Data Visualizations

Team ID :	PNT2022TMID54325
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

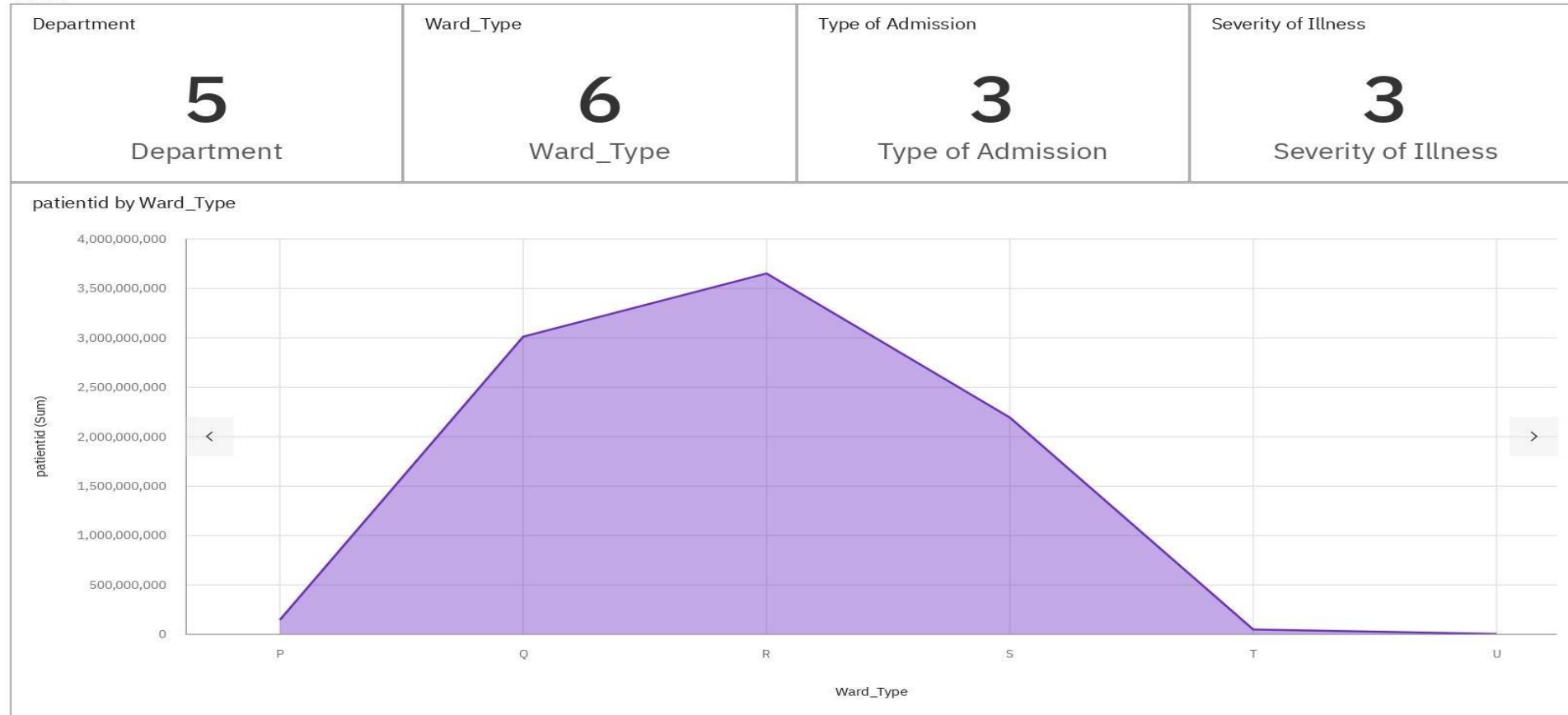5) Dashboard Showing Pie, Stacked Bar, Waterfall And Pie Charts

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

Tab 1

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

patientid by Ward_Type

2. Dashboard To Show Number Of Patients:

Data Visualizations

Tab 2

case_id by Ward_Type

R — 55K
Q — 45.9K
S — 33.4K
P — 2.15K
T — 656
U — 3

case_id (Count distinct)

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

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...)

