Data Visualizations

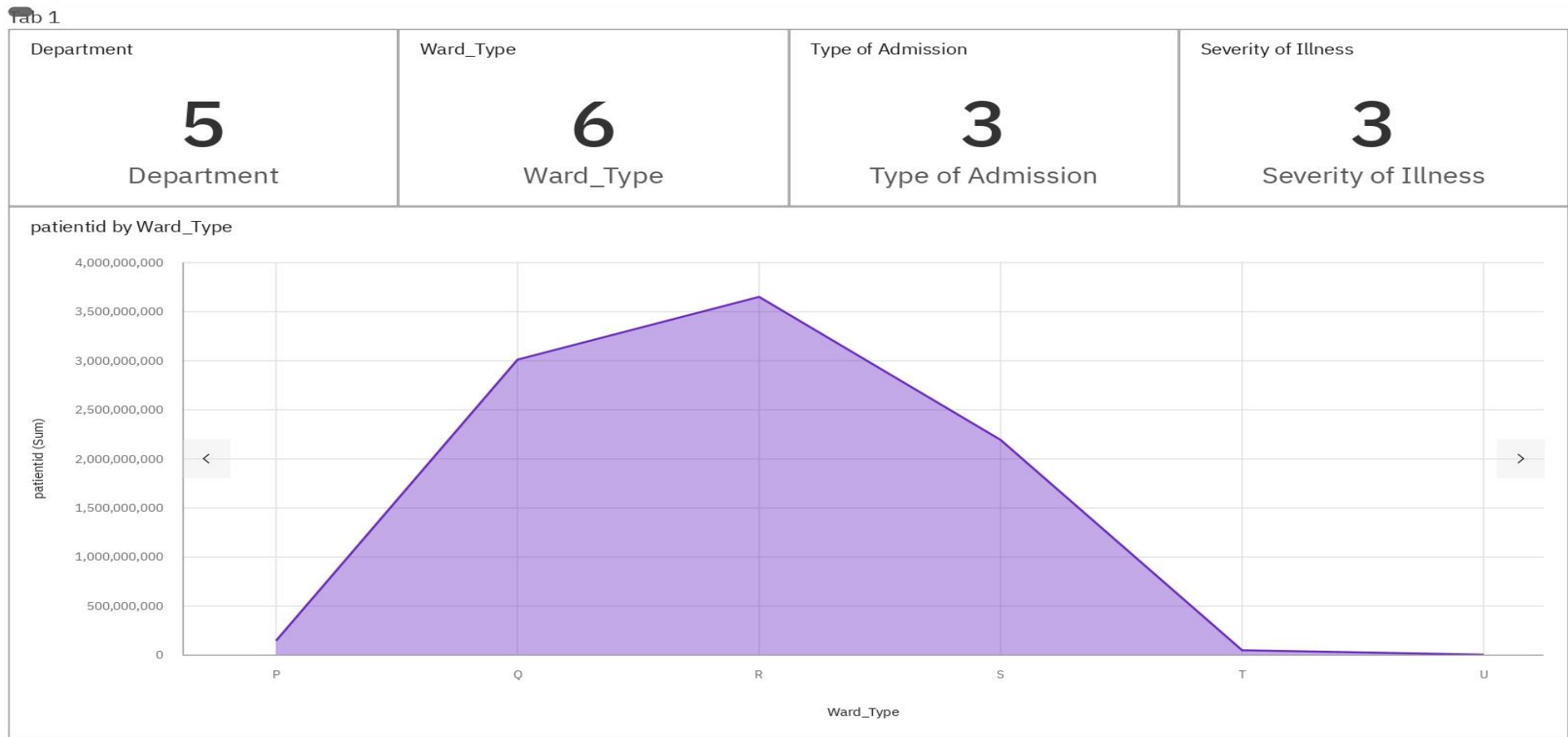| Team ID :	PNT2022TMID35028
Project Name :	Analytics for Hospital Health-Care Data

