Project Development Phase

Delivery of Sprint-2

| Team ID :	PNT2022TMID47568
Project Name :	Analytics for Hospital Health-Care Data

A) Data Explorations:

1. Ward_Type for Ward_Facility_Code

2. case_id by patient_id

3. City_Code_Hospital by City_Code_Hospital

4. City_Code_Hospital by Department

5. Department compared to Hospital_region_code

6. Ward_Facility_Code for City_Code_Patient hierarchy

7. Ward_Type colored by Department sized by Department

8. Type of Admission by Department colored by Department

9. Visitors with Patient by Type of Admission
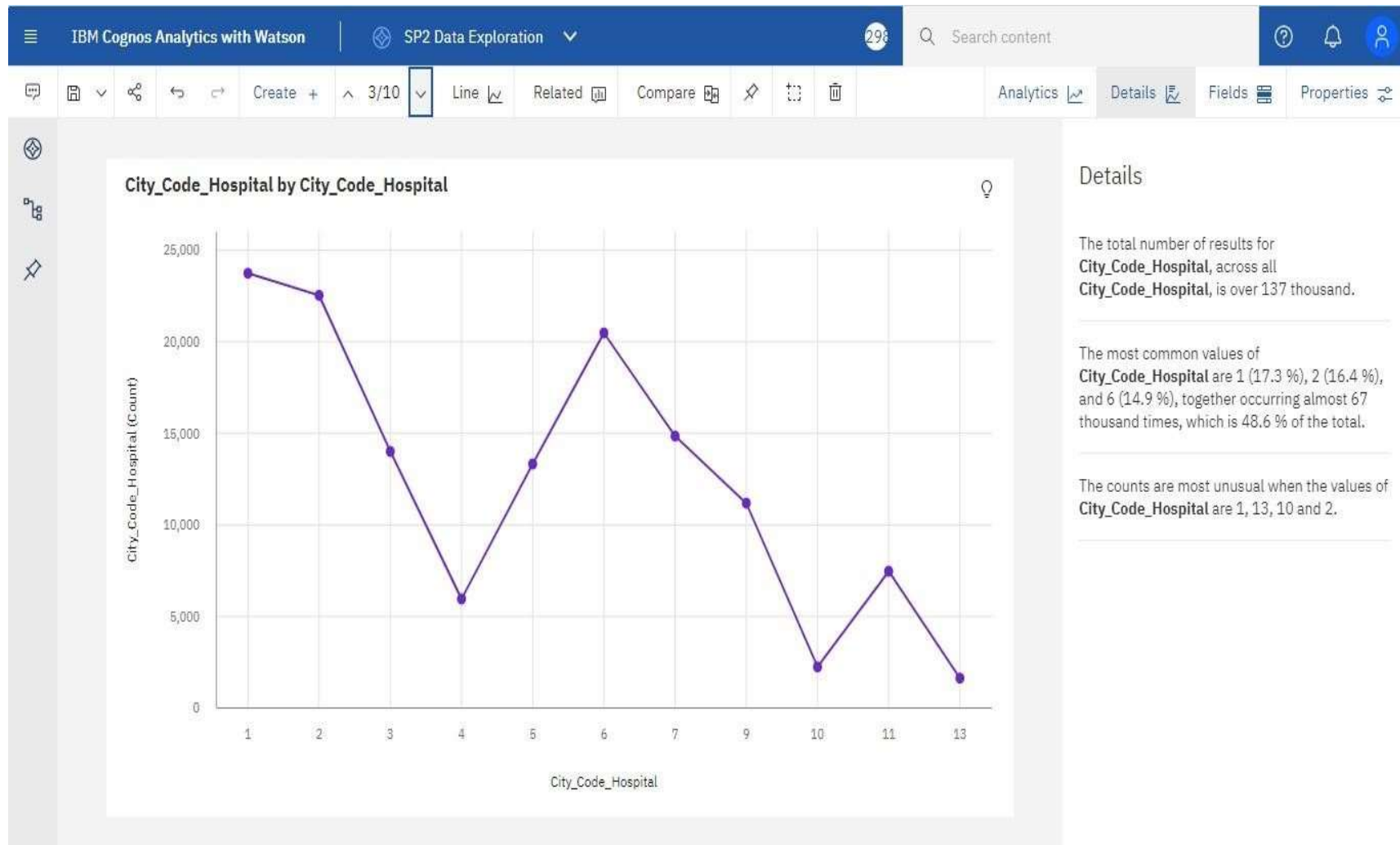
10. Hospital_region_code for Hospital_region_code regions