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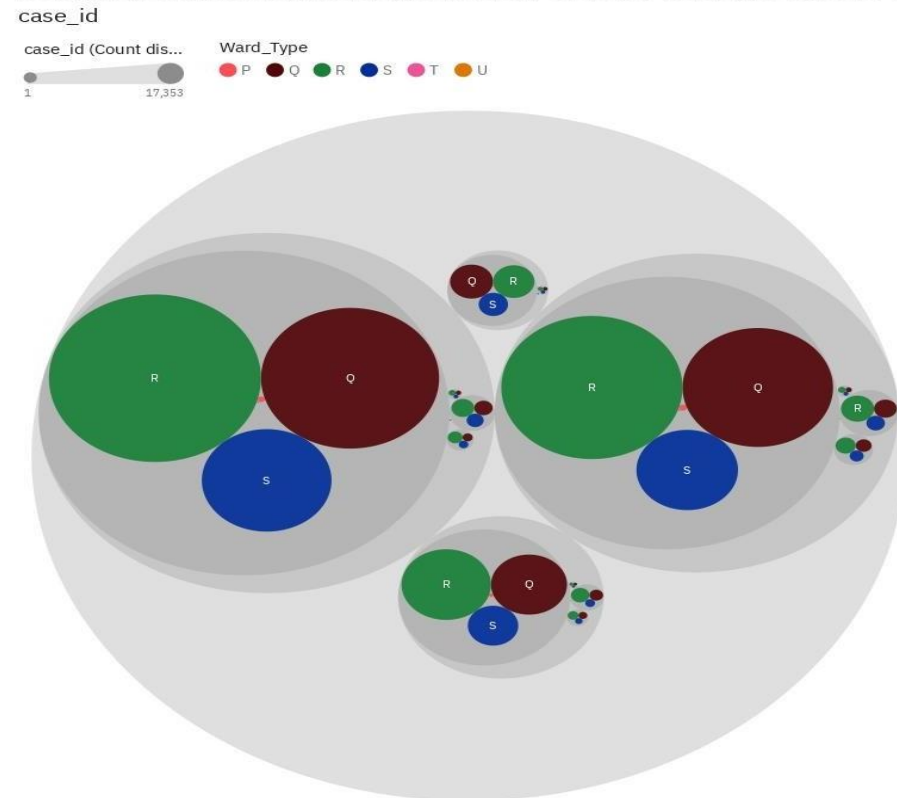35.5%
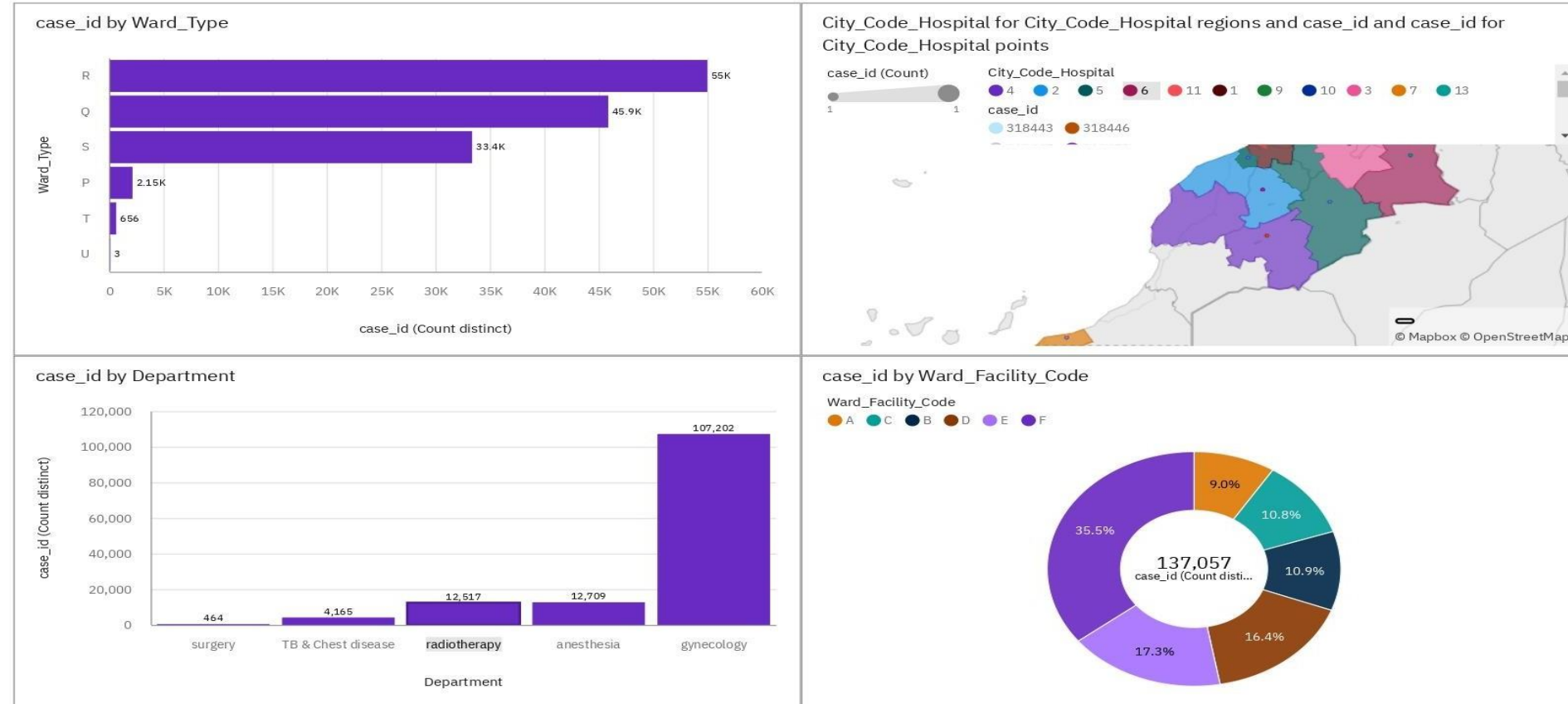
3. Age Wise Patients With