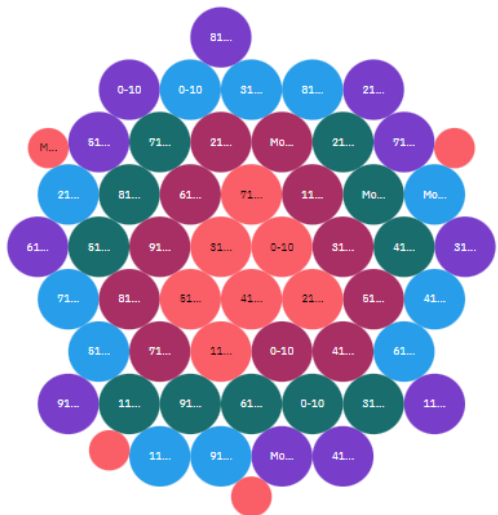- ❑ **Department by Hospital region code**

Maintenance: Scheduled maintenance completed. Click More Info for details and to subscribe to future events

Dismiss   More info   →

Edit   Analytics   Filters

Tab 1   Tab 2   Tab 3   Tab 4   Tab 5

Stay colored by Department sized by Severity of Illness

Severity of Illness ...

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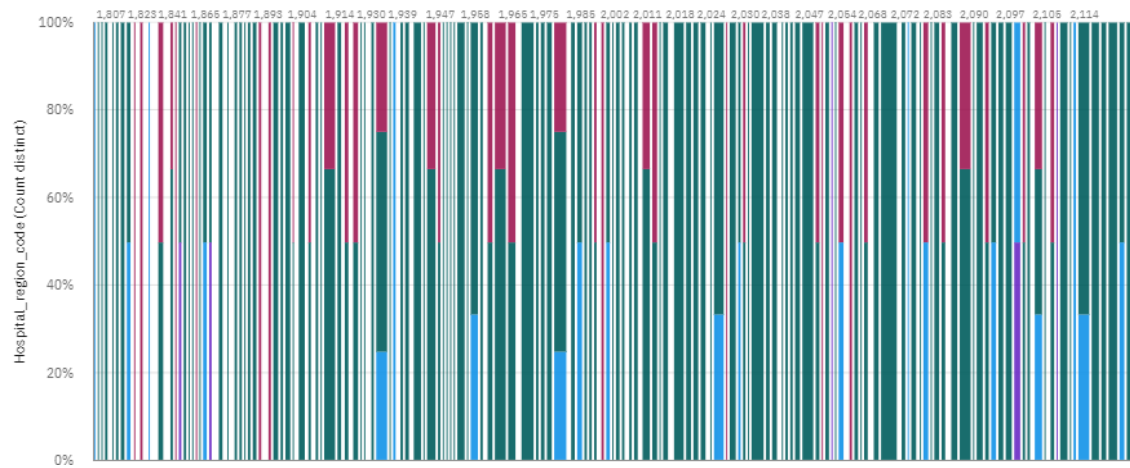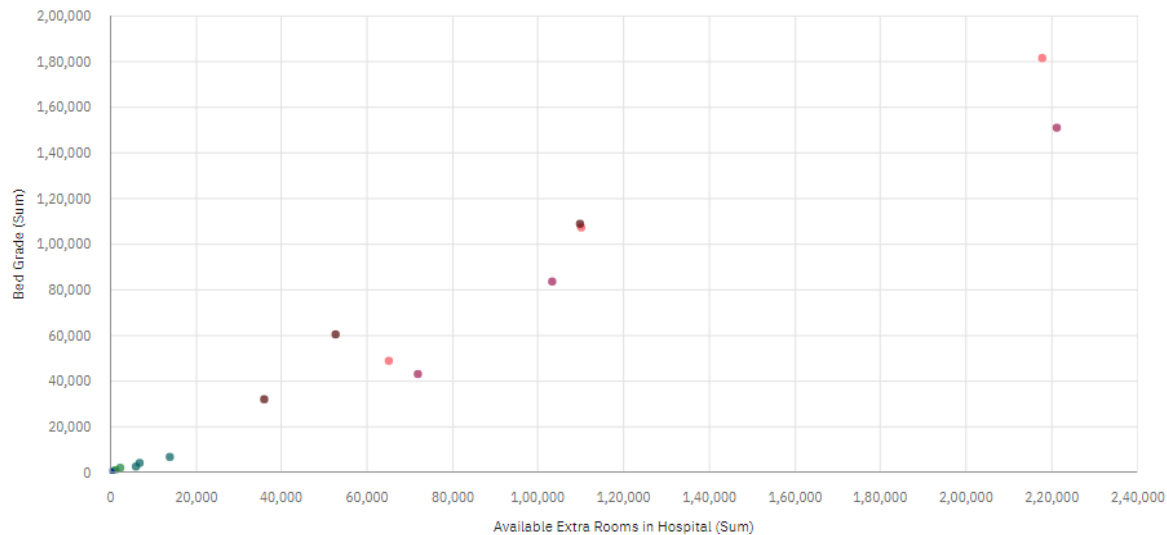- TB & Chest disease
- anesthesia
- gynecology
- radiotherapy
- surgery