TOPICS

1) **Number Of Patients By Ward Types**

2) **Dashboard To Show Number Of Patients**

3) **Age Wise Patients With Department And Severity Filters**

4) **Dashboard With Hierarchy Bubble And Radial Visuals**

5) **Dashboard Showing Pie, Stacked Bar, Waterfall And Pie Charts**

1.Number Of Patients By Ward Types

Tab 1

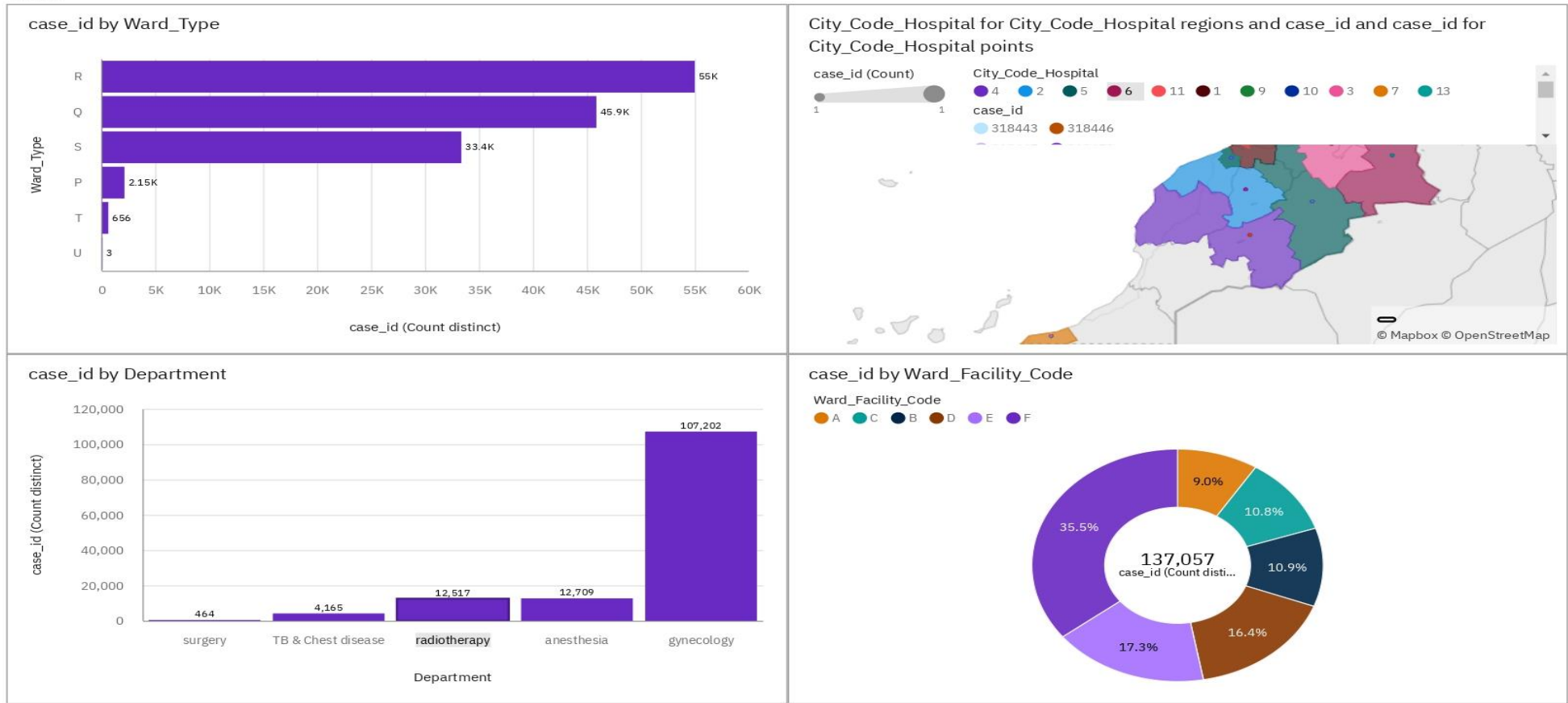| Department	Ward_Type	Type of Admission	Severity of Illness
5	**6**	**3**	**3**
Department	Ward_Type	Type of Admission	Severity of Illness

patientid by Ward_Type

2.Dashboard To Show Number Of Patients:

Tab 2

case_id by Ward_Type

City_Code_Hospital for City_Code_Hospital regions and case_id and case_id for City_Code_Hospital points

case_id by Department

case_id by Ward_Facility_Code

3.Age Wise Patients With Department And Severity Filters

4.Dashboard With Hierarchy Bubble And Radial Visuals

Data Visualizations

Tab 4

Bed Grade, Department and Ward_Type hierarchy colored by Ward_Type and sized by case_id

case_id (Count dis...