1.Ward_Type for Ward_Facility_Code
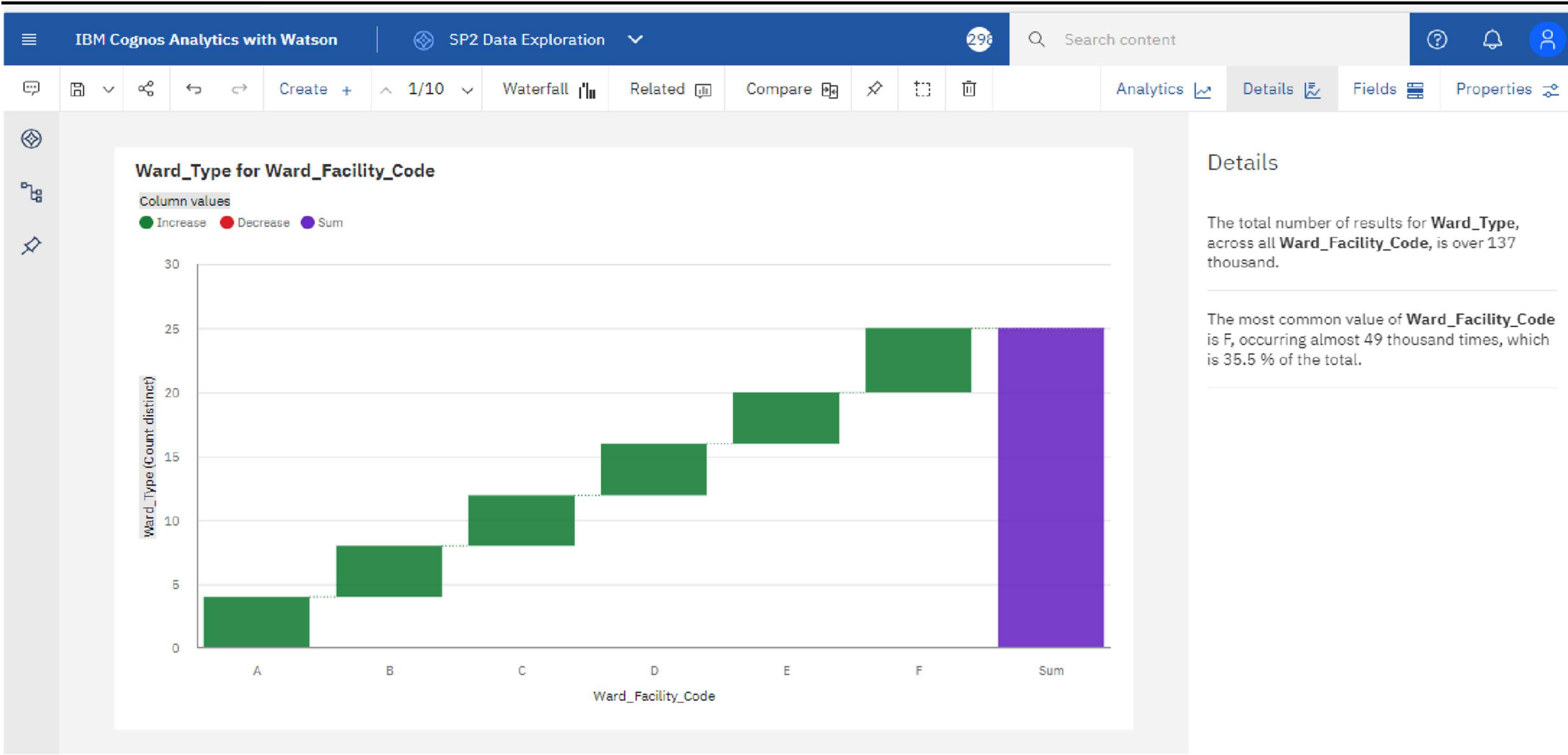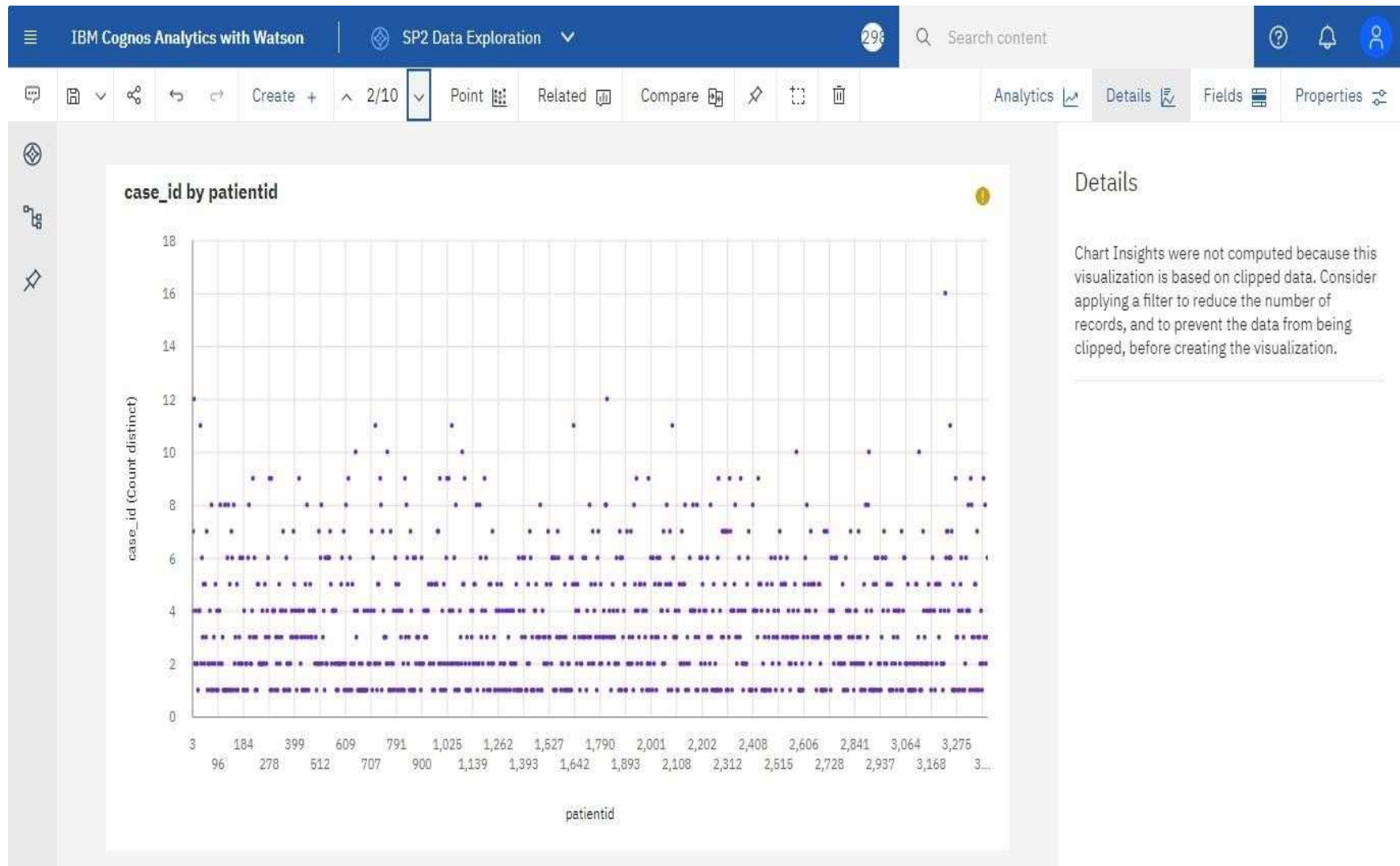