

Project Development Phase

Delivery of Sprint-3

Date	9 NOV 2022
Team ID	PNT2022TMID39763
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

An isometric illustration of a laptop, a smartphone, and a tablet. The laptop is open, showing a screen with a bar chart and a line graph. The smartphone is lying flat next to the laptop, and the tablet is standing upright next to the laptop. There are several glowing blue lines representing data or connectivity between the devices. The background is a dark blue gradient with a subtle grid pattern.

ANALYTICS FOR HOSPITAL'S HEALTH-CARE DATA

PROJECT CONTRIBUTORS

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TEAM ID :PNT2022TMID39763

Dashboard Creation

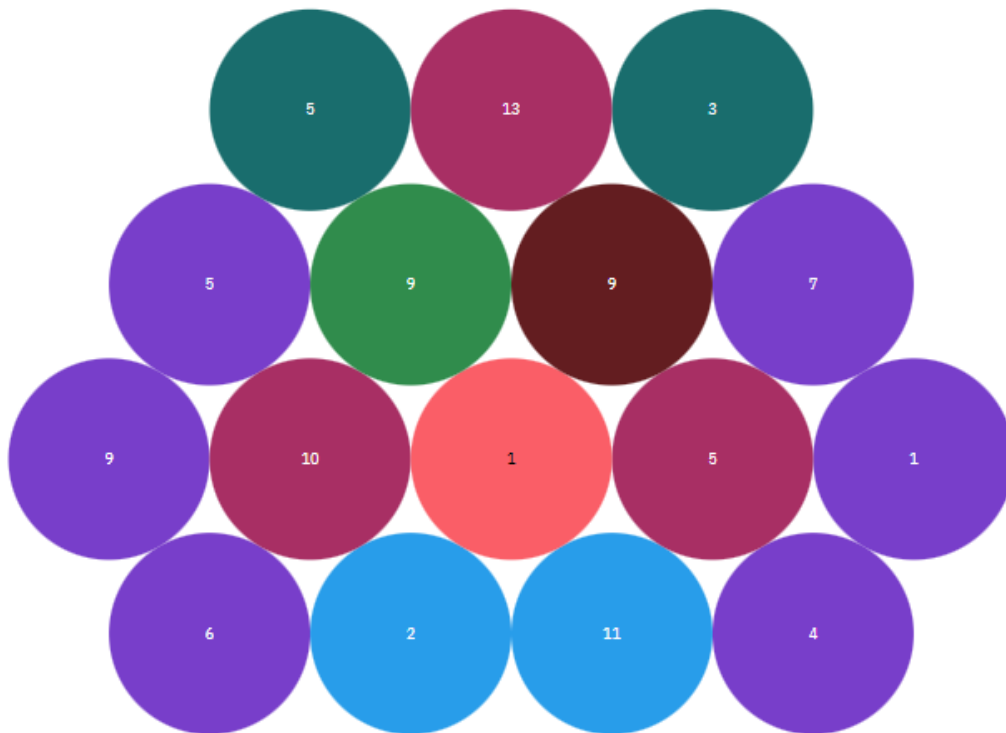
TAB-1

- ☐ **City_Code_Hospital colored by Hospital_type_code**
- ☐ **Available Extra Rooms in Hospital by Department**

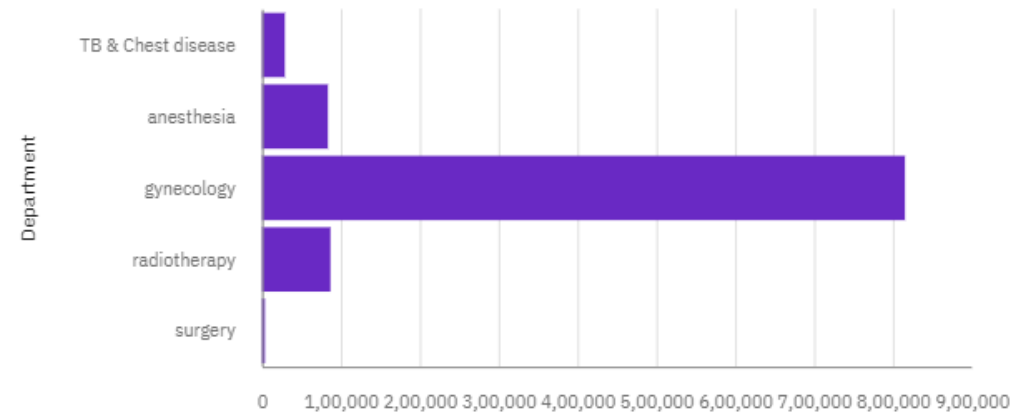
City_Code_Hospital colored by Hospital_type_code

