Data Visualizations

Team ID :	PNT2022TMID27917
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

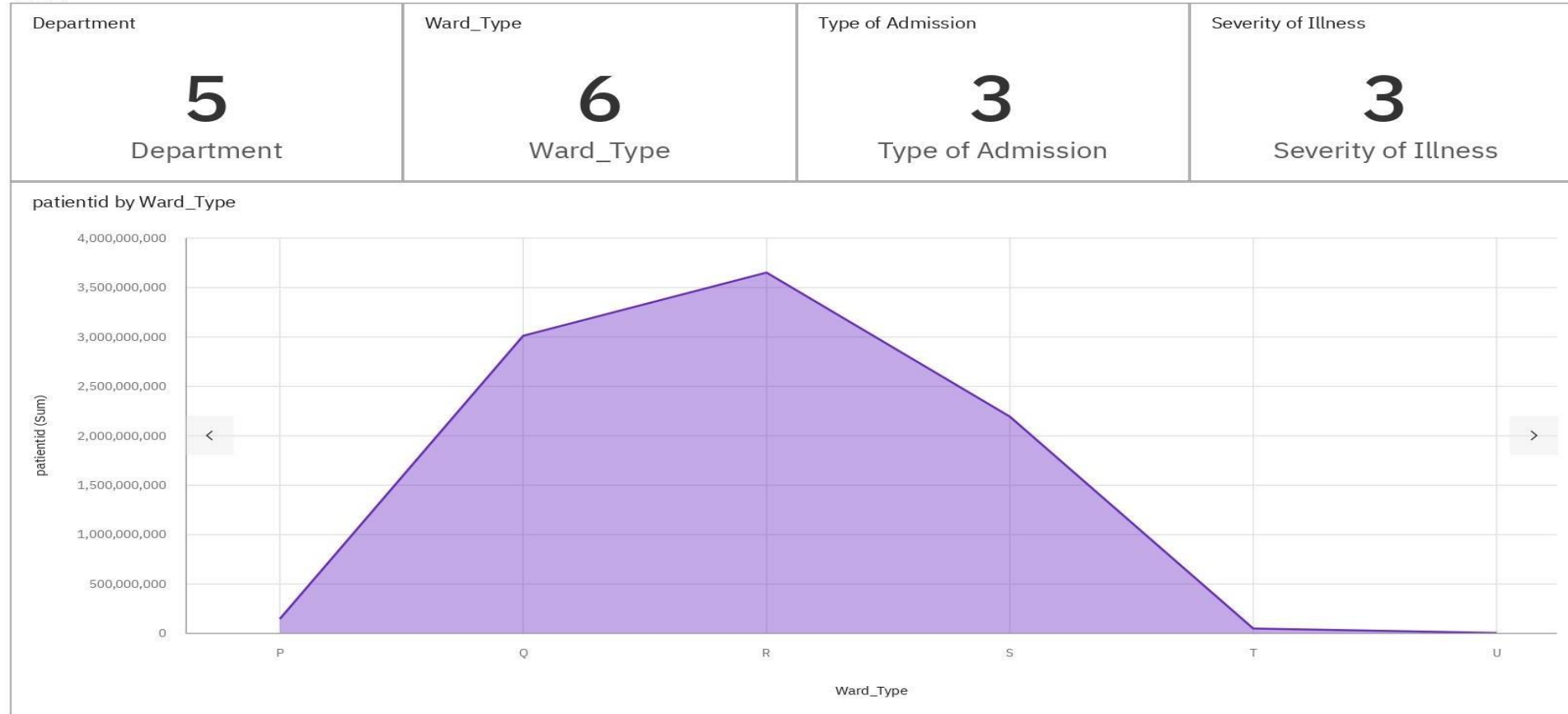5) Dashboard Showing Pie, Stacked Bar, Waterfall And Pie Charts

1. <u>Number Of Patients By Ward Types</u>

Tab 1

patientid by Ward_Type

2. Dashboard To Show Number Of Patients:

Tab 2

case_id by Ward_Type

Ward_Type	case_id (Count distinct)
R	55K
Q	45.9K
S	33.4K
P	2.15K
T	656
U	3

City_Code_Hospital for City_Code_Hospital regions and case_id and case_id for City_Code_Hospital points

case_id (Count) 1 — 1

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

case_id: 318443, 318446

© Mapbox © OpenStreetMap

case_id by Department

Department	case_id (Count distinct)
surgery	464
TB & Chest disease	4,165
radiotherapy	12,517
anesthesia	12,709
gynecology	107,202

case_id by Ward_Facility_Code

Ward_Facility_Code: A, C, B, D, E, F

137,057 case_id (Count disti...