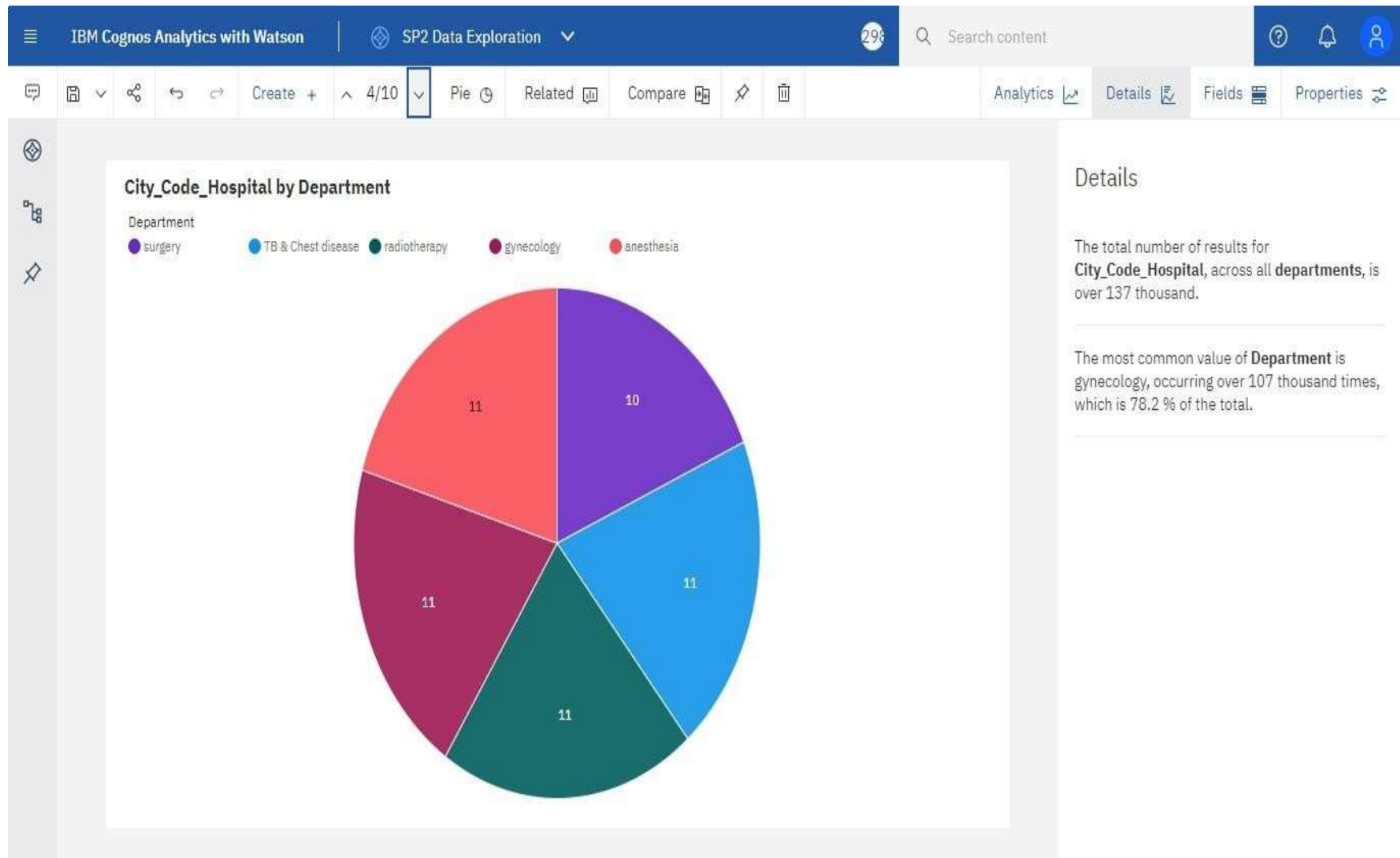
2.case_id by patient_id
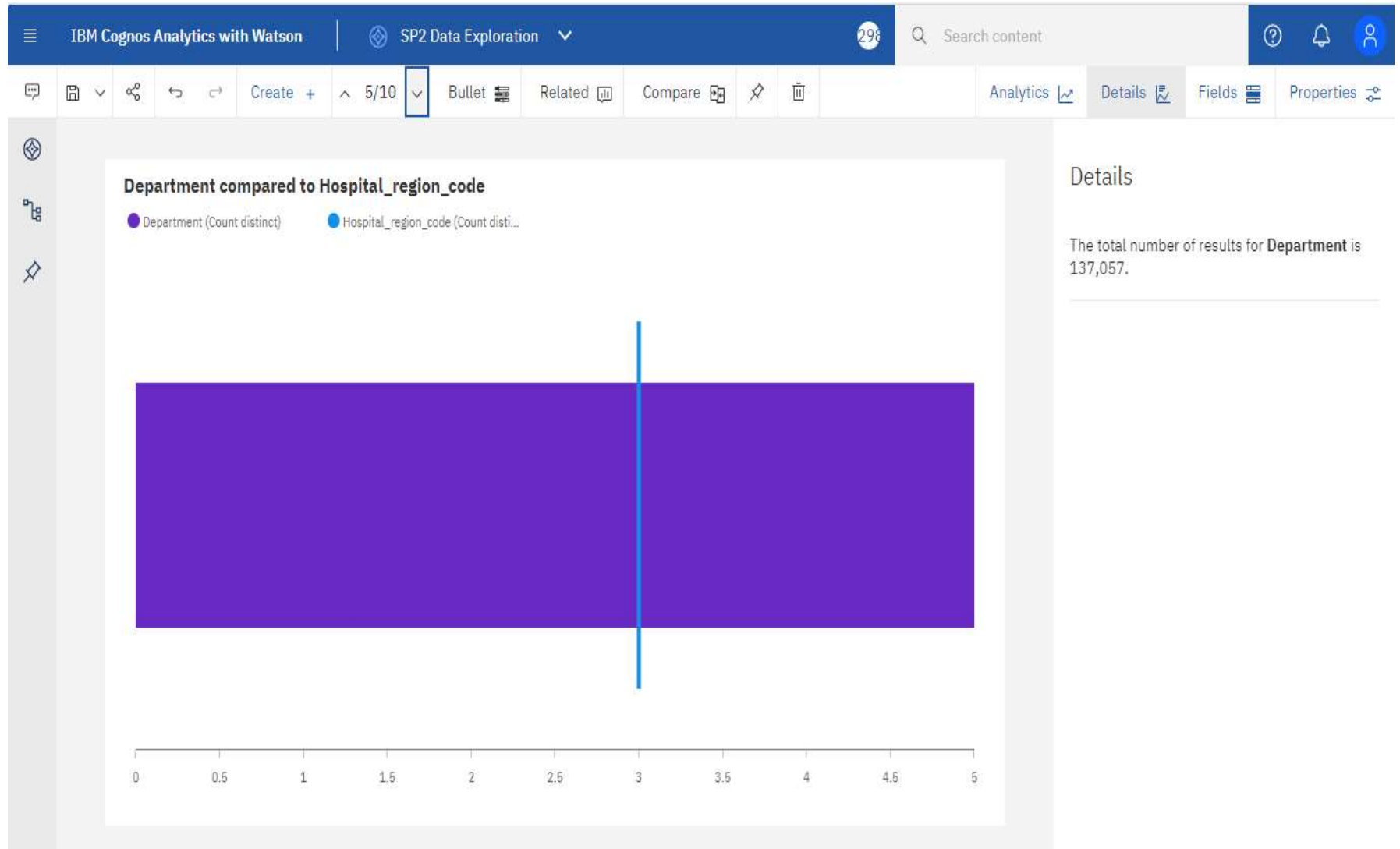