1   17,353

Ward_Type
● P ● Q ● R ● S ● T ● U

Admission_Deposit by Department

12%
radiotherapy
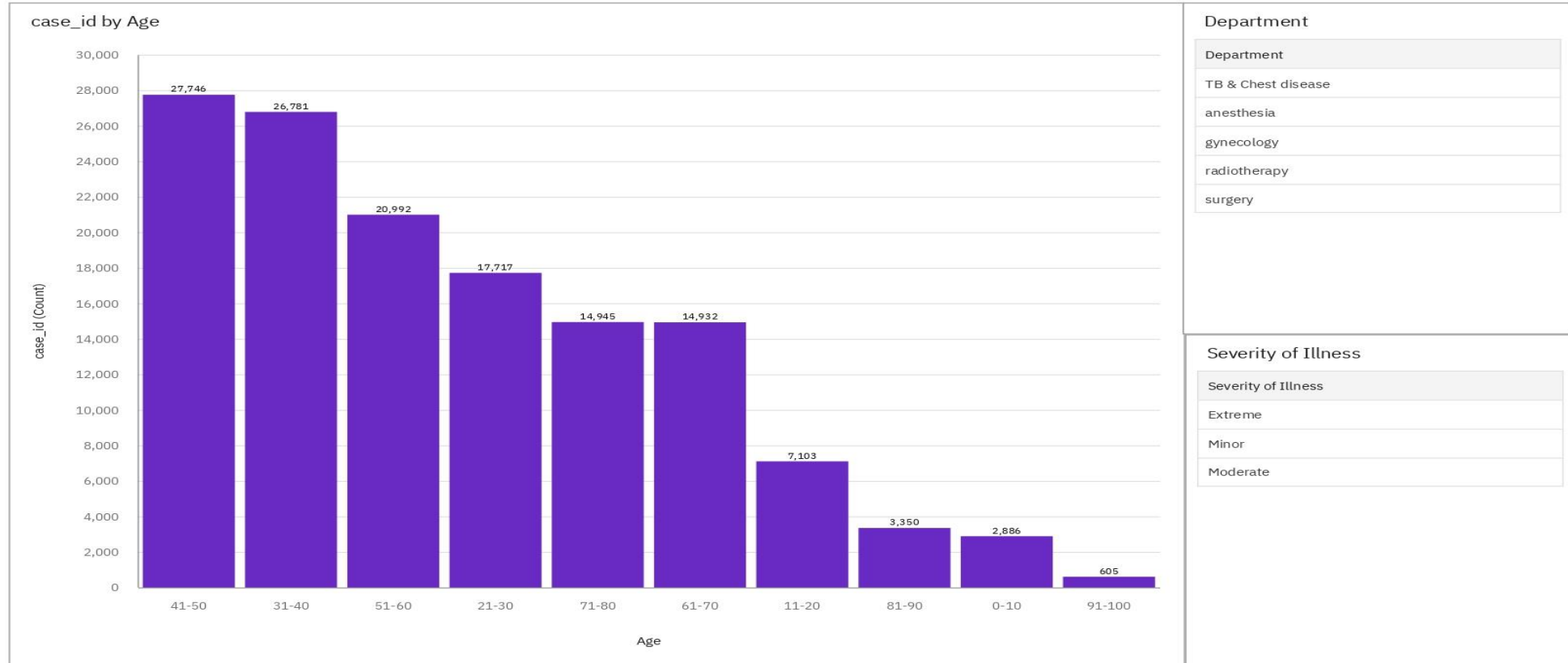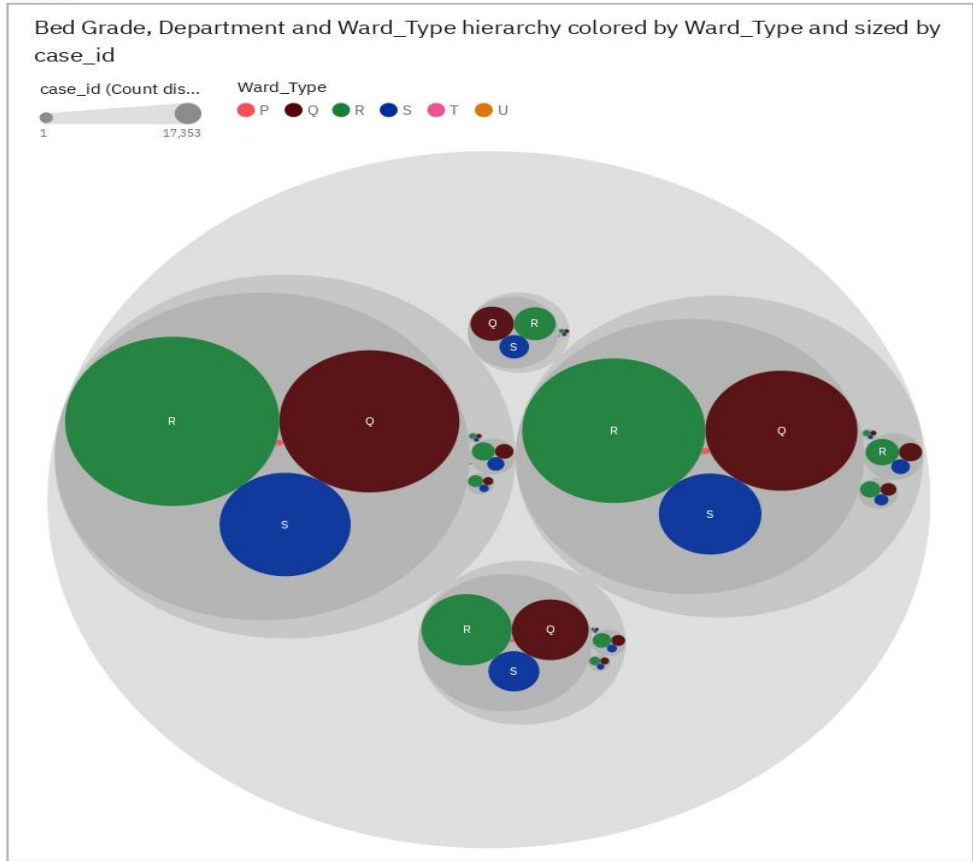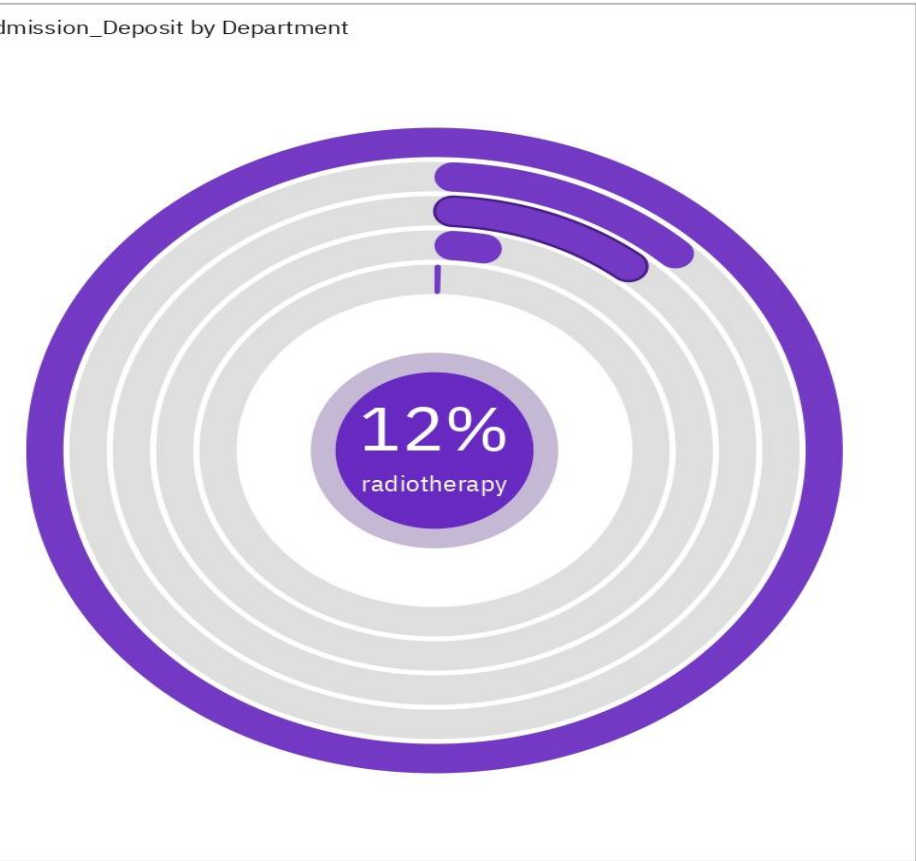
5.Dashboard Showing Pie, Stacked Bar, Waterfall And Pie Charts

Tab 5

case_id by Severity of Illness

Severity of Illness
- Extreme
- Minor
- Moderate

137,057
case_id (Count disti...