Available Extra Rooms in Hospital by Bed Grade with points for Severity of Illness
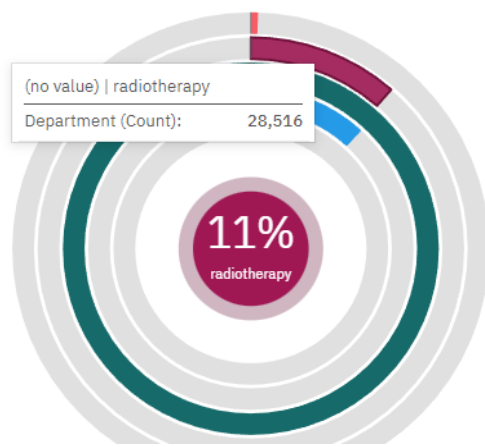
Ward_Type
- P • Q • R • S • T • U

Bed Grade (Sum)

2,00,000
1,80,000
1,60,000
1,40,000
1,20,000
1,00,000
80,000
60,000
40,000
20,000
0

0 20,000 40,000 60,000 80,000 1,00,000 1,20,000 1,40,000 1,60,000 1,80,000 2,00,000 2,20,000 2,40,000

Available Extra Rooms in Hospital (Sum)

Hospital region code and Bed Grade for Admission Deposit

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

1,807 1,823 1,841 1,866 1,877 1,893 1,904 1,914 1,930 1,939 1,947 1,958 1,965 1,975 1,985 2,002 2,011 2,018 2,024 2,030 2,038 2,047 2,054 2,068 2,072 2,083 2,090 2,097 2,105 2,114

100%
80%
60%
40%
20%
0%

Hospital_region_code (Count distinct)

Department by Hospital region code

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

(no value) | radiotherapy
Department (Count):   28,516

11%
radiotherapy

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

Tab 1   Tab 2   Tab 3   Tab 4   **Tab 5**

Analytics 📈   Filters ▽

Bed Grade by Hospital region code

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

X
3,00,000
2,50,000
2,00,000
1,50,000
1,00,000
50,000
0

Y
A
Z
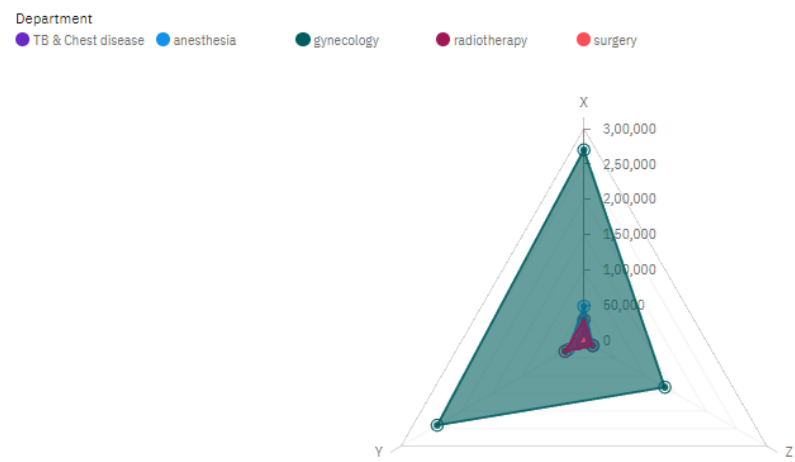
Admission Deposit compared to Type of Admission

Admission_Deposit: 1.55B

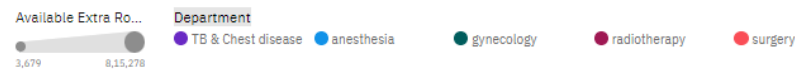# 1.55B ↑

Admission_Deposit

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

Type of Admission

## Department colored by Department sized by Available Extra Rooms in Hospital

Available Extra Ro...   Department
● TB & Chest disease   ● anesthesia   ● gynecology   ● radiotherapy   ● surgery

3,679   8,15,278

gynecology

TB & Chest disease
surgery
radiotherapy
anesthesia

Hospital type code to City Code Hospital

From   To
● Department   ● Severity of Illness

● Minor
● surgery
● TB & Chest disease
● gynecology
● anesthesia
● radiotherapy
● Moderate
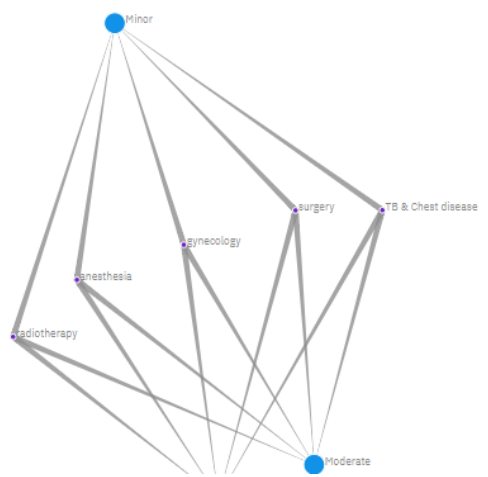
Prepared data link :

https://us3.ca.analytics.ibm.com/bi/?perspective=dashboard&pathRef=.my_folders%2Fdata_dashboard%2Fhealth_care_data_dashboard&action=view&mode=dashboard&subView=model000001845ab06361_00000000