3.City_Code_Hospital by City_Code_Hospital
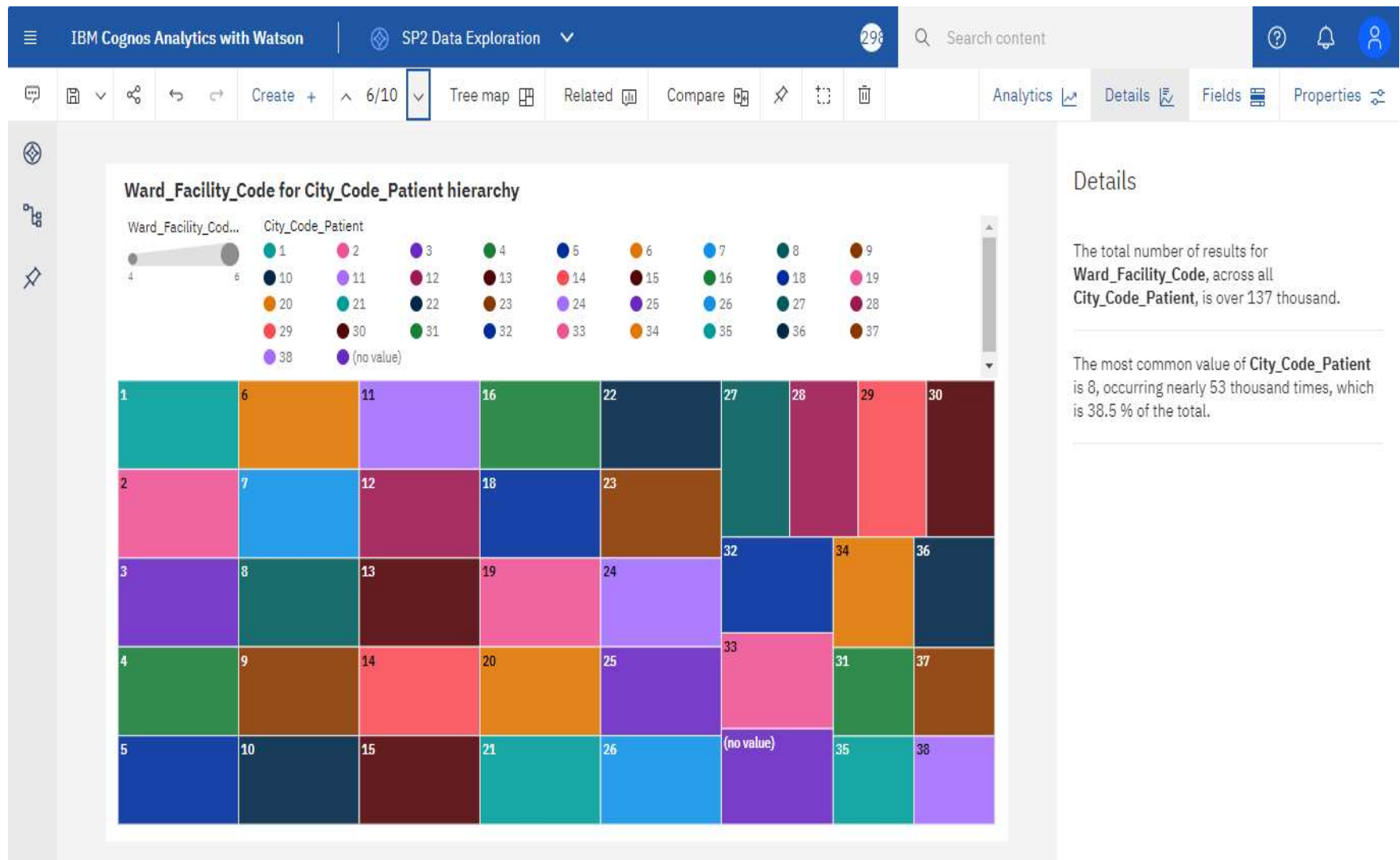
4.City_Code_Hospital by Department