Department And Severity Filters
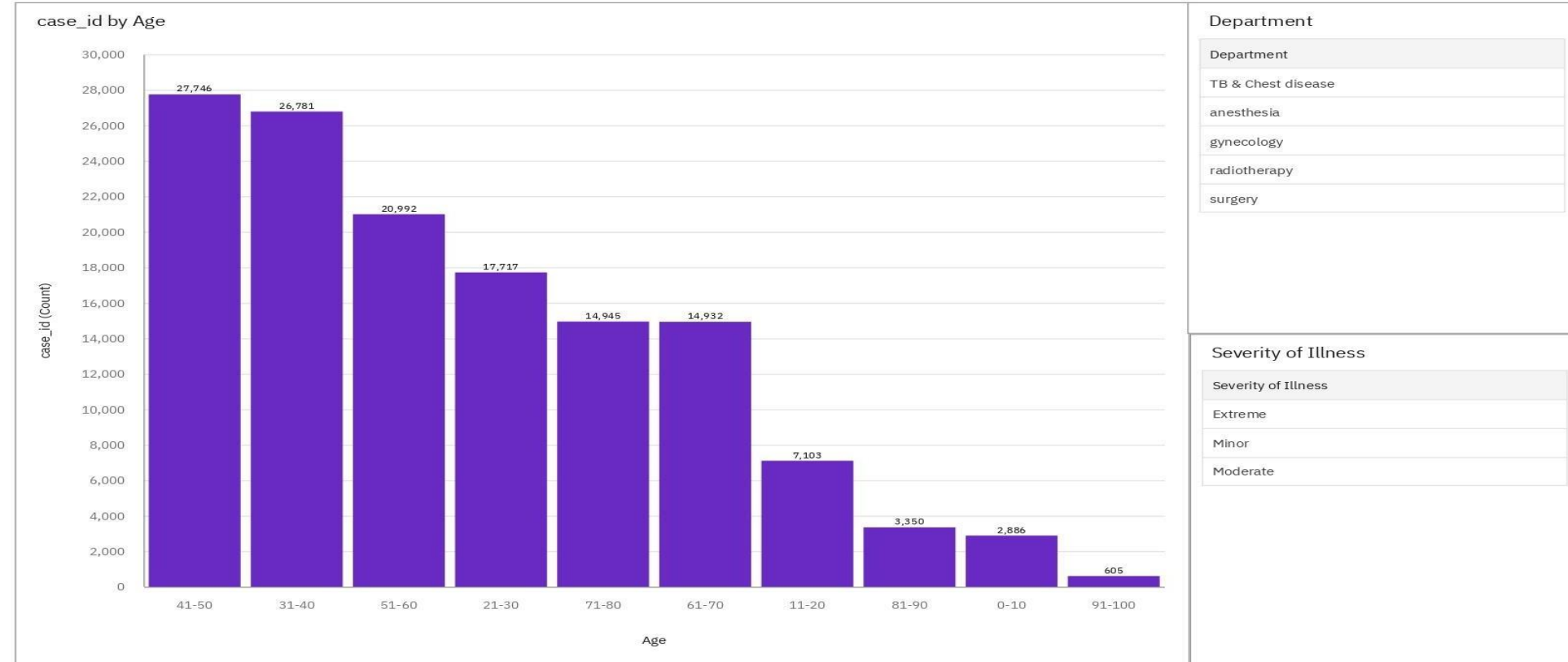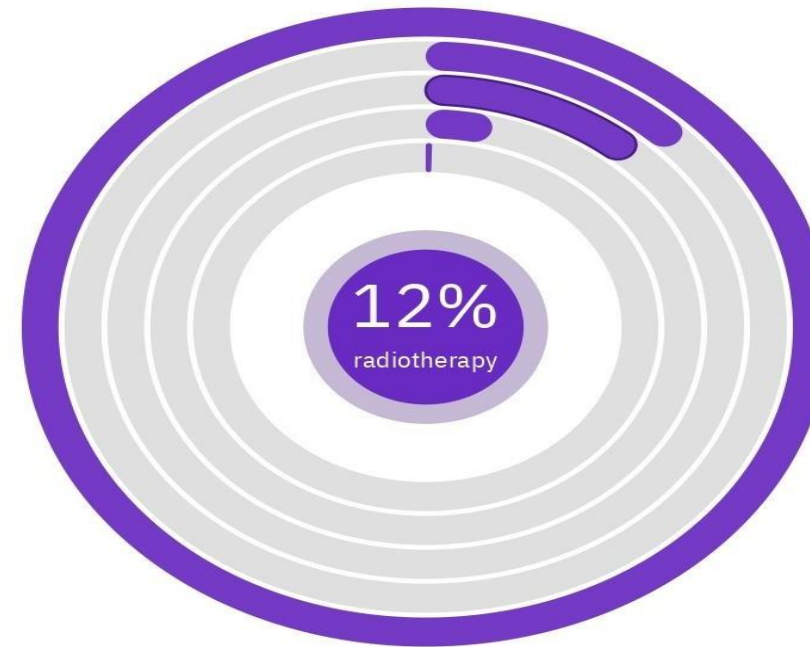
4. Dashboard With Hierarchy Bubble And Radial Visuals

