Project Development Phase
Delivery of Sprint-3

Date	9 NOV 2022
Team ID	PNT2022TMID04905
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:
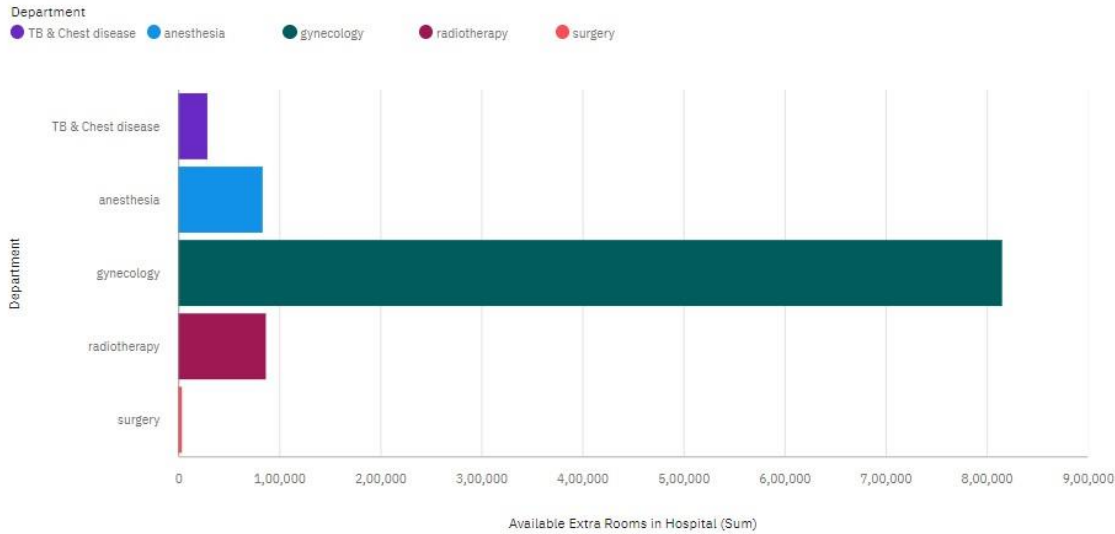- ➢ Report Creation
- ➢ Story Creation