5.Department compared to Hospital_region_code
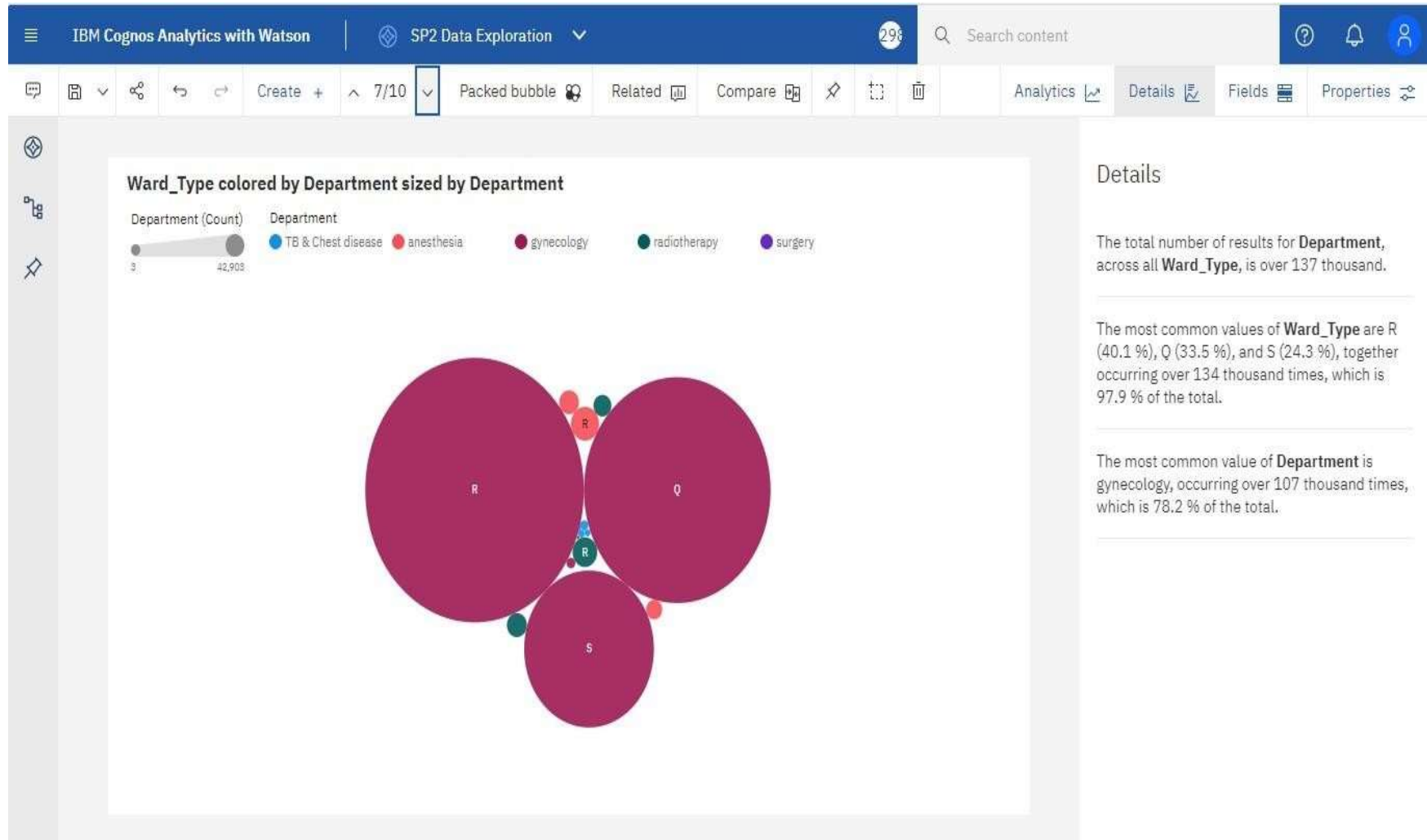
6.Ward_Facility_Code for City_Code_Patient hierarchy

