Data Visualizations

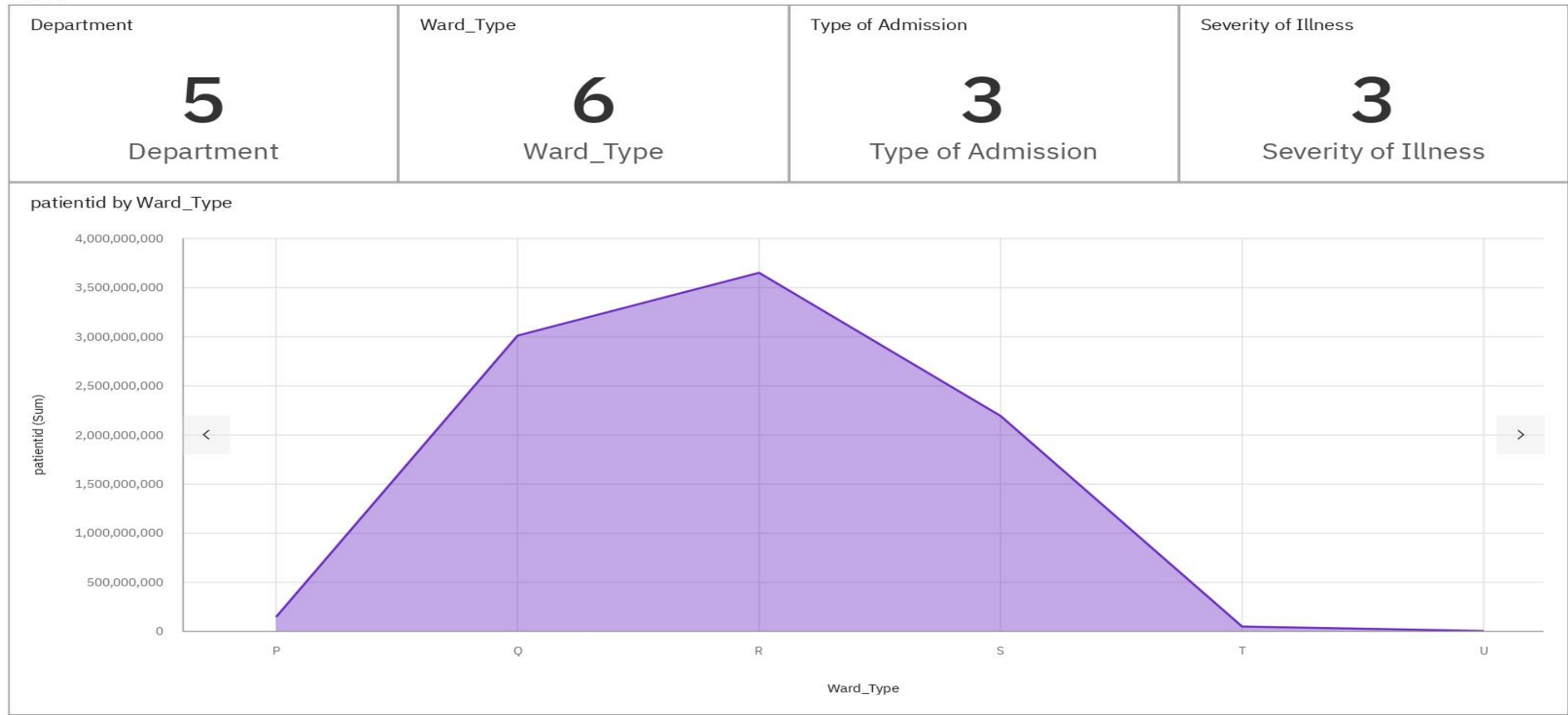| Team ID :	PNT2022TMID23616
Project Name :	Analytics for Hospital Health-Care Data

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:

        Data Visualizations

Tab 2

3.Age Wise Patients With Department And Severity Filters

Tab 3

case_id by Age

Age	case_id (Count)
41-50	27,746
31-40	26,781
51-60	20,992
21-30	17,717
71-80	14,945
61-70	14,932
11-20	7,103
81-90	3,350
0-10	2,886
91-100	605

Department

Department
TB & Chest disease
anesthesia
gynecology
radiotherapy
surgery

Severity of Illness

Severity of Illness
Extreme
Minor
Moderate

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...   Ward_Type
1   17,353   ● P ● Q ● R ● S ● T ● U