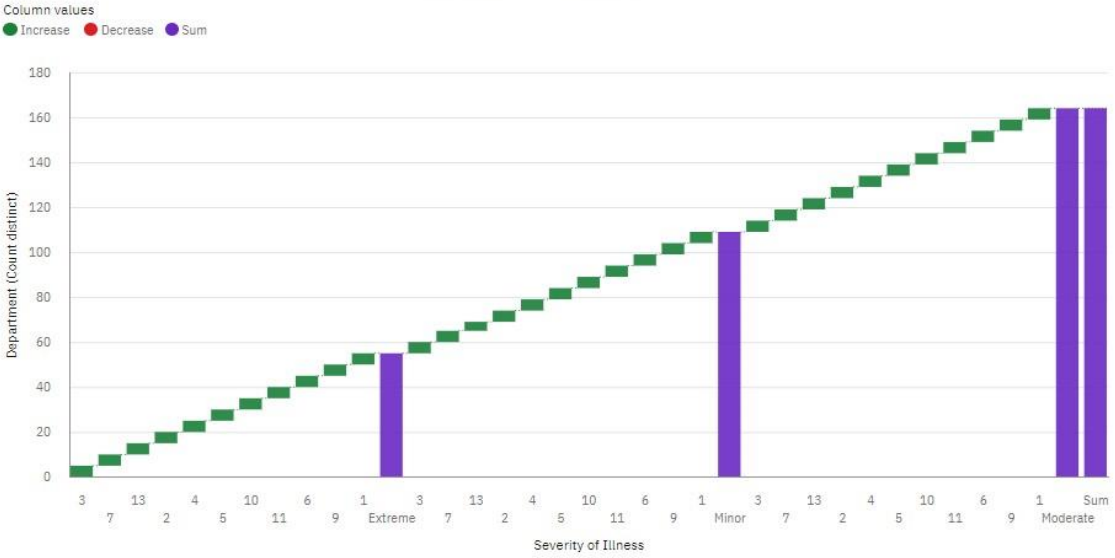# TEAM ID : PNT2022TMID04905

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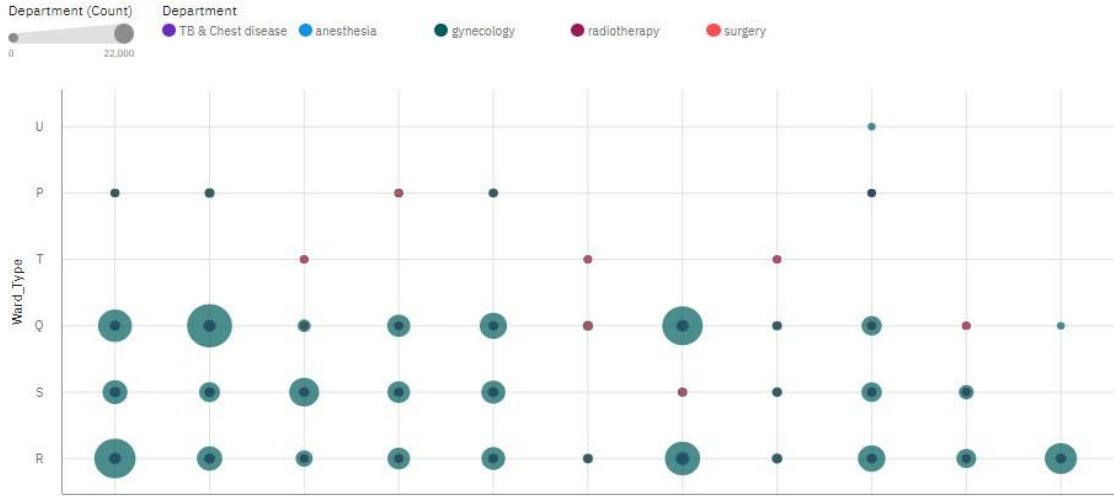
- ❑ **Department for Severity of Illness**
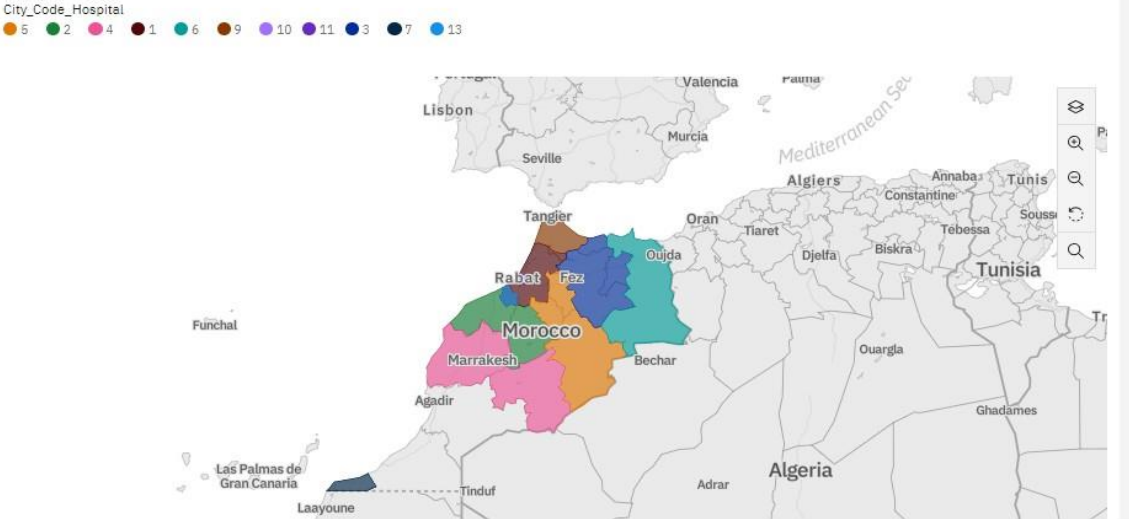
Available Extra Rooms in Hospital by Department