Hospital_type_code

● a
 ● b
 ● c
 ● d
 ● e
 ● f
 ● g



Available Extra Rooms in Hospital by Department



Department

Department
TB & Chest disease
anesthesia
gynecology
radiotherapy
surgery

TAB - 2

- ☐ **Department, Ward_Type and Ward_Facility_Code**
- ☐ **City_Code_Hospital for Hospital_region_code**

Tab 1 Tab 2 Tab 3 Tab 4 Tab 5 +

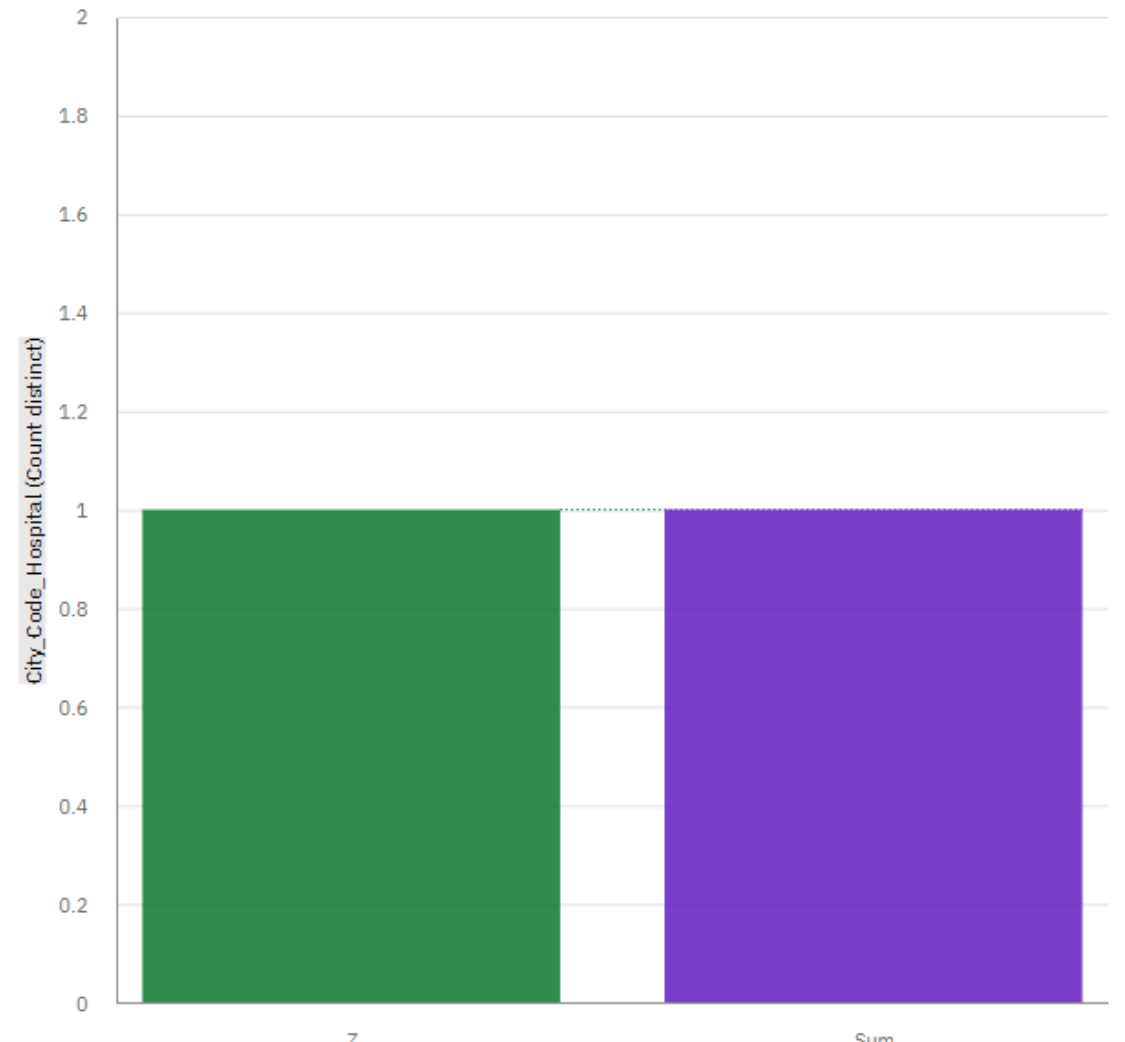
Department, Ward_Type and Ward_Facility_Code