- 24,472
- 36,863
- 75,722
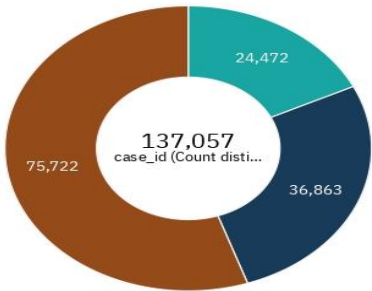
case_id by Age colored by Department

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

Age	
91-100	
0-10	2,003
81-90	2,289
11-20	5,466
61-70	1,649 — 10,821 — 1,828
71-80	1,642 — 10,445 — 2,524
21-30	1,499 — 14,340
51-60	2,060 — 16,271 — 1,746
31-40	2,104 — 22,409 — 1,603
41-50	2,546 — 22,773 — 1,598

case_id (Count distinct)
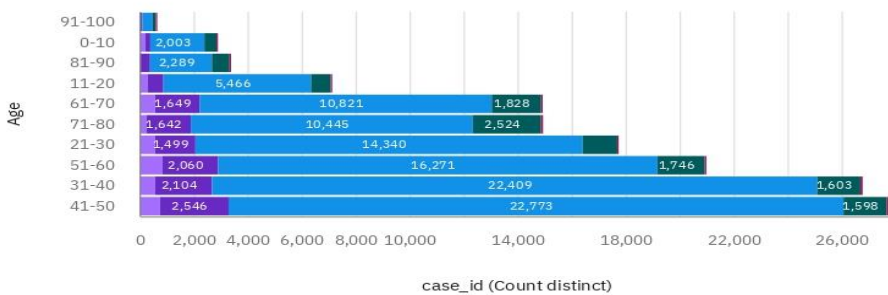
patientid for Department

Column values
- Increase
- Decrease

- 4.17K
- 12.7K
- 107K
- 12.5K
- 464

Department: TB & Chest disease, anesthesia, gynecology, radiotherapy, surgery
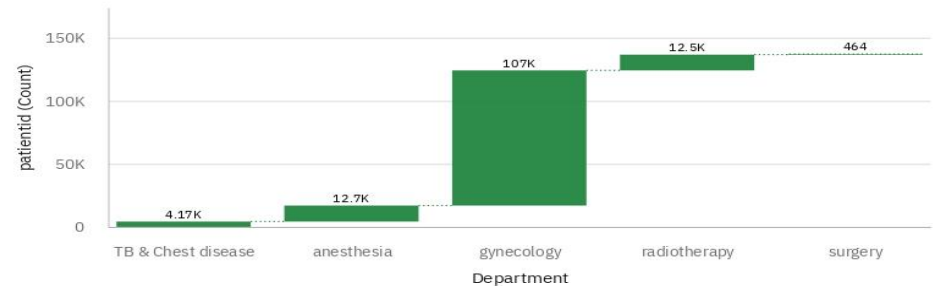
case_id by Available Extra Rooms in Hospital

Available Extra Rooms in Hospital
- 21
- 13
- 12
- 0
- 11
- 10
- 9
- 8
- 7
- 1
- 6
- 5
- 3
- 4
- 2

- 42,584
- 39,235
- 39,482
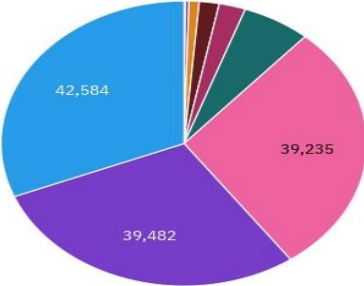
Data visualization Link:

https://us3.ca.analytics.ibm.com/bi/?perspective=dashboard&pathRef=.my_folders%2FData%2BVisualizations&action=view&mode=dashboard&subView=model0000018455805cb7_00000002