Admission_Deposit by Department

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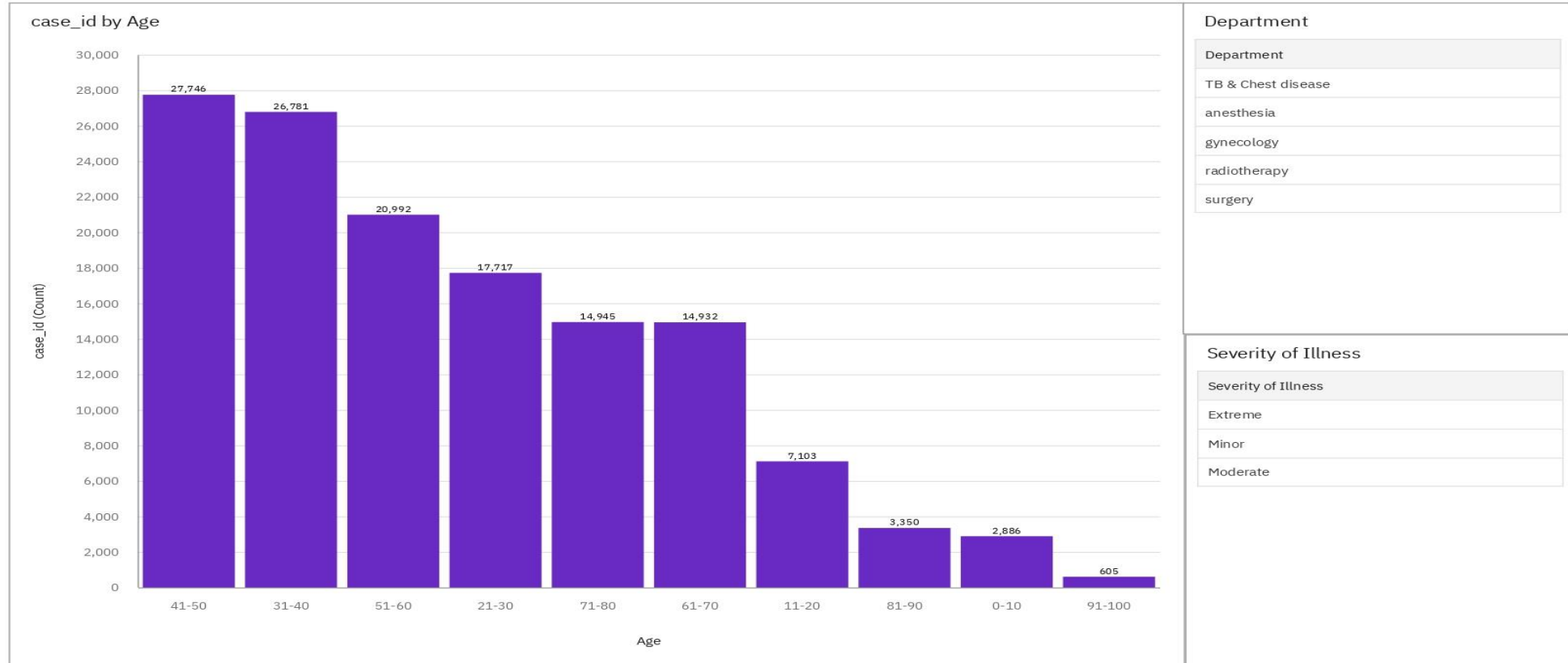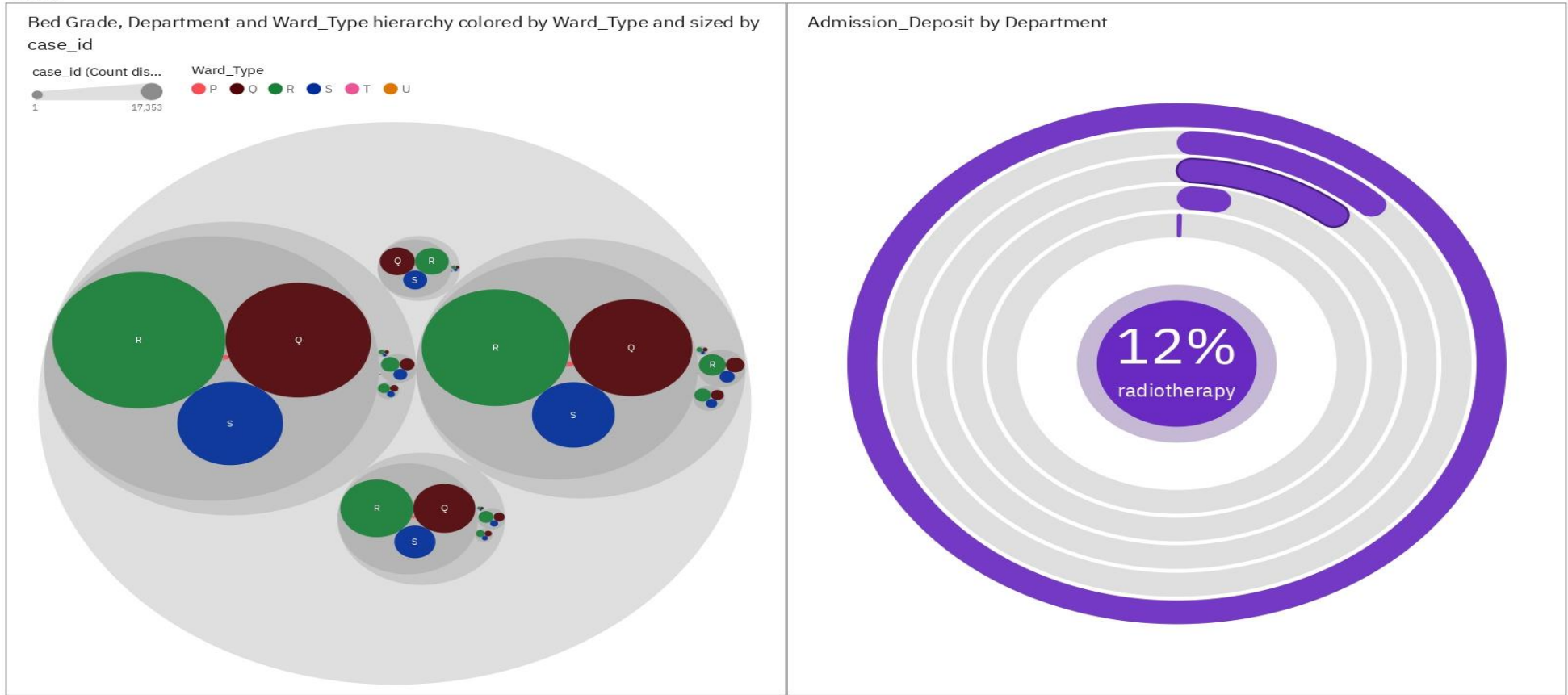
5.Dashboard Showing Pie, Stacked Bar, Waterfall And Pie Charts