Ward_Type	Ward_Facility_Code	Department
P	A	TB & Chest disease
		anesthesia
		gynecology
		radiotherapy
	C	TB & Chest disease
		anesthesia
		gynecology
		radiotherapy
		surgery
	D	TB & Chest disease
		anesthesia
		gynecology
		radiotherapy
		surgery
	E	TB & Chest disease
		anesthesia
		gynecology
		radiotherapy
		surgery

City_Code_Hospital for Hospital_region_code

Column values

● Increase
● Decrease
● Sum



TAB - 3

☐ **Severity of Illness by Severity of Illness**

☐ **Admission_Deposit by Age**



Edit



Analytics

Filters

Fields

Properties



Tab 1

Tab 2

Tab 3

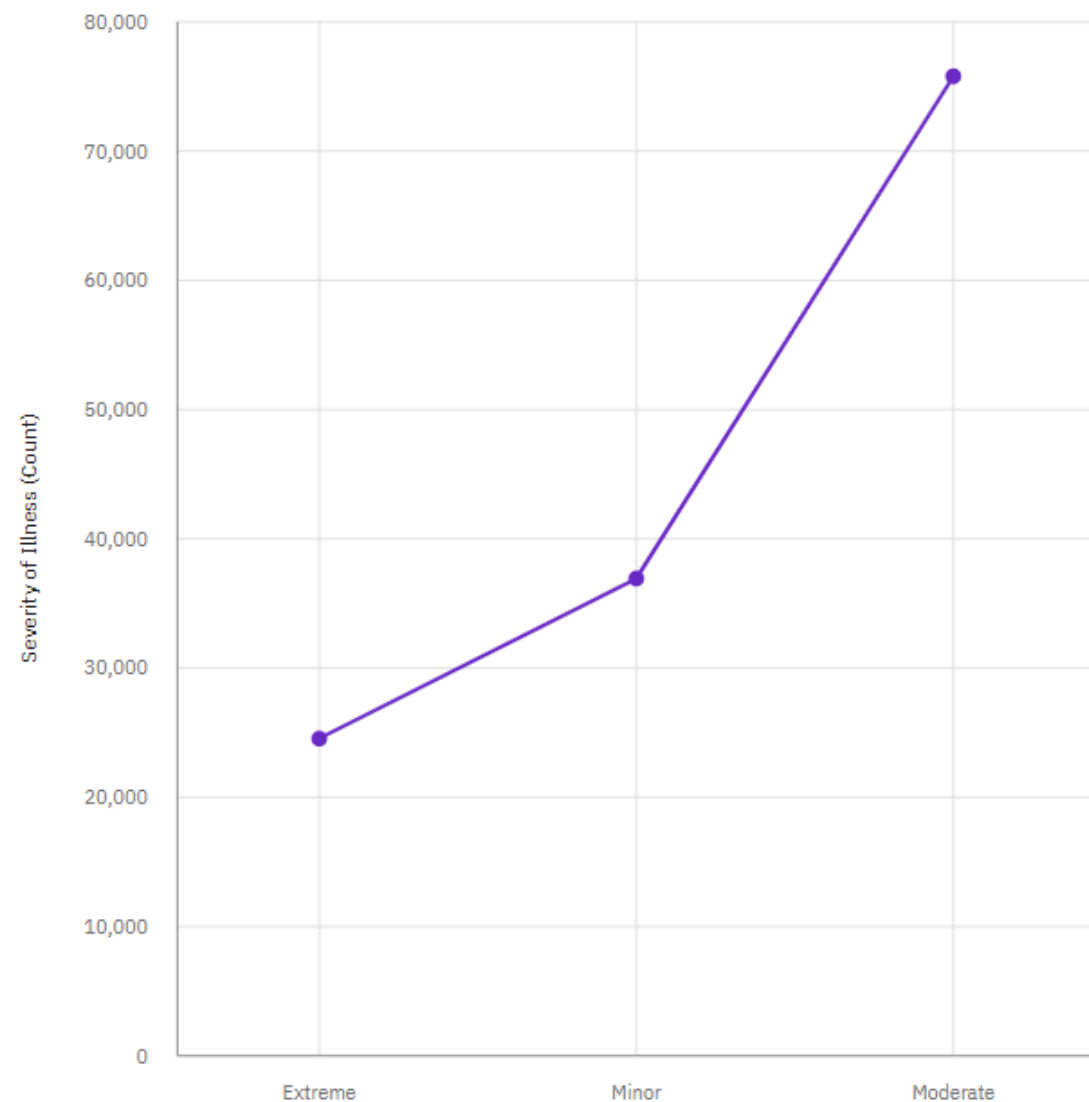
Tab 4

Tab 5

+



Severity of Illness by Severity of Illness



Admission_Deposit by Age



Age

91-100

0-10

81-90

11-20

61-70