7.Ward_Type colored by Department sized by Department

8.Type of Admission by Department colored by Department
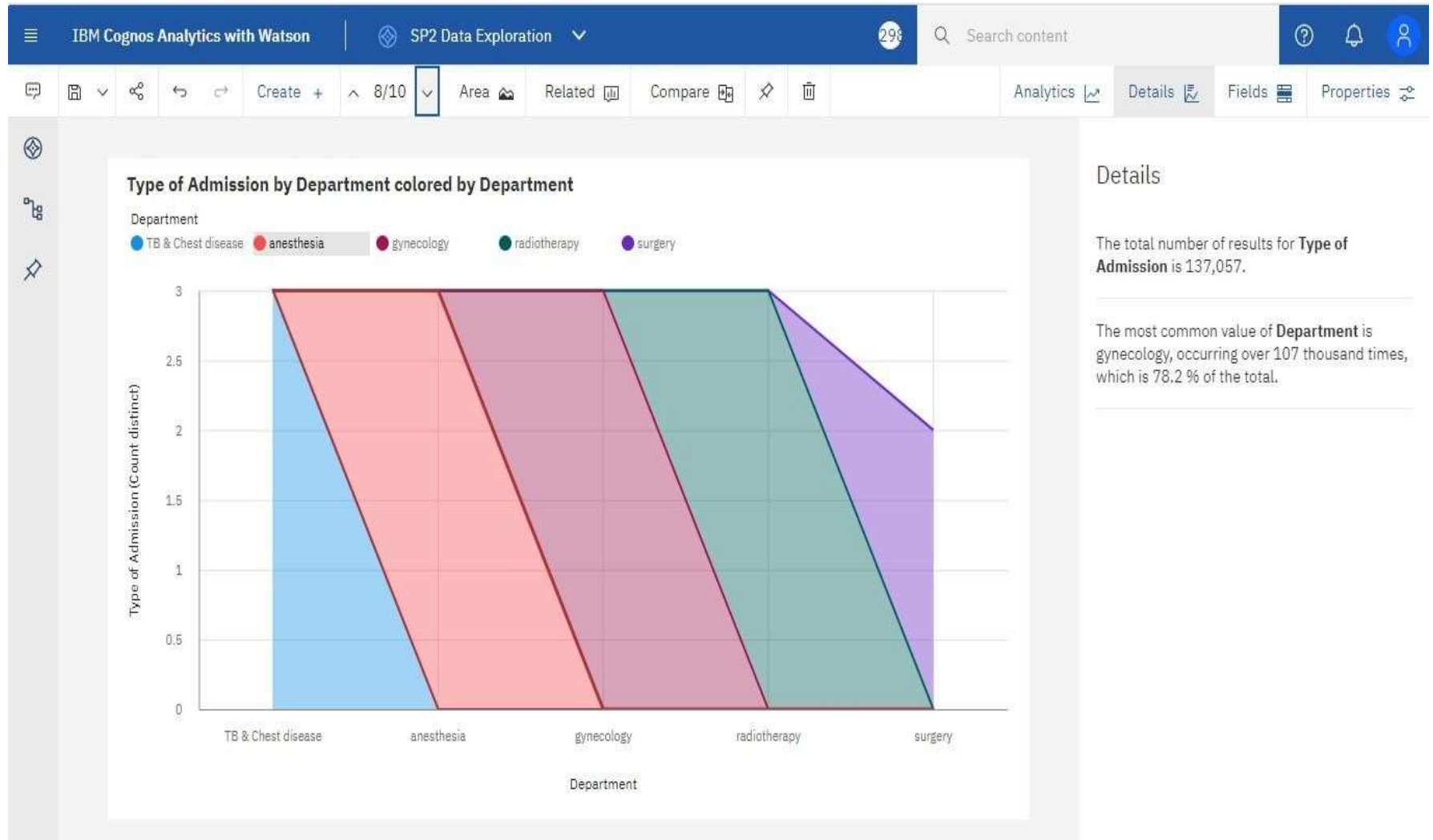
9.Visitors with Patient by Type of Admission