35.5%, 9.0%, 10.8%, 10.9%, 16.4%, 17.3%
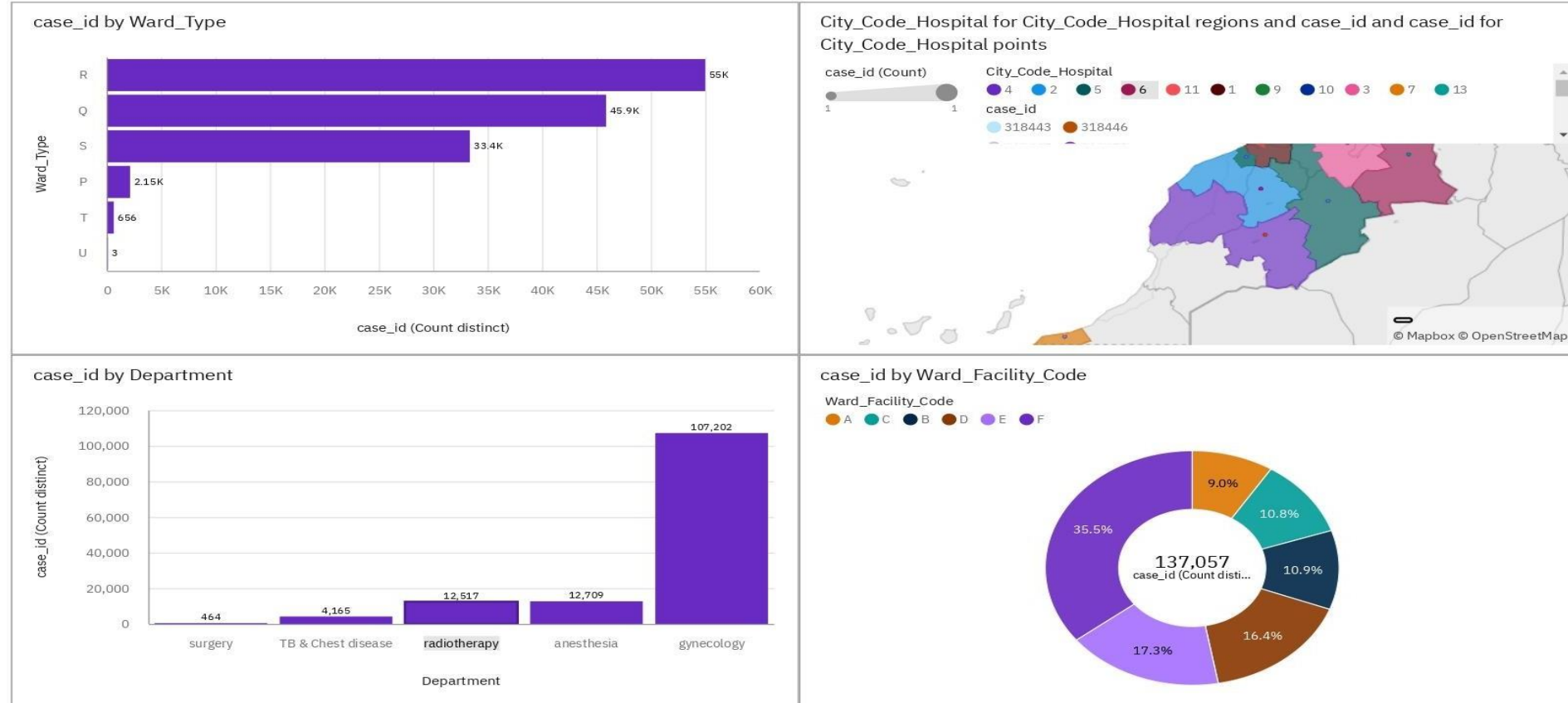
3. Age Wise Patients With Department And Severity Filters
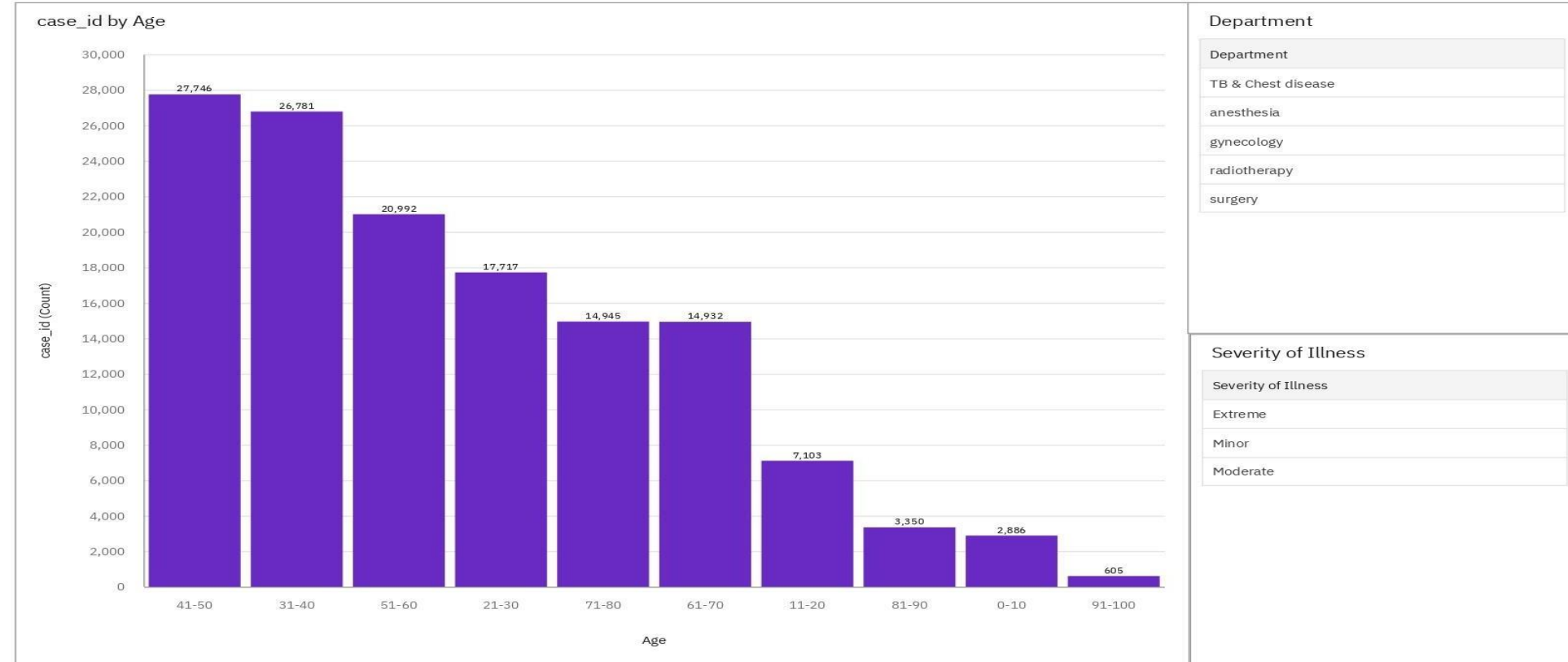
4. <u>Dashboard With Hierarchy Bubble And Radial Visuals</u>