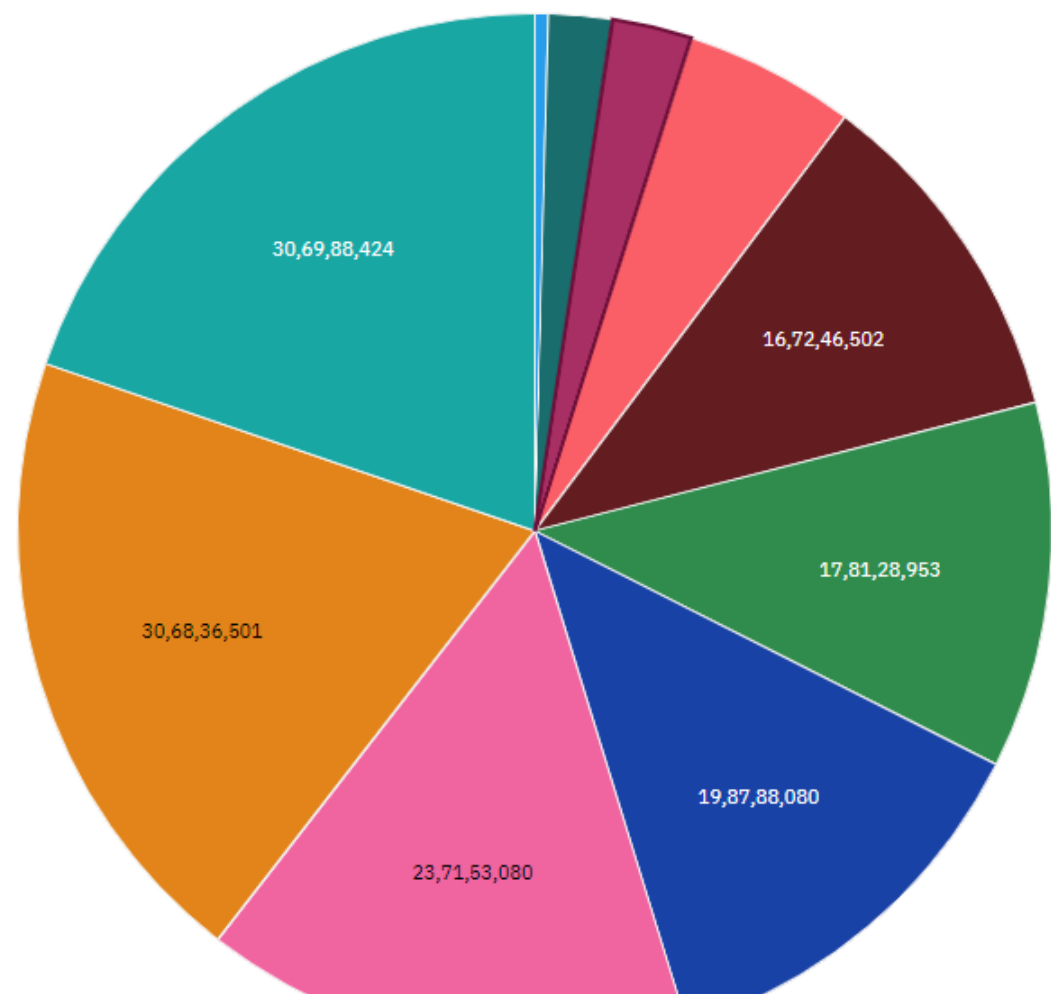
71-80

21-30

51-60

31-40

41-50



TAB - 4

☐ **Available Extra Rooms in Hospital**

☐ **Bed Grade by City_Code_Patient colored by
Department**



Edit



Analytics

Filters

Fields

Properties



Tab 1

Tab 2

Tab 3

Tab 4

Tab 5

+



Available Extra Rooms in Hospital



1.02M

Available Extra Rooms in Hospital