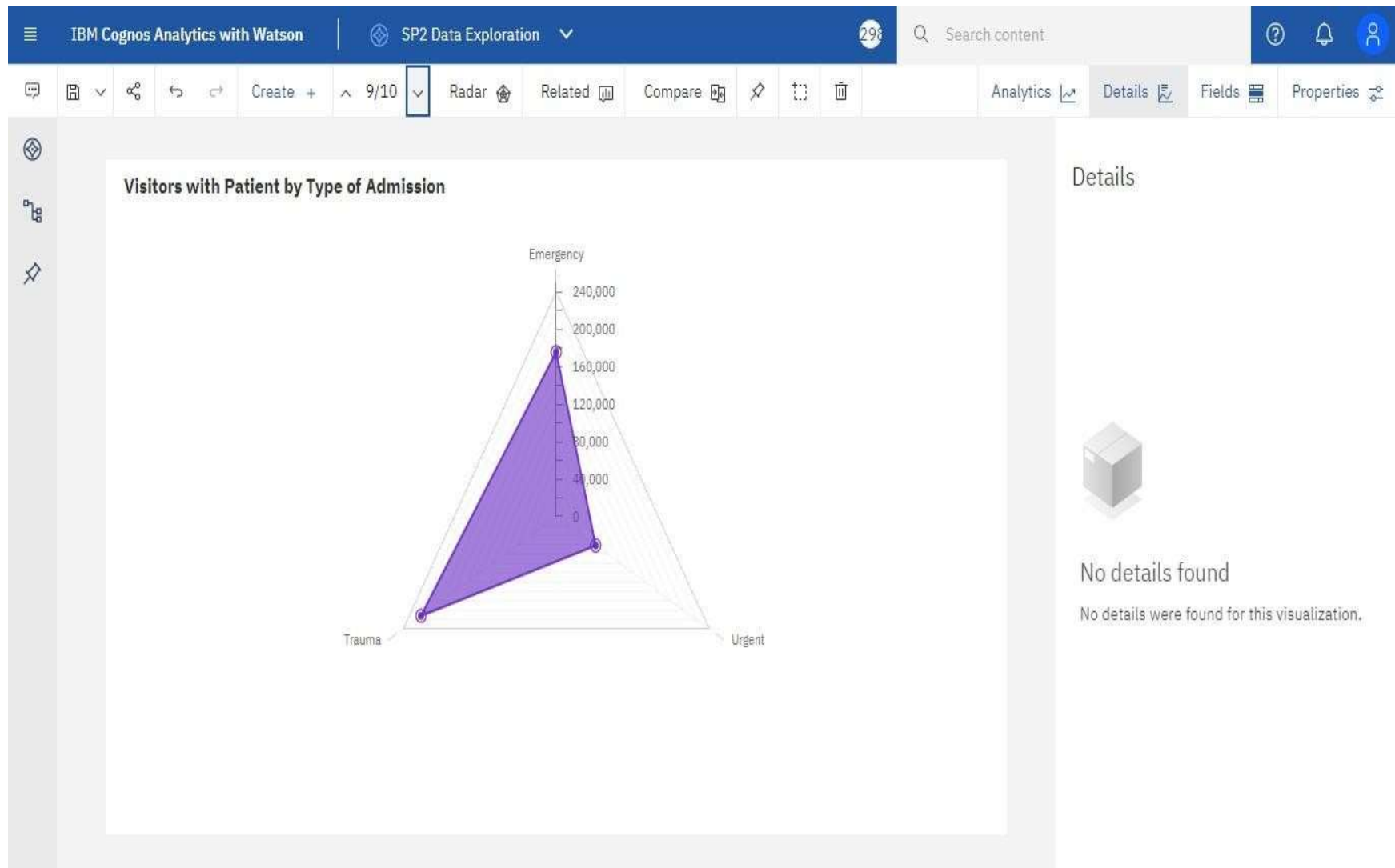
10.Hospital_region_code for Hospital_region_code regions
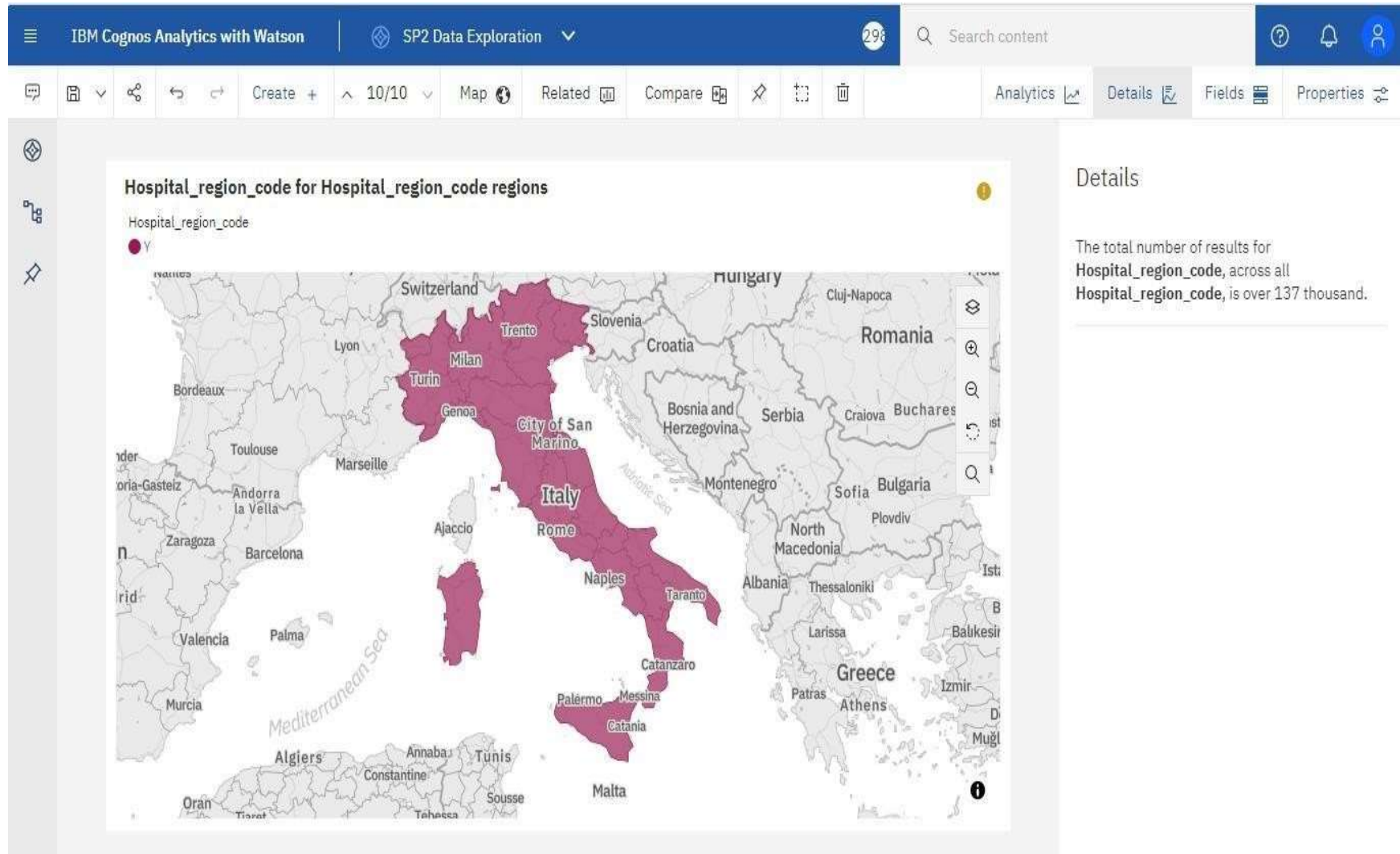
B) Data Visualizations

