

PROJECT DEVELOPMENT PHASE

SPRINT DELIVERY -2

TEAM ID : PNT2022TMID26228

**PROJECT : Analytics for
Hospital Health-Care Data**

DATE : 5 NOV 2022



ANALYTICS FOR HOSPITAL HEALTH - CARE DATA

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Vishali.M
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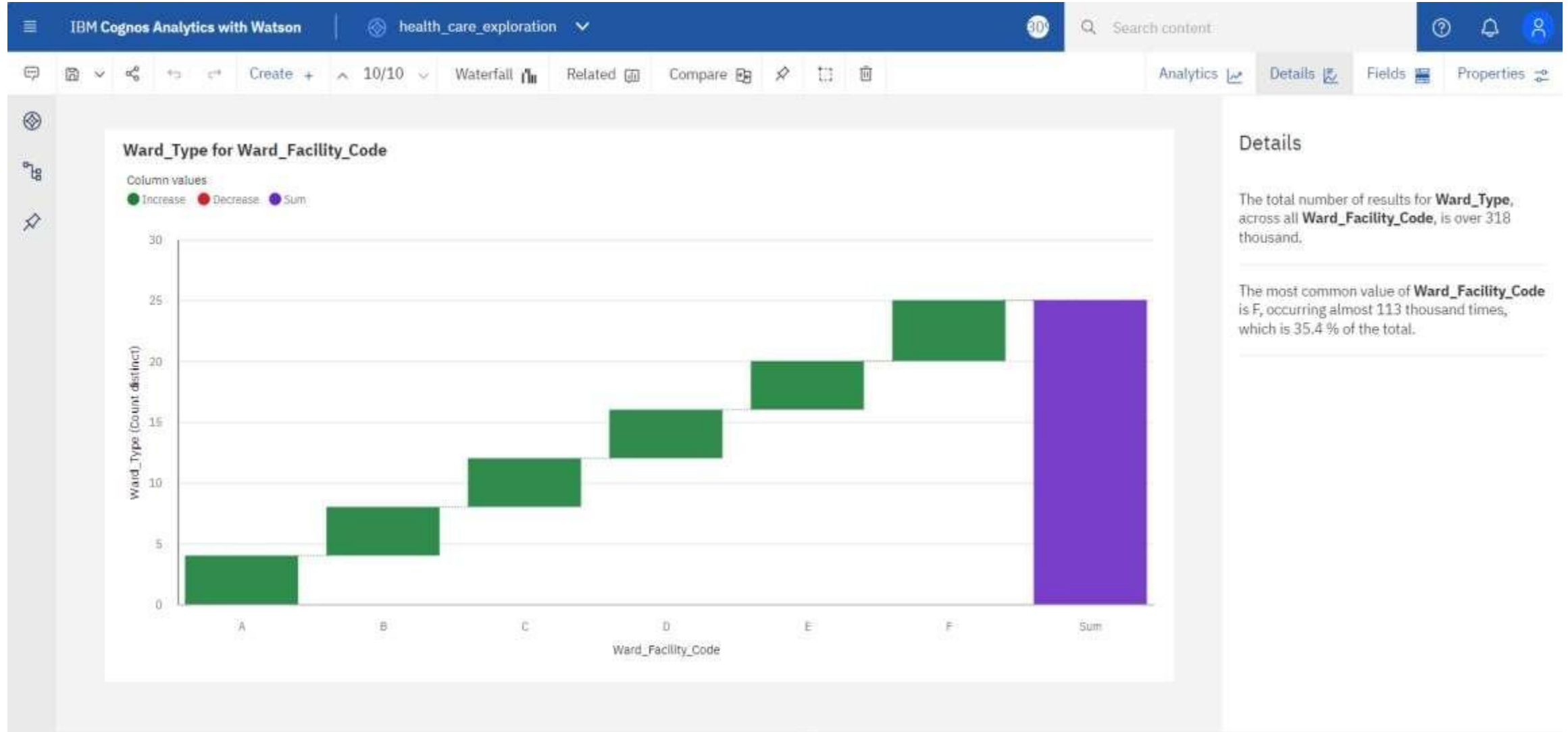
Team ID - PNT2022TMID26228