Bed Grade by City_Code_Patient colored by Department



Department

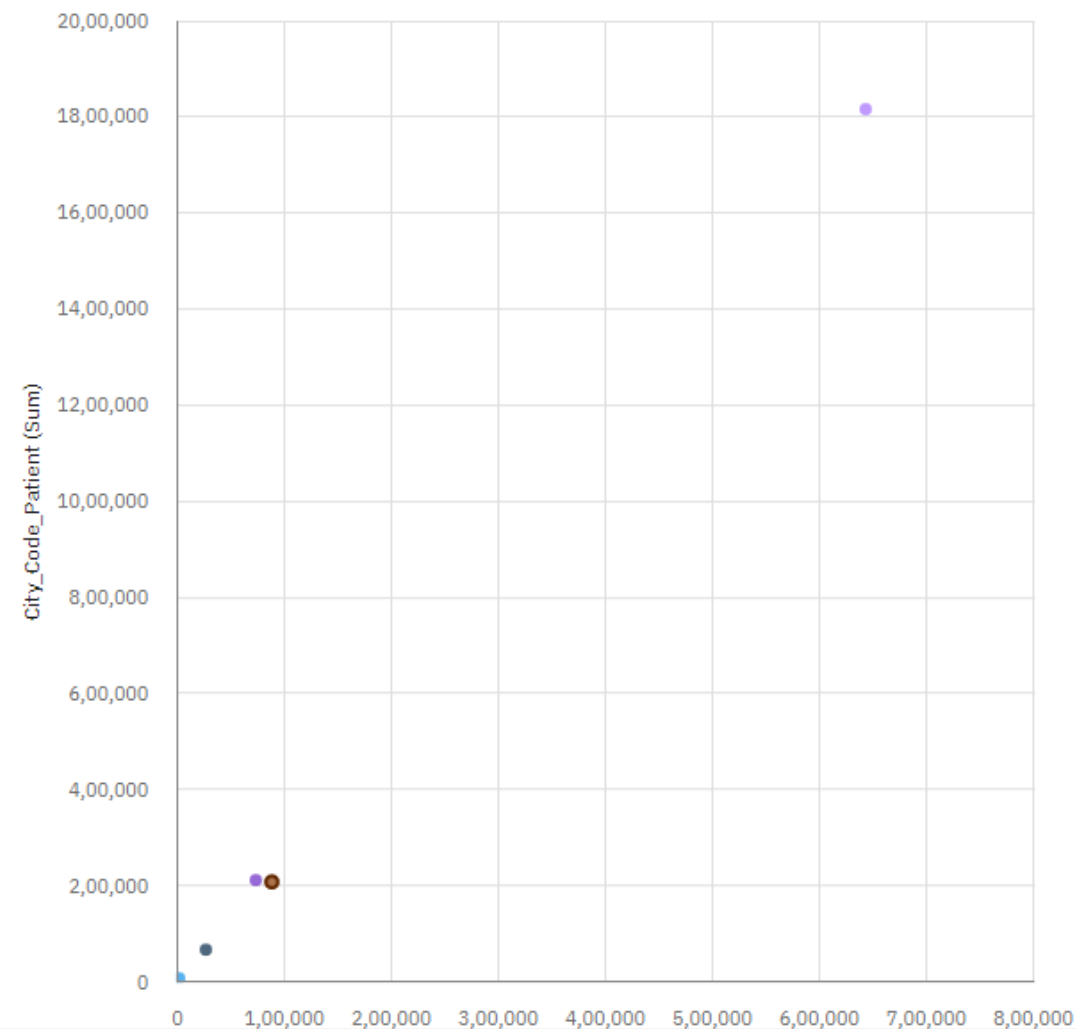
● TB & Chest disease

● anesthesia

● gynecology

● radiotherapy

● surgery



TAB - 5

☐ **Ward_Type by Department**

☐ **Severity of Illness to Age**



Edit



Analytics

Filters

Fields

Properties



Tab 1

Tab 2

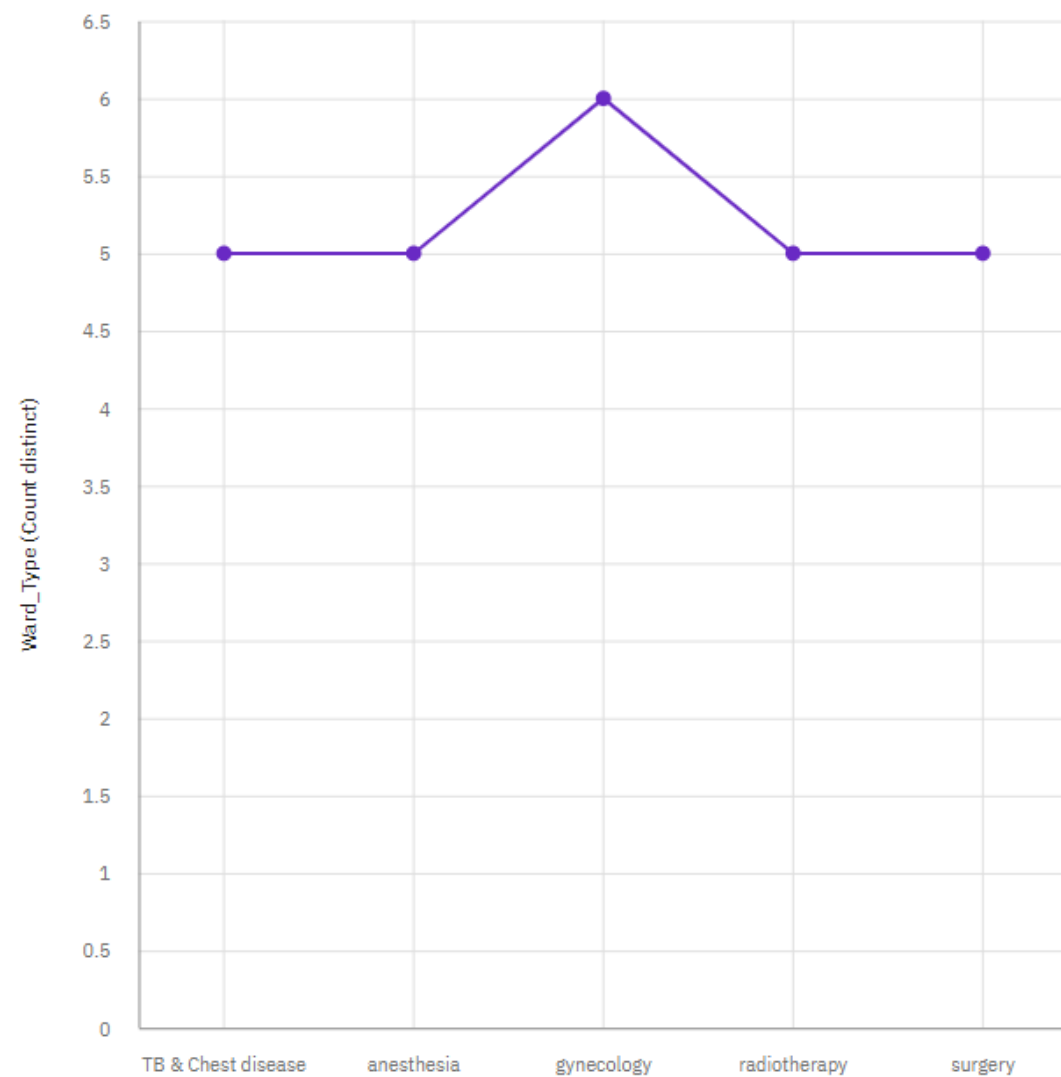
Tab 3

Tab 4

Tab 5