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
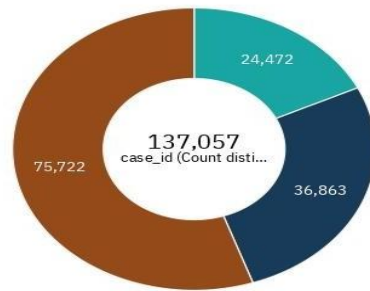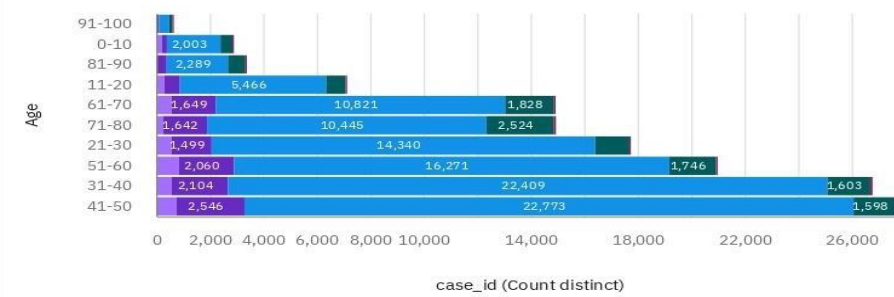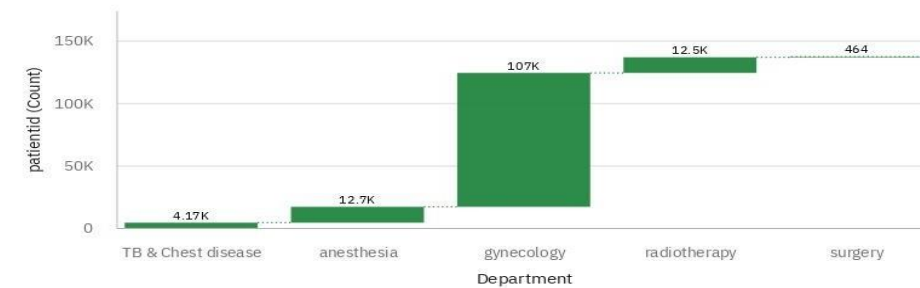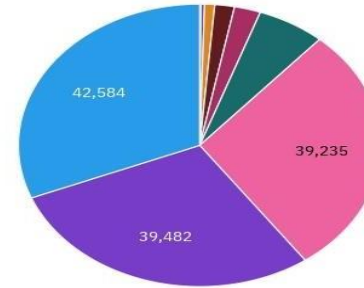
Data visualization Link:

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