Tab 4

Bed Grade, Department and Ward_Type hierarchy colored by Ward_Type and sized by case_id
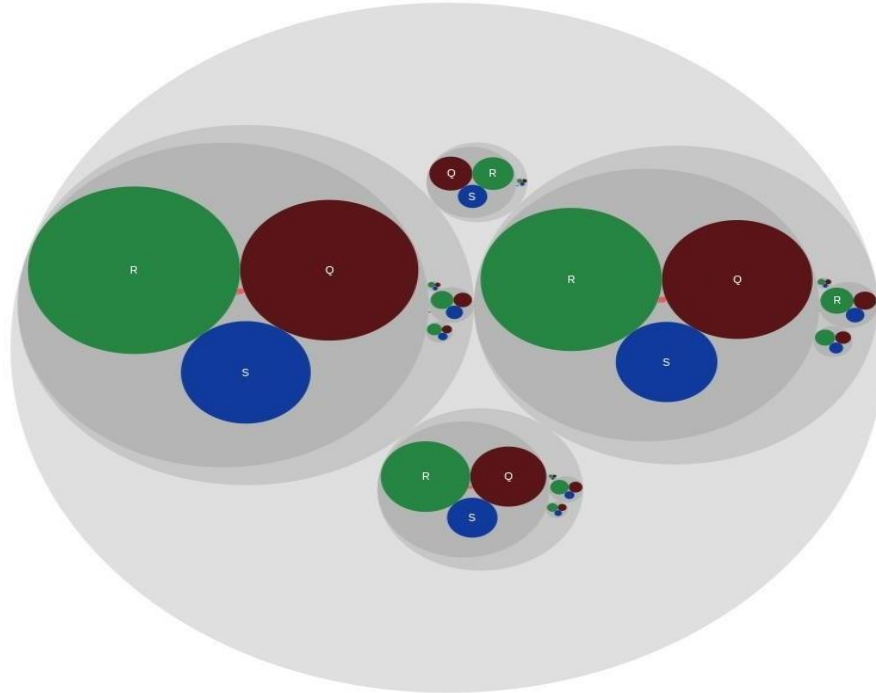
Admission_Deposit by Department
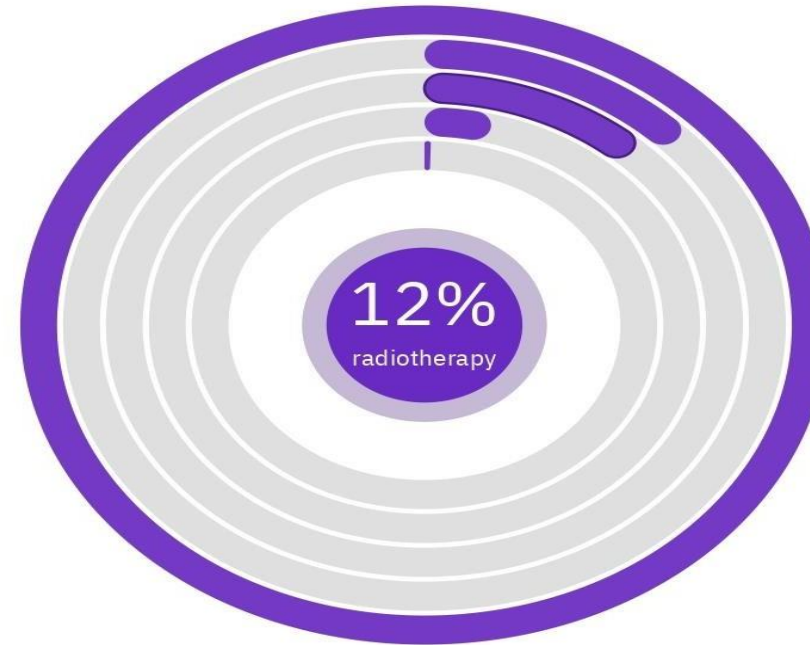
5. <u>Dashboard Showing Pie, Stacked Bar, Waterfall And Pie Charts</u>