Ward_Type by Department



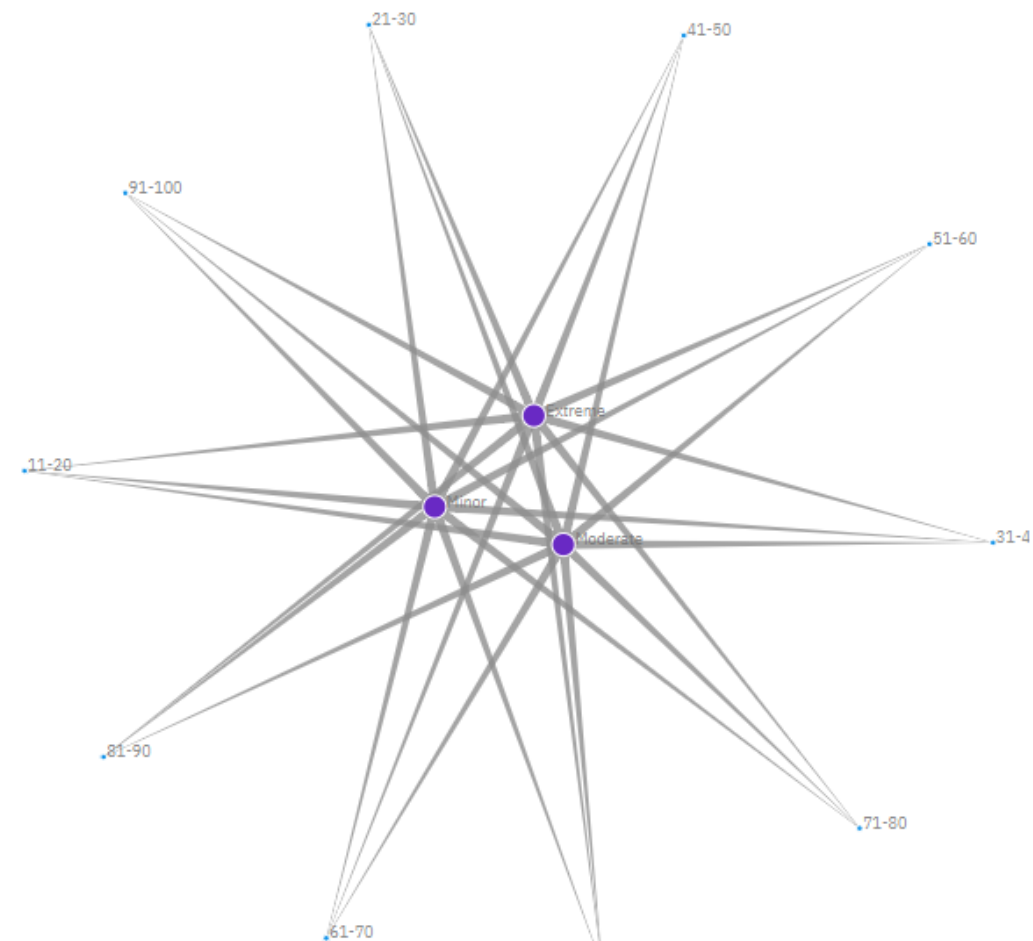
Severity of Illness to Age

From

Severity of Illness

To

Age



TAB - 6

- ☐ patientid by Department colored by Hospital_region_code**
- ☐ Ward_Type by Bed Grade**
- ☐ Department for City_Code_Hospital**
- ☐ Hospital_region_code and Ward_Type for visitors with Patient colored by City_Code_Patient**