Data Visualizations

Tab 5

case_id by Severity of Illness

Severity of Illness
● Extreme ● Minor ● Moderate

137,057
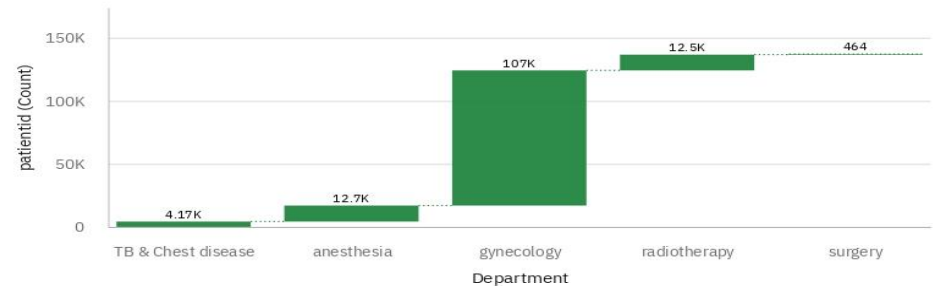case_id (Count disti...

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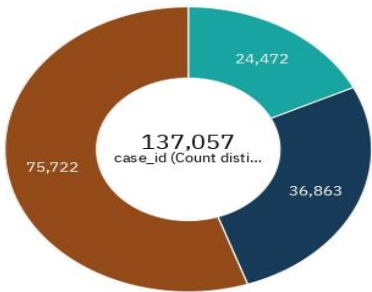
case_id by Age colored by Department

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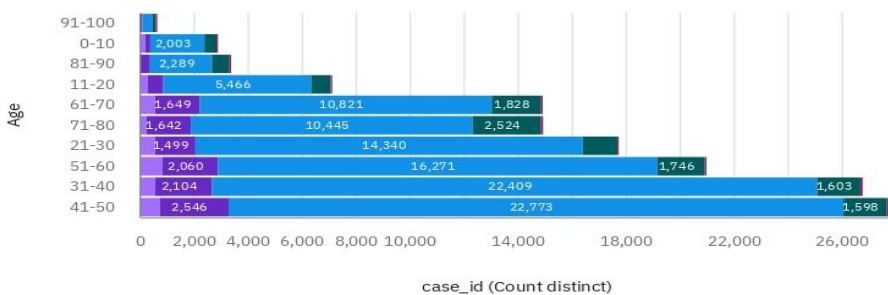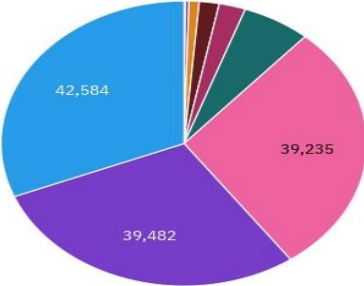

patientid for Department

Column values
● Increase ● Decrease

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

Data visualization Link:

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