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

Department for Severity of Illness

Column values
- Increase
- Decrease
- Sum

City Code Hospital and Ward Type with Department

Department (Count)
0   22,000

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

City Code Hospital for City Code Hospital regions

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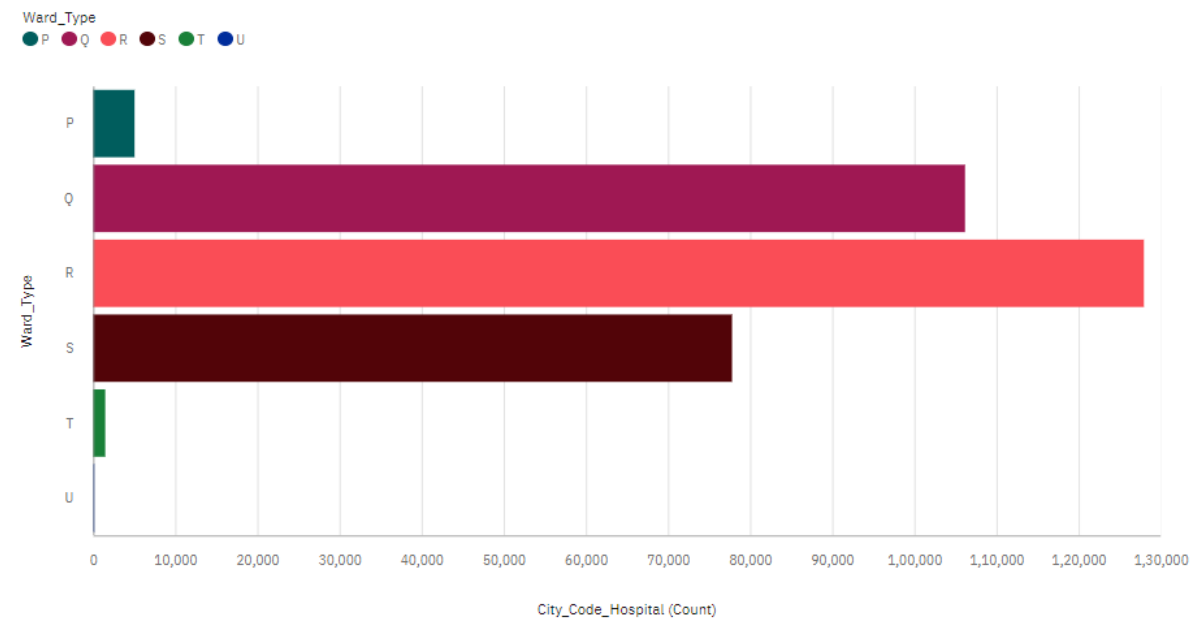- 3
- 7
- 13

TAB - 2

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

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

- ❏ **Ward type by Department**

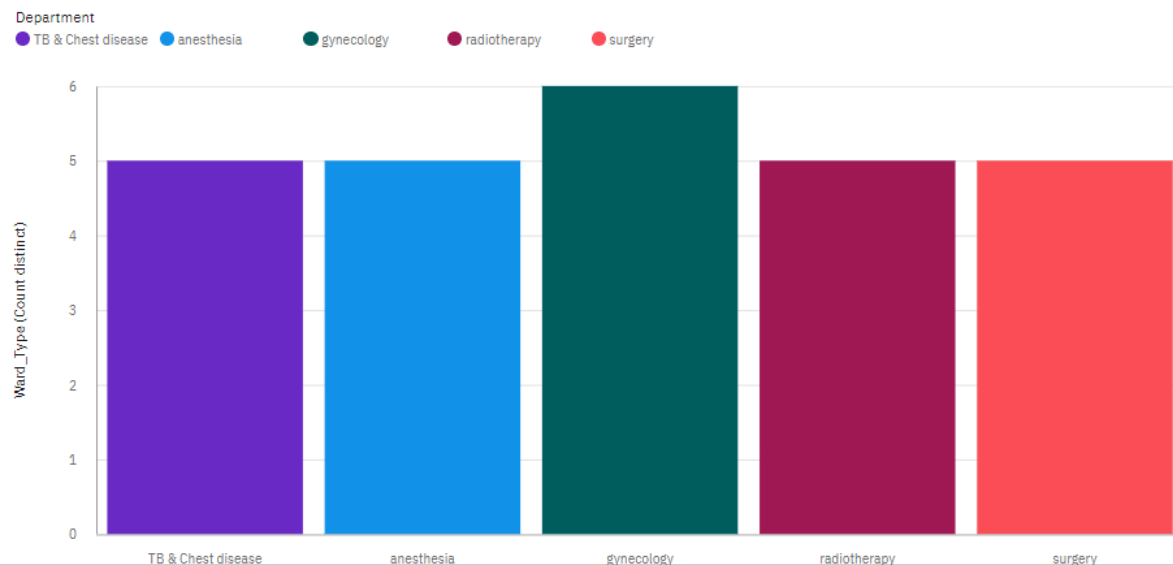- ❏ **Department for Department and Ward Types**

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

(horizontal bar chart with Ward_Type on Y-axis: P, Q, R, S, T, U; X-axis City_Code_Hospital (Count): 0 to 1,30,000)

Ward type by Department

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

(bar chart, Y-axis Ward_Type (Count distinct) 0 to 6; X-axis: TB & Chest disease, anesthesia, gynecology, radiotherapy, surgery)

Department for Department and Ward Type

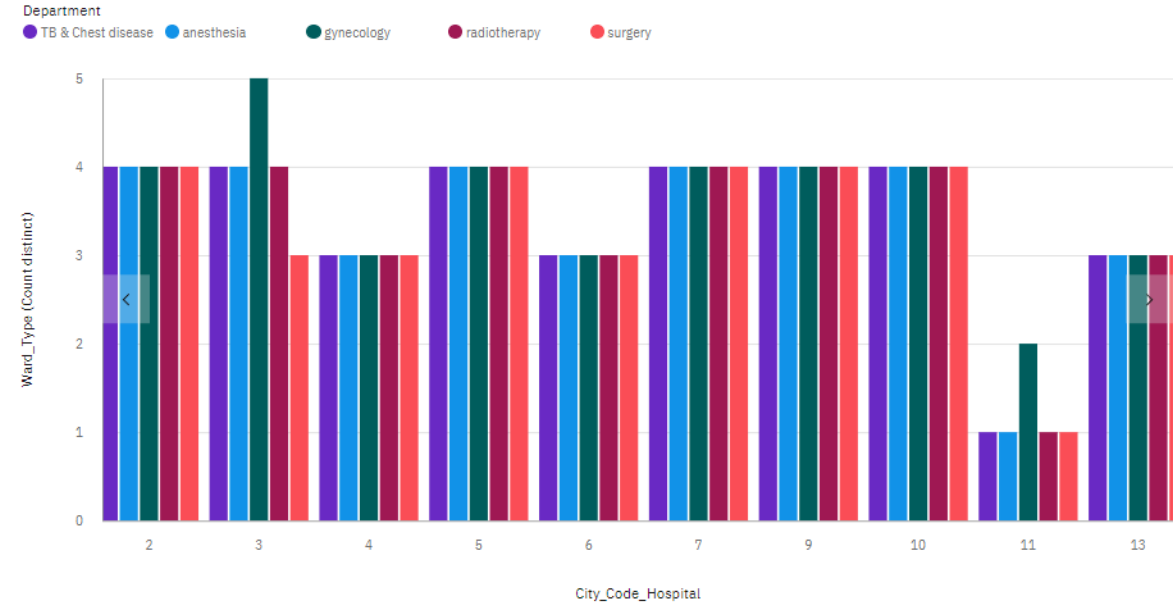| Department	TB & Chest disease	anesthesia	gynecology	radiotherapy	surgery	Summary
P	165	351	4,078	432	20	5,046
Q	2,830	8,979	85,191	8,796	369	1,06,165
R	3,886	12,636	99,730	11,282	413	1,27,947
S	2,651	7,556	59,315	7,877	395	77,794
T	54	127	1,163	129	4	1,477
U	(no value)	(no value)	9	(no value)	(no value)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

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

Analytics   Filters

Edit

Ward Type by City Code Hospital

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

Ward_Type (Count distinct)

City_Code_Hospital

Admission Deposit

667M

Admission_Deposit

City Code Hospital by Department

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

City_Code_Hospital (Count distinct)