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

3.Age Wise Patients With Department And Severity Filters

Tab 3

4.Dashboard With Hierarchy Bubble And Radial Visuals
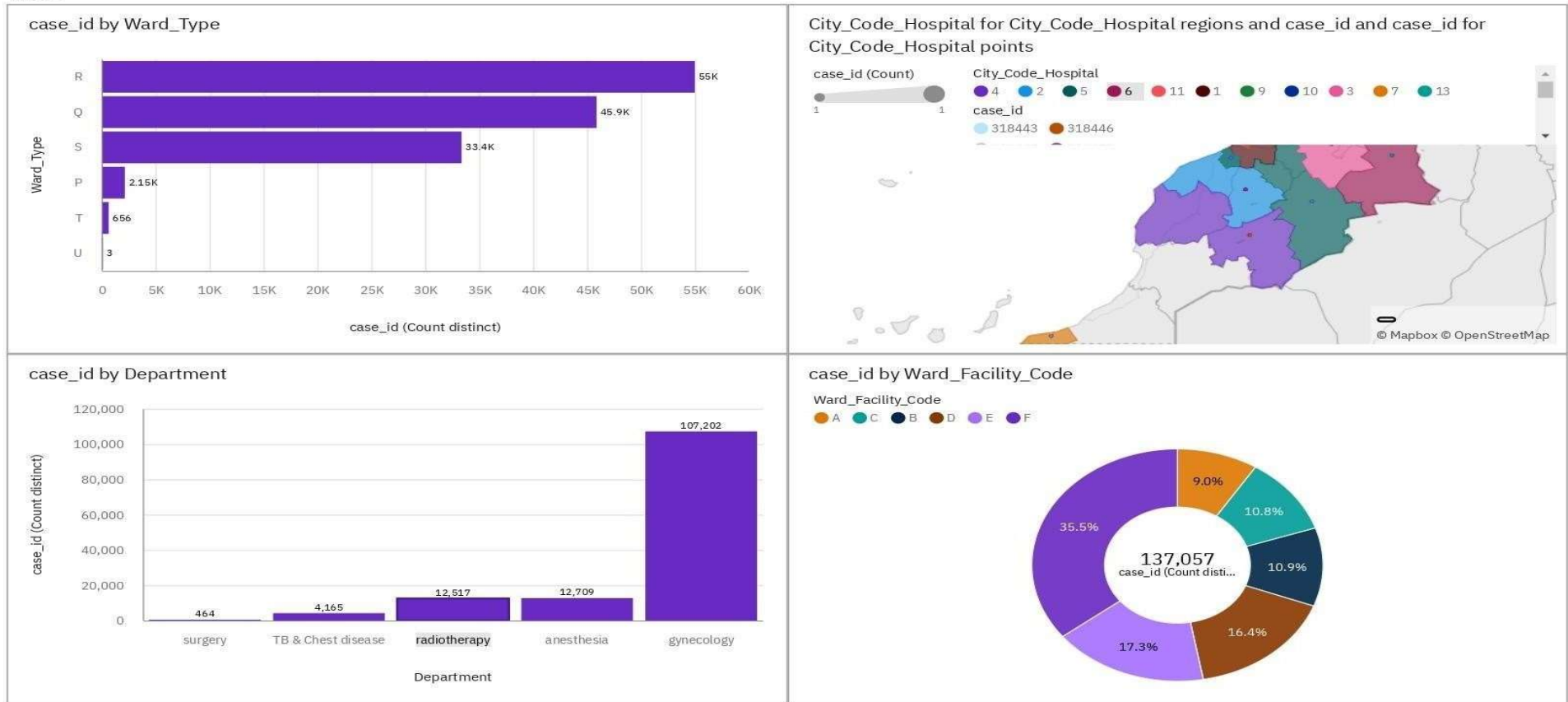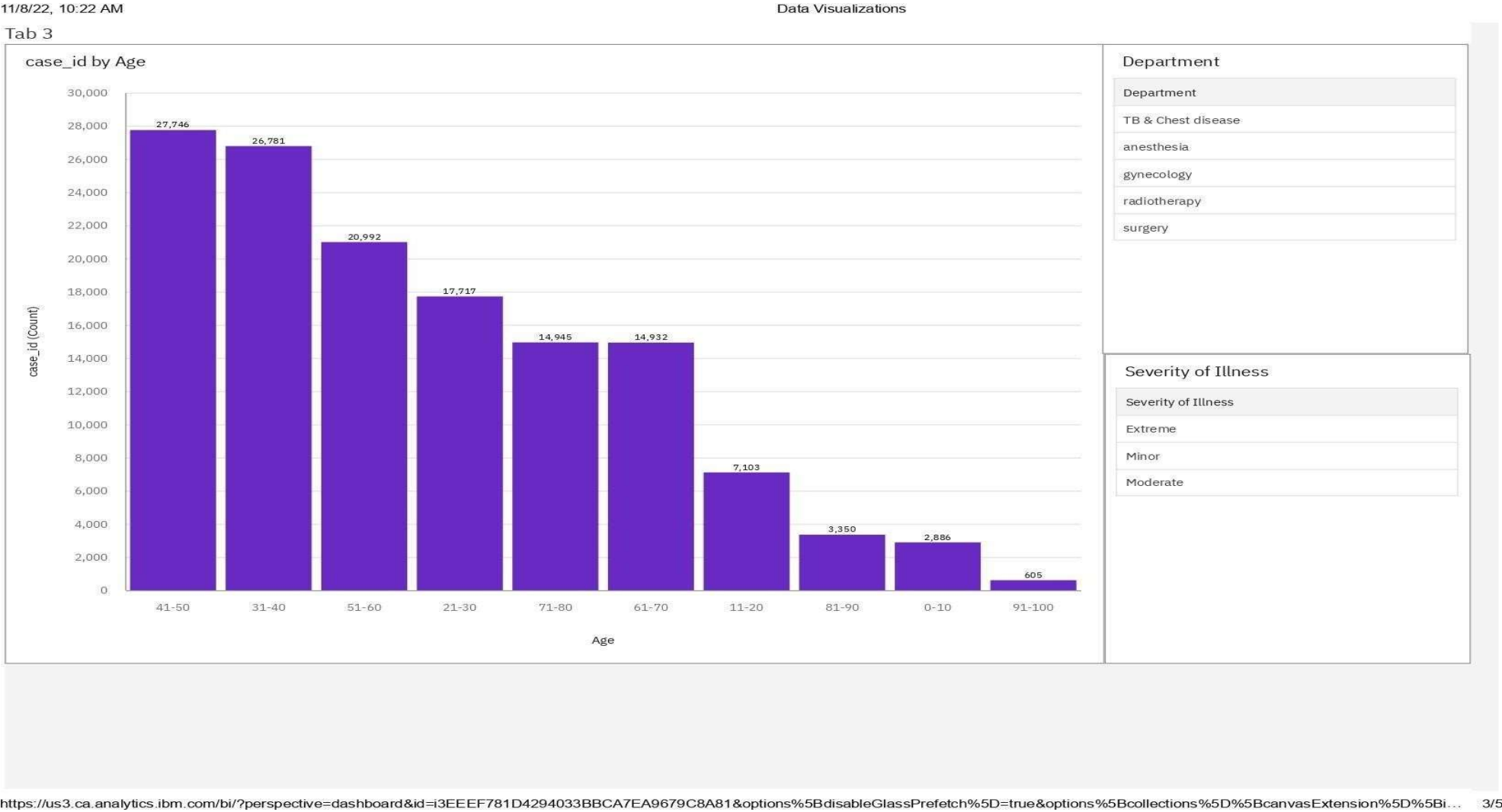
Tab 4

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

Admission_Deposit by Department

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	case_id (Count distinct)
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

0   2,000 4,000 6,000 8,000 10,000   14,000   18,000   22,000   26,000

patientid for Department

Column values
- Increase
- Decrease

150K
107K
12.5K   464
100K
50K
4.17K   12.7K
0
TB & Chest disease   anesthesia   gynecology   radiotherapy   surgery

Department

patientid (Count)

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