Data Visualizations

Tab 5

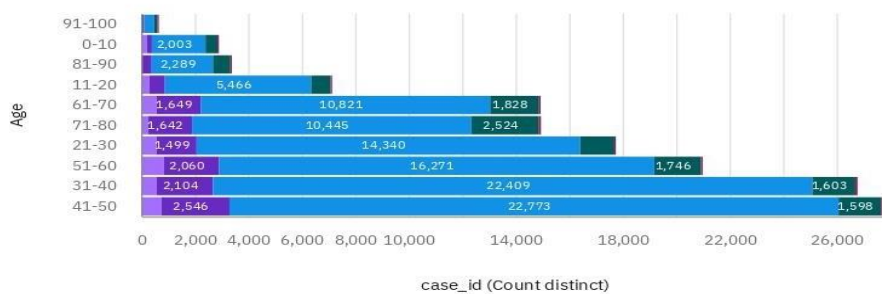## case_id by Severity of Illness

Severity of Illness
● Extreme ● Minor ● Moderate

- 24,472
- 75,722
- 137,057 case_id (Count disti...
- 36,863
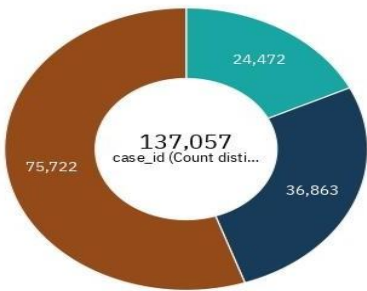
case_id by Age colored by Department

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

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
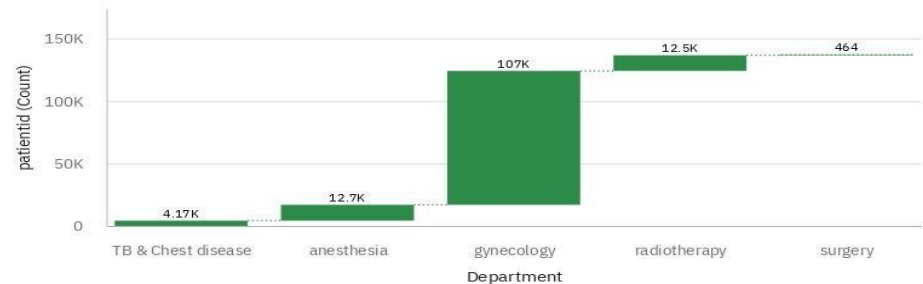
case_id by Available Extra Rooms in Hospital

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
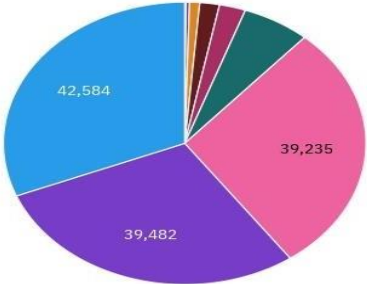
Data visualization Link:

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