TB & Chest disease   anesthesia   gynecology   radiotherapy   surgery

Bed Grade by Department

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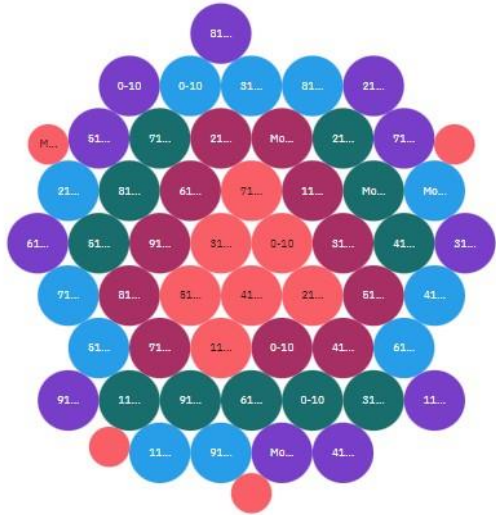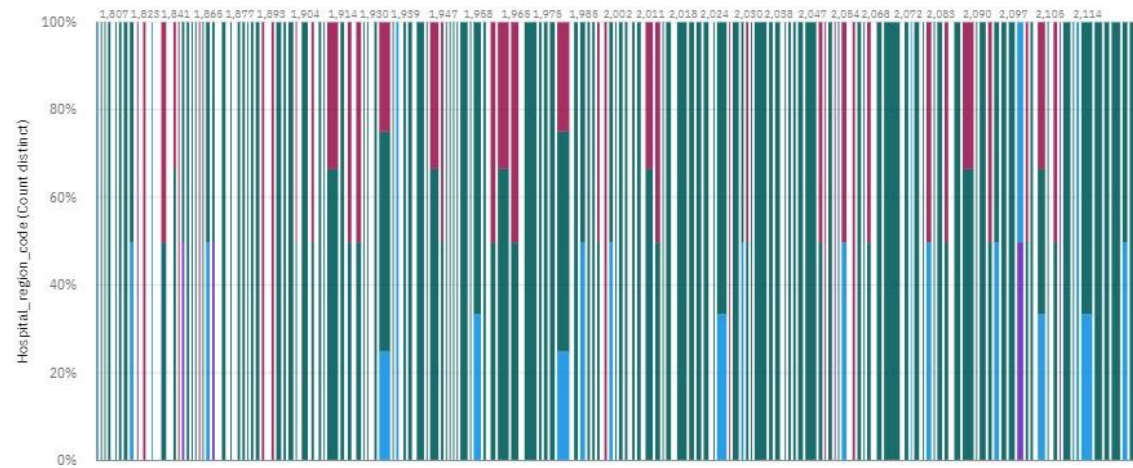- gynecology