Project Development Phase

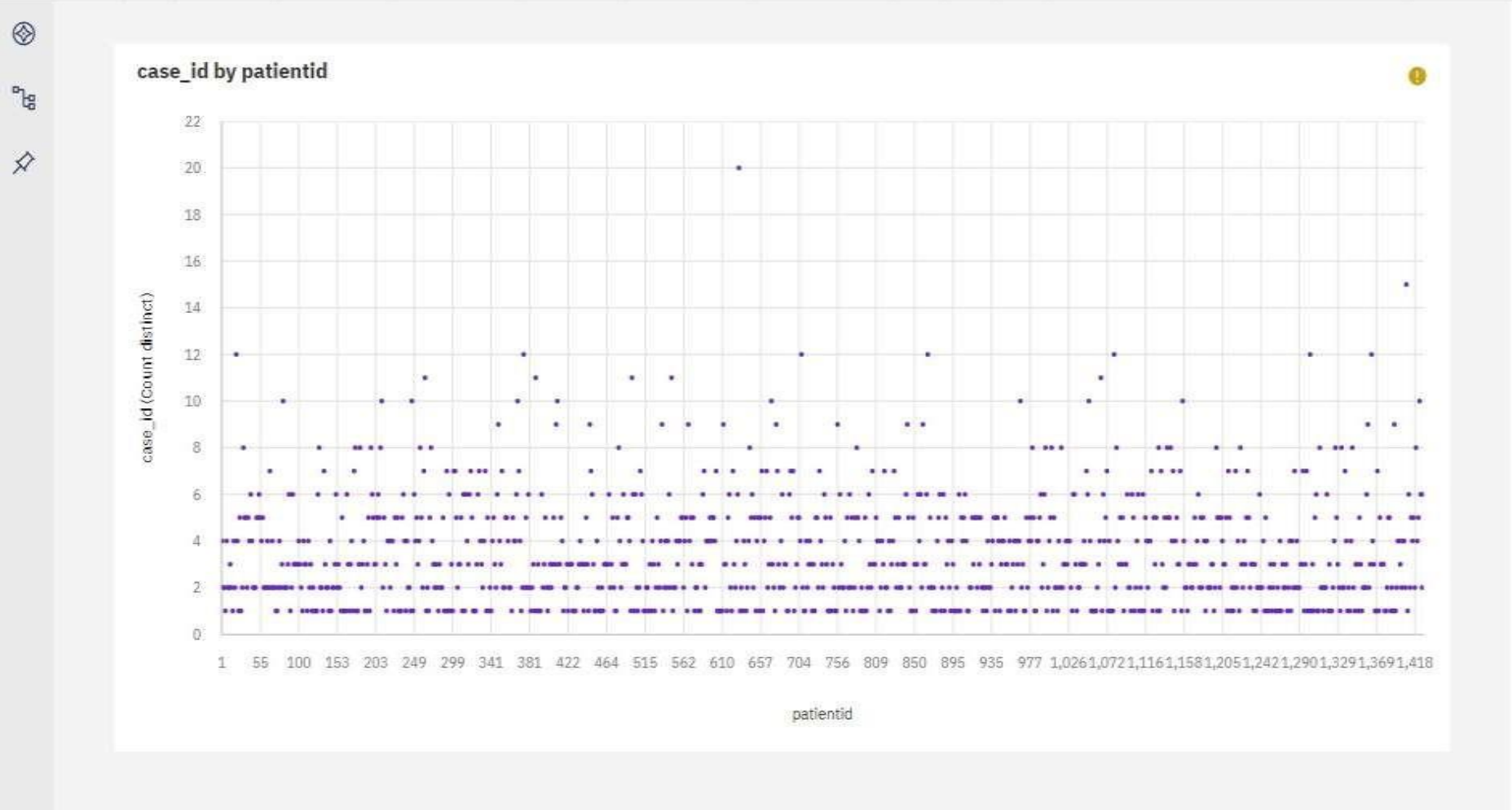
Sprint-1: <ul style="list-style-type: none">✓ Data Collection✓ Loading of data✓ Data Preparation	Sprint-3: <ul style="list-style-type: none">✓ Dashboard Creation
Sprint-2: <ul style="list-style-type: none">✓ Data Exploration✓ Data Visualization	Sprint-4: <ul style="list-style-type: none">✓ Report Creation✓ Story Creation

DATA EXPLORATION

Ward_Type for Ward_Facility_Code:



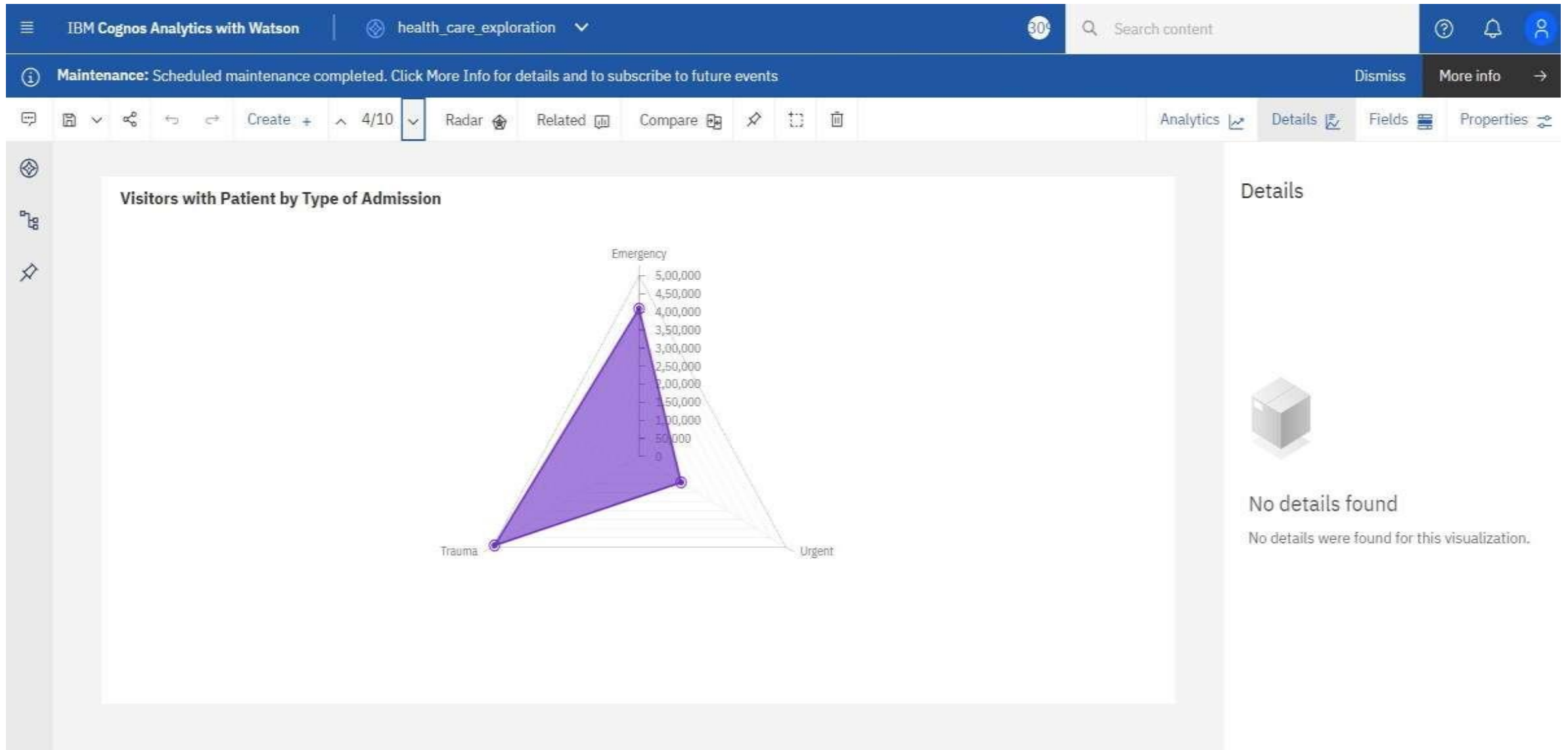
Case_Id by Patient_Id:



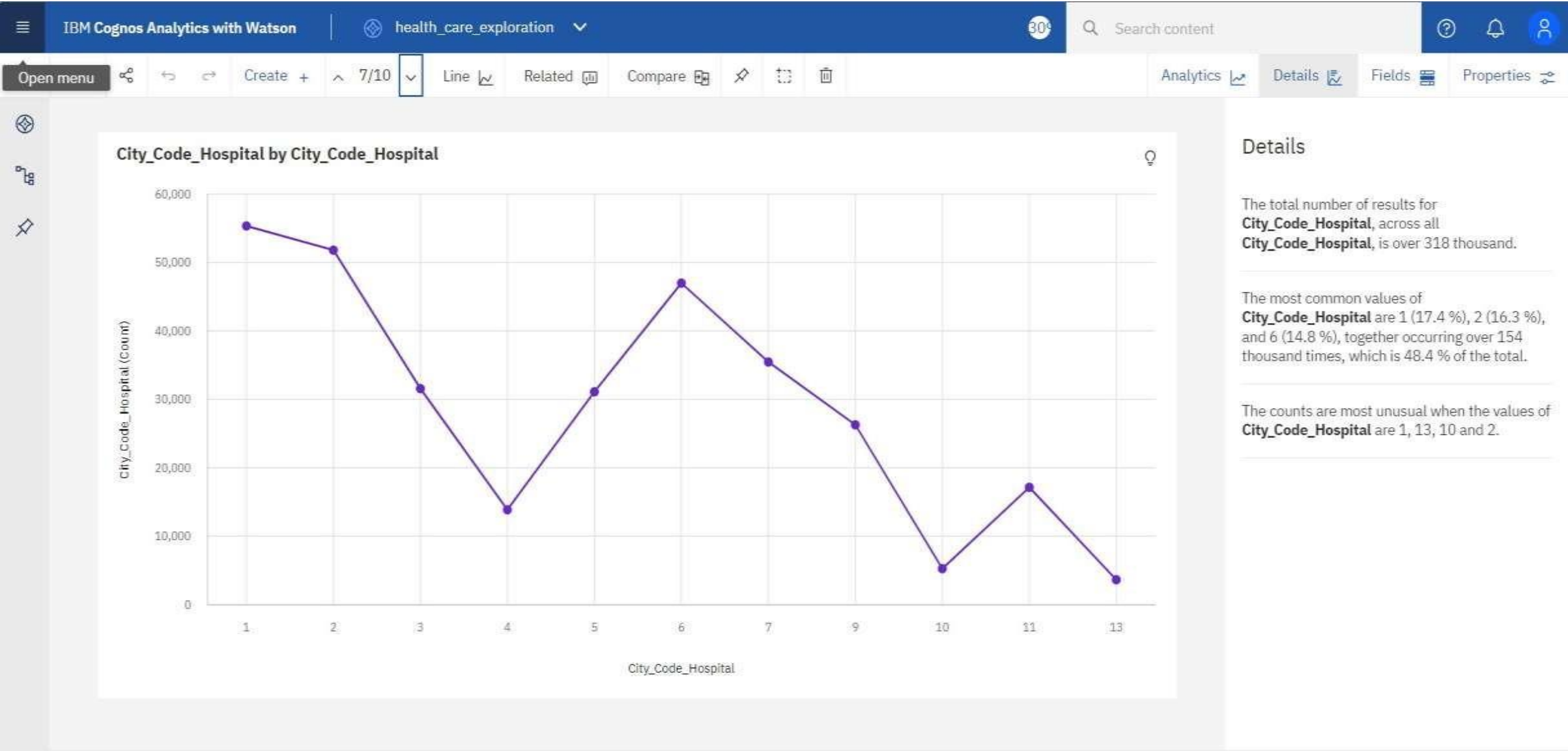
Details


Loading details...

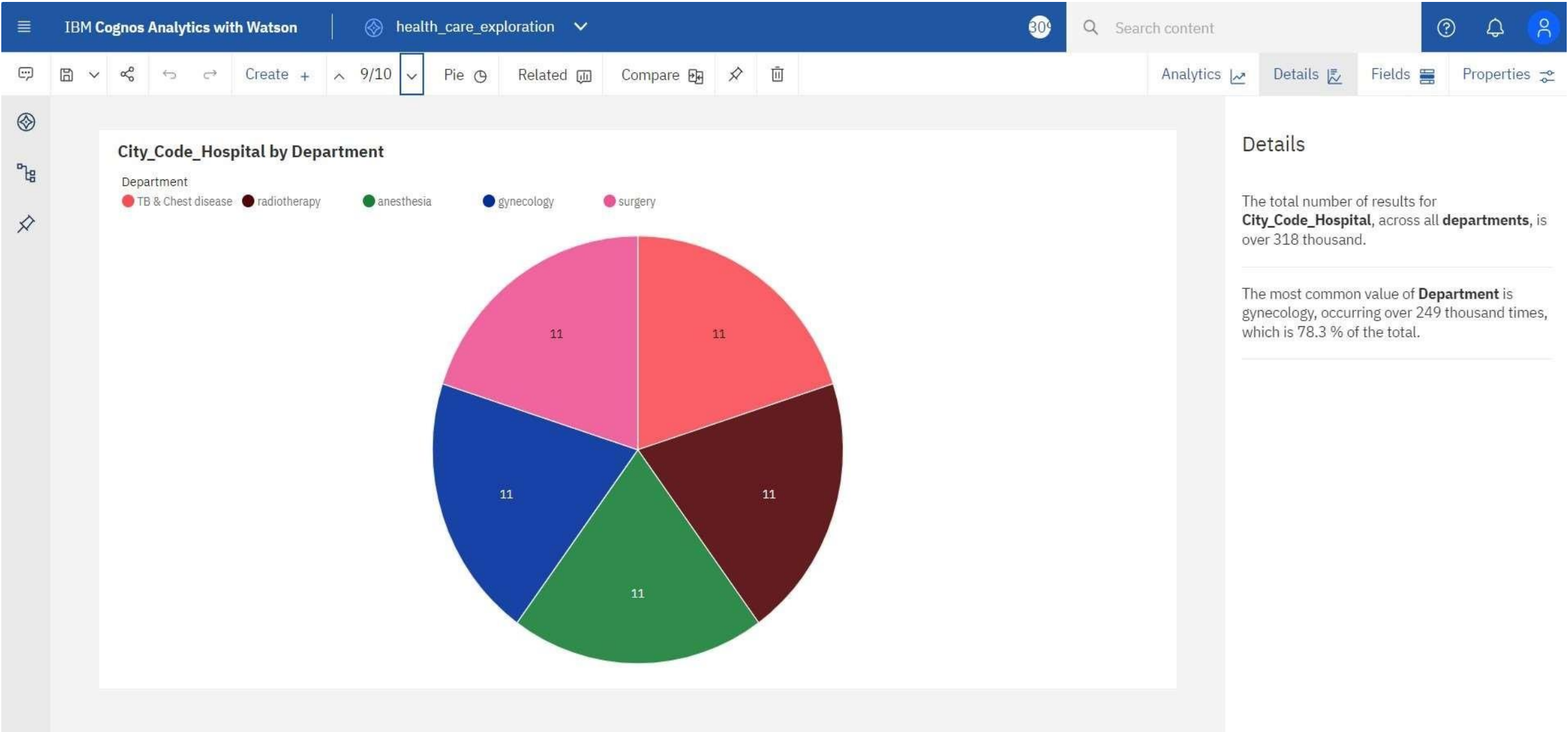
Visitors with Patient by Type of Admission:



City_Code_Hospital by City_Code_Hospital:

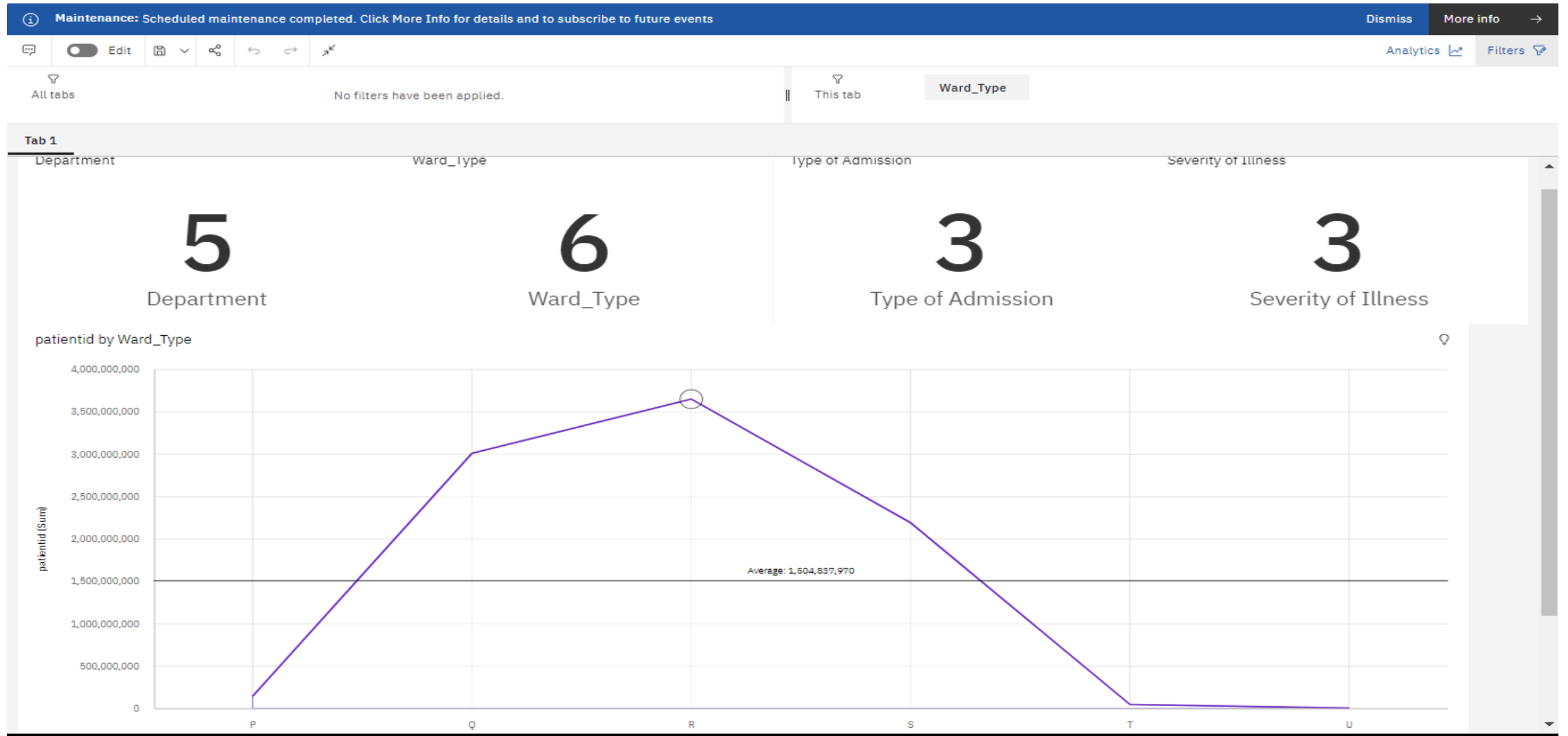


City_Code_Hospital by Department:

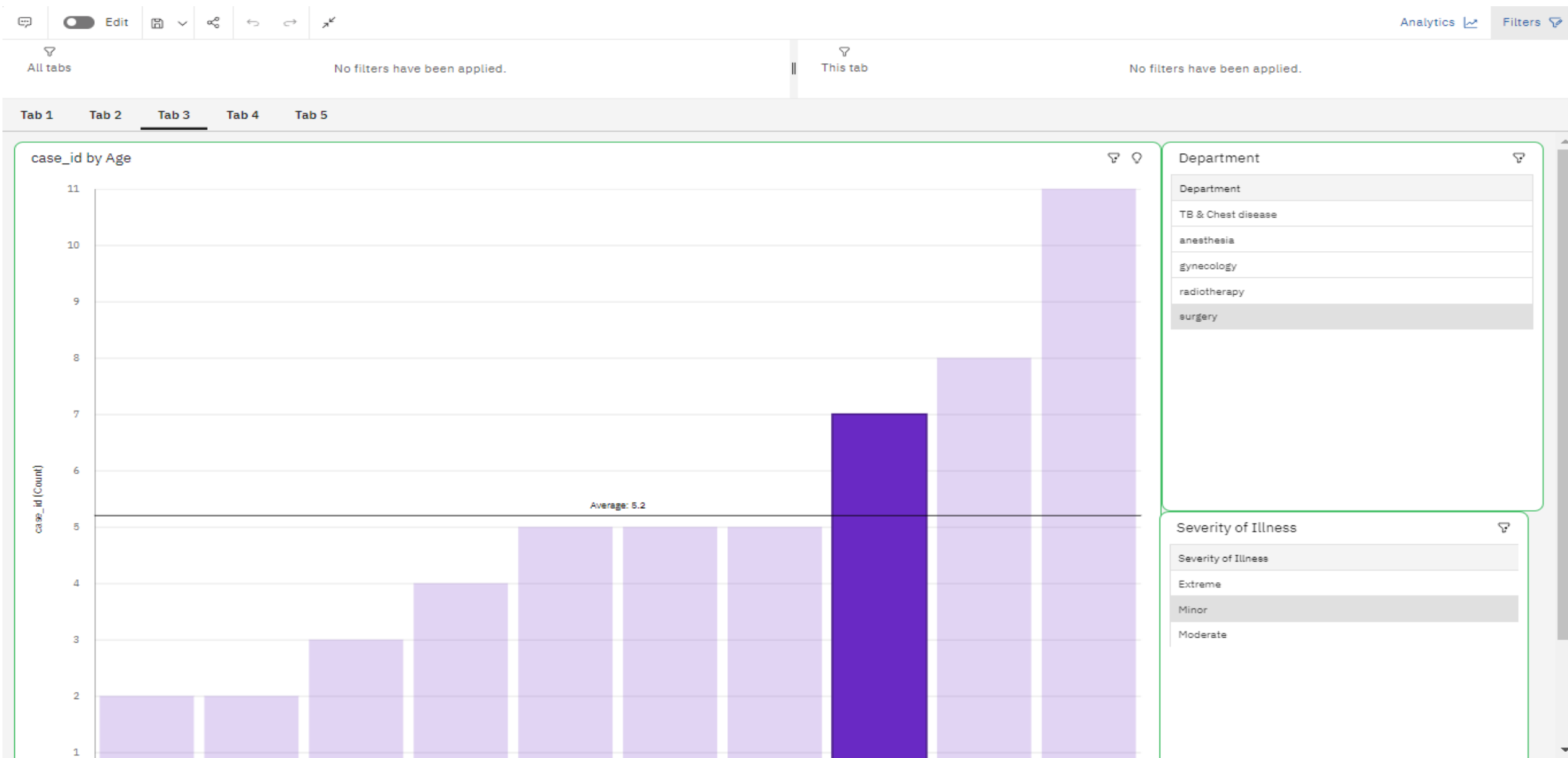


DATA VISUALIZATIONS

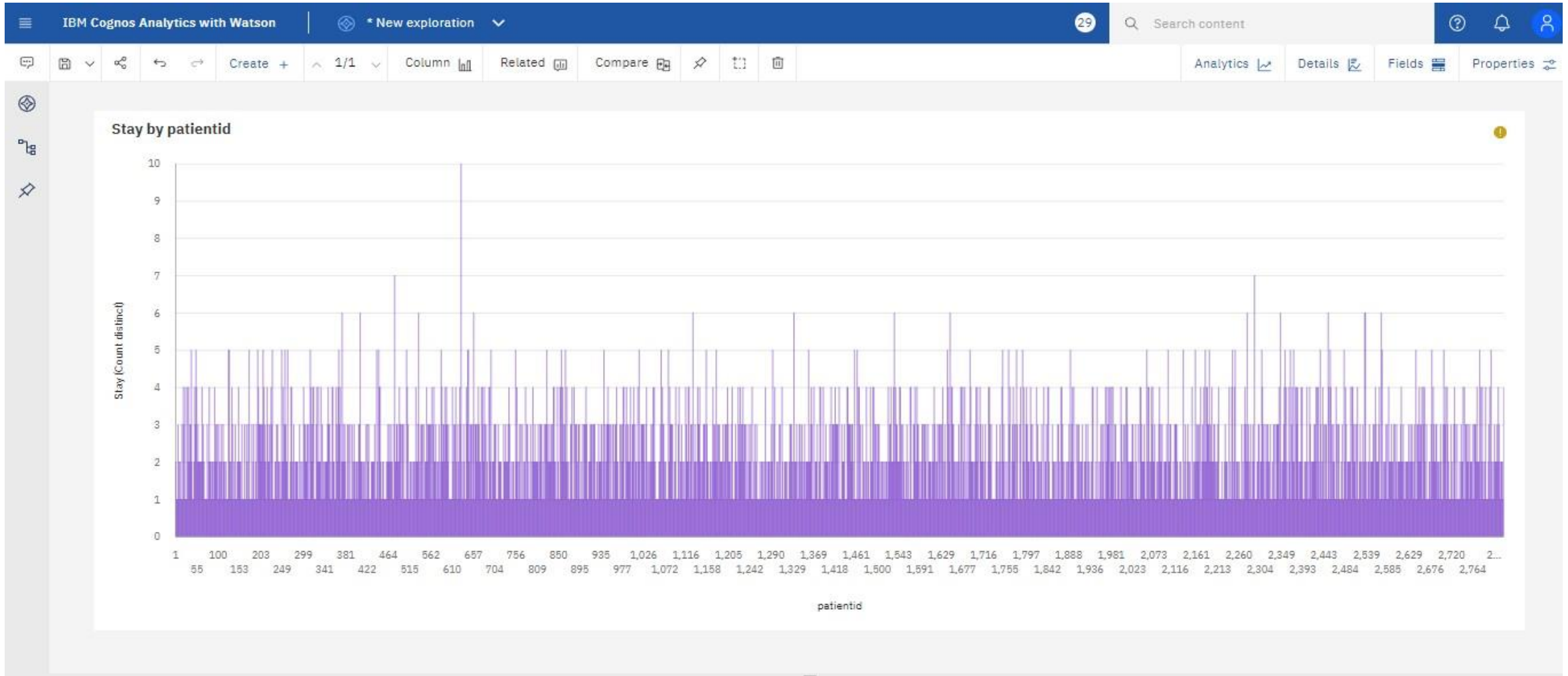
1. NUMBER OF PATIENTS BY WARD TYPE



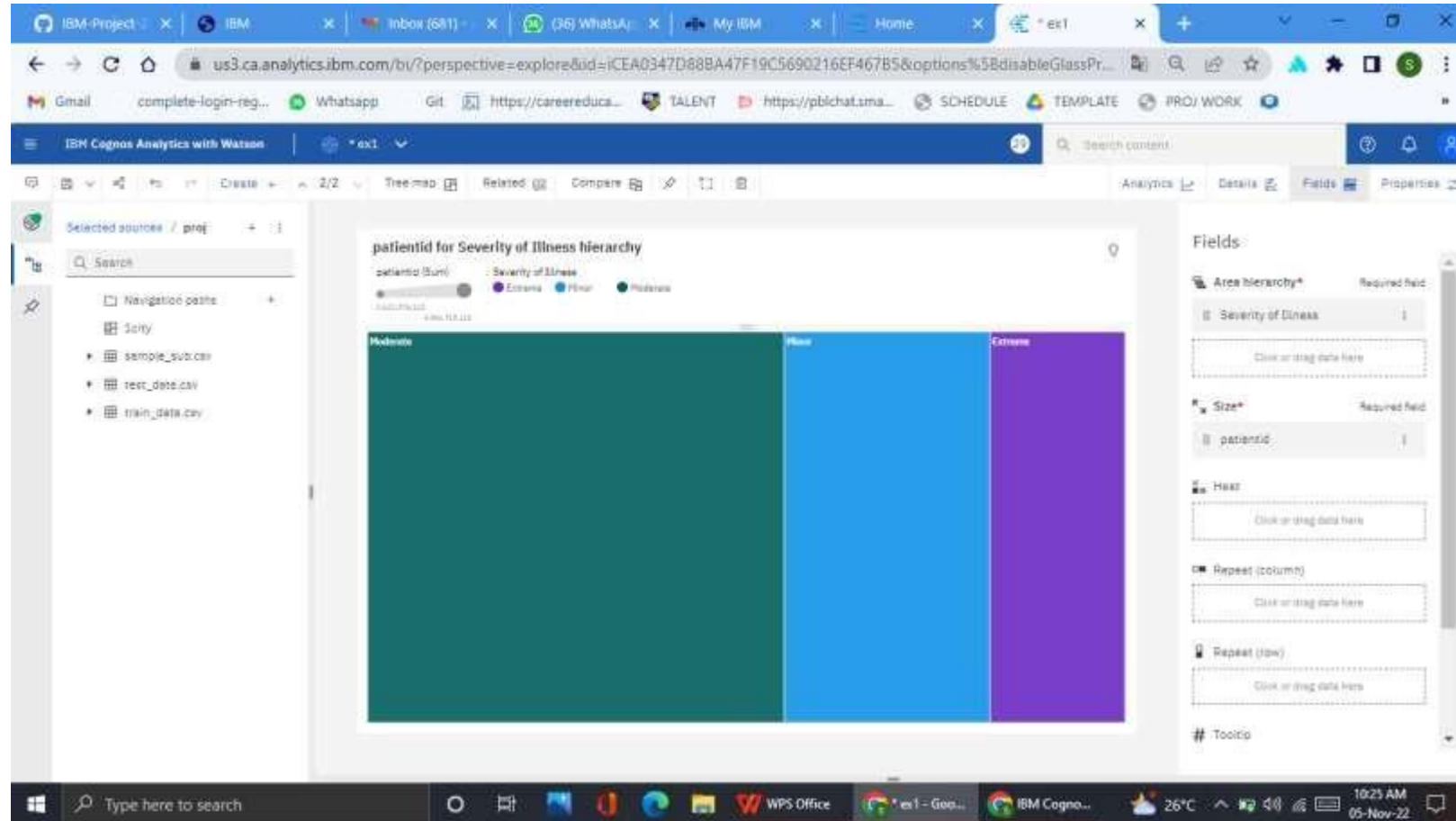
AGE WISE PATIENTS WITH DEPARTMENT AND SEVERITY OF ILLNESS