Edit



Analytics

Filters

Fields

Properties



Tab 1

Tab 2

Tab 3

Tab 4

Tab 5

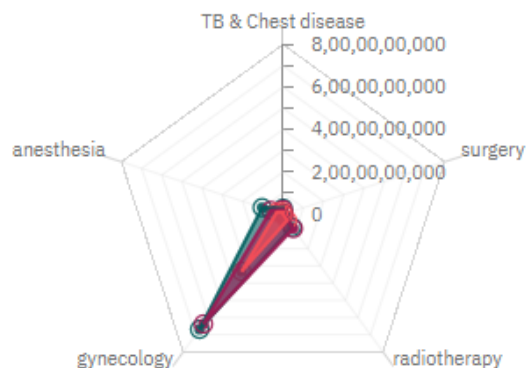
Tab 6

+

patientid by Department colored by Hospital_region_code

Hospital_region_code

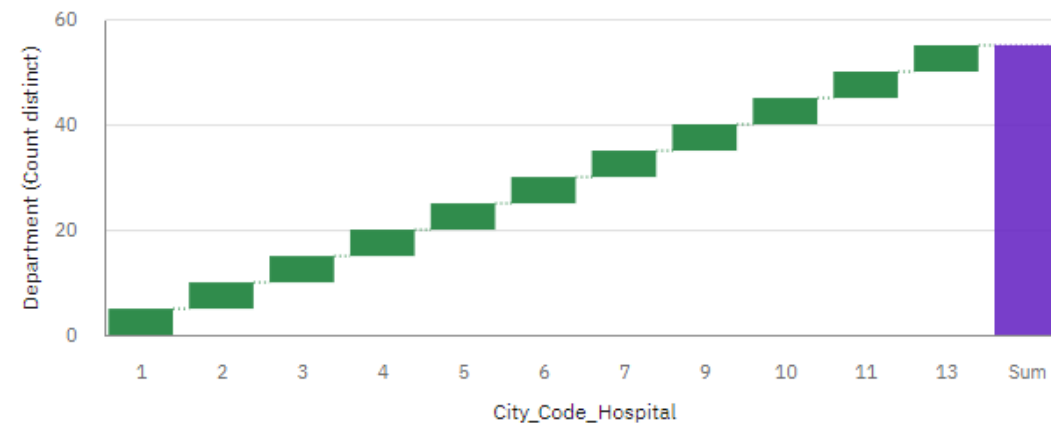
● X ● Y ● Z



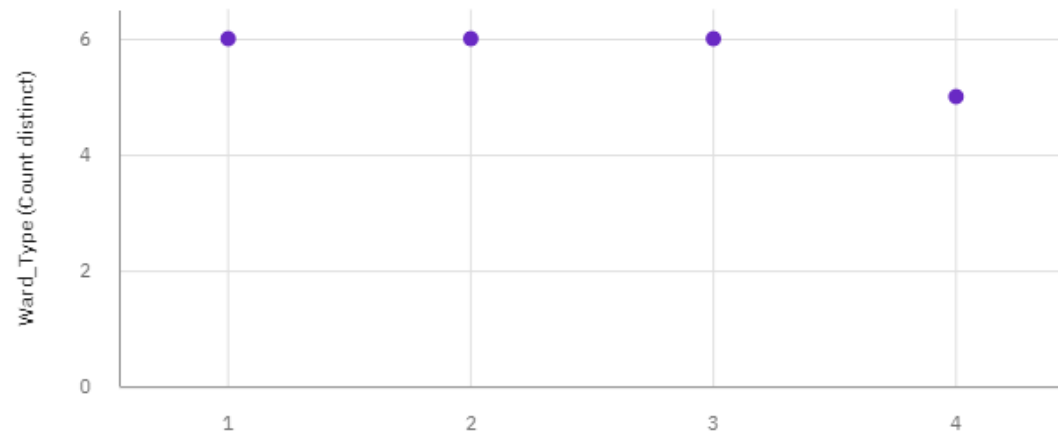
Department for City_Code_Hospital

Column values

● Increase ● Decrease ● Sum

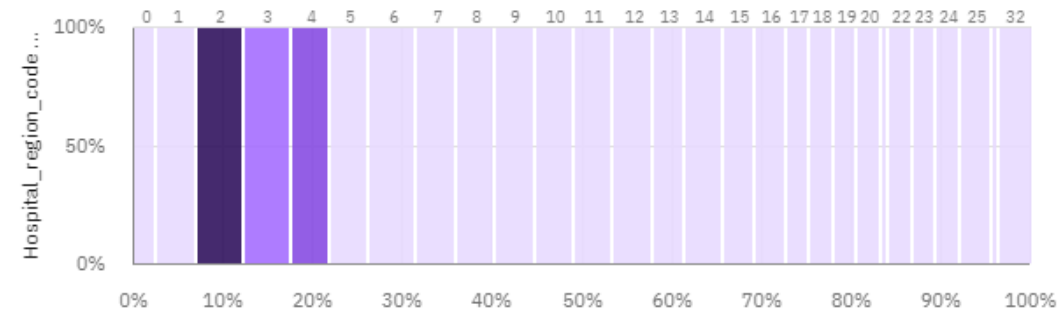


Ward_Type by Bed Grade



Hospital_region_code and Ward_Type for Visitors with Patient colored by City_Code_Patient

City_Code_Patient...



Prepared data link :

https://us1.ca.analytics.ibm.com/bi/?perspective=dashboard&pathRef=.my_folders%2Fsprint-3&action=view&mode=dashboard&subView=model00001845bf68dae_00000000