74,315

89,296

6,43,266
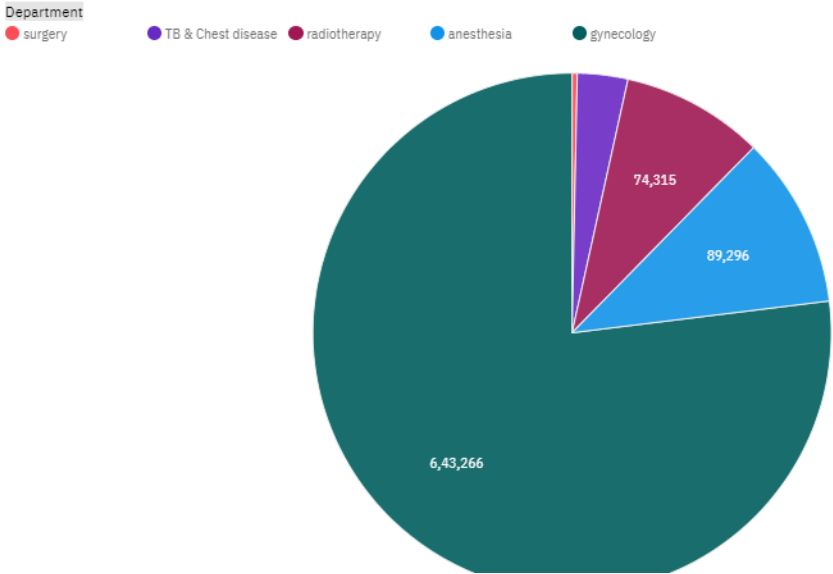
TAB - 4

- ❏ **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**
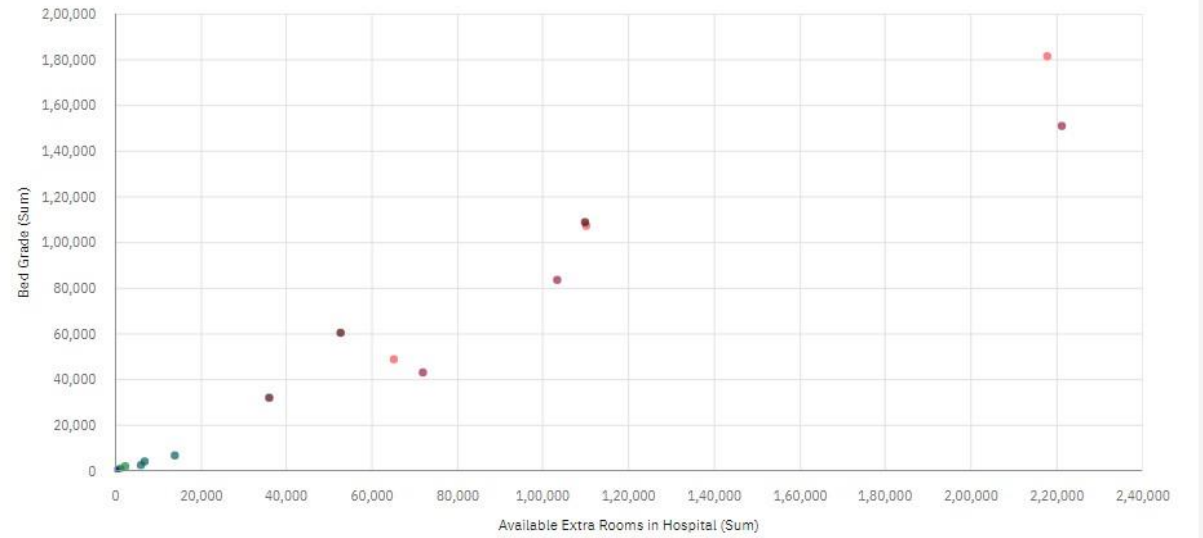
- ❏ **Department by Hospital region code**

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)

Available Extra Rooms in Hospital (Sum)

Hospital region code and Bed Grade for Admission Deposit

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

Hospital_region_code (Count distinct)

Department by Hospital region code

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

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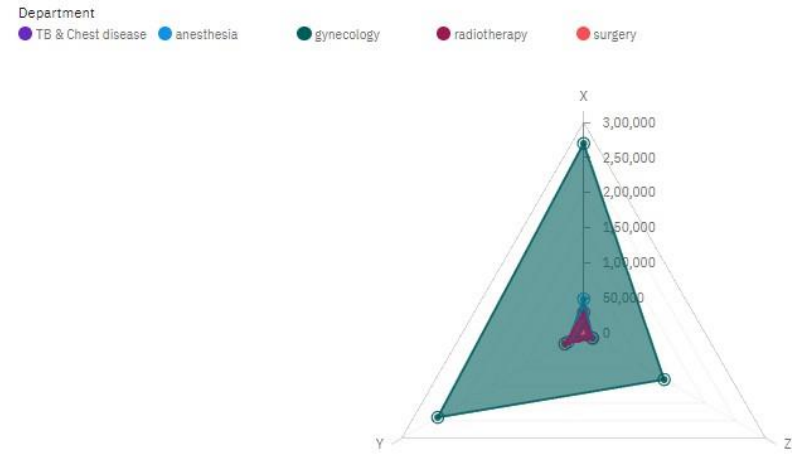Department (Count):   28,516

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

Bed Grade by Hospital region code

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

Admission Deposit compared to Type of Admission

Admission_Deposit: 　　1.55B

1.55B ↑

Admission_Deposit

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

Type of Admission

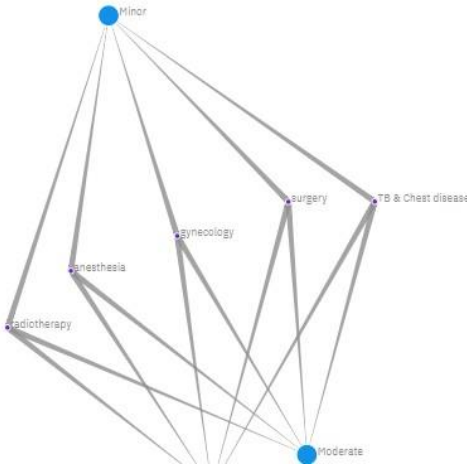## Department colored by Department sized by Available Extra Rooms in Hospital

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

3,679 　　8,15,278

From 　　To
⬤ Department 　⬤ Severity of Illness

Hospital type code to City Code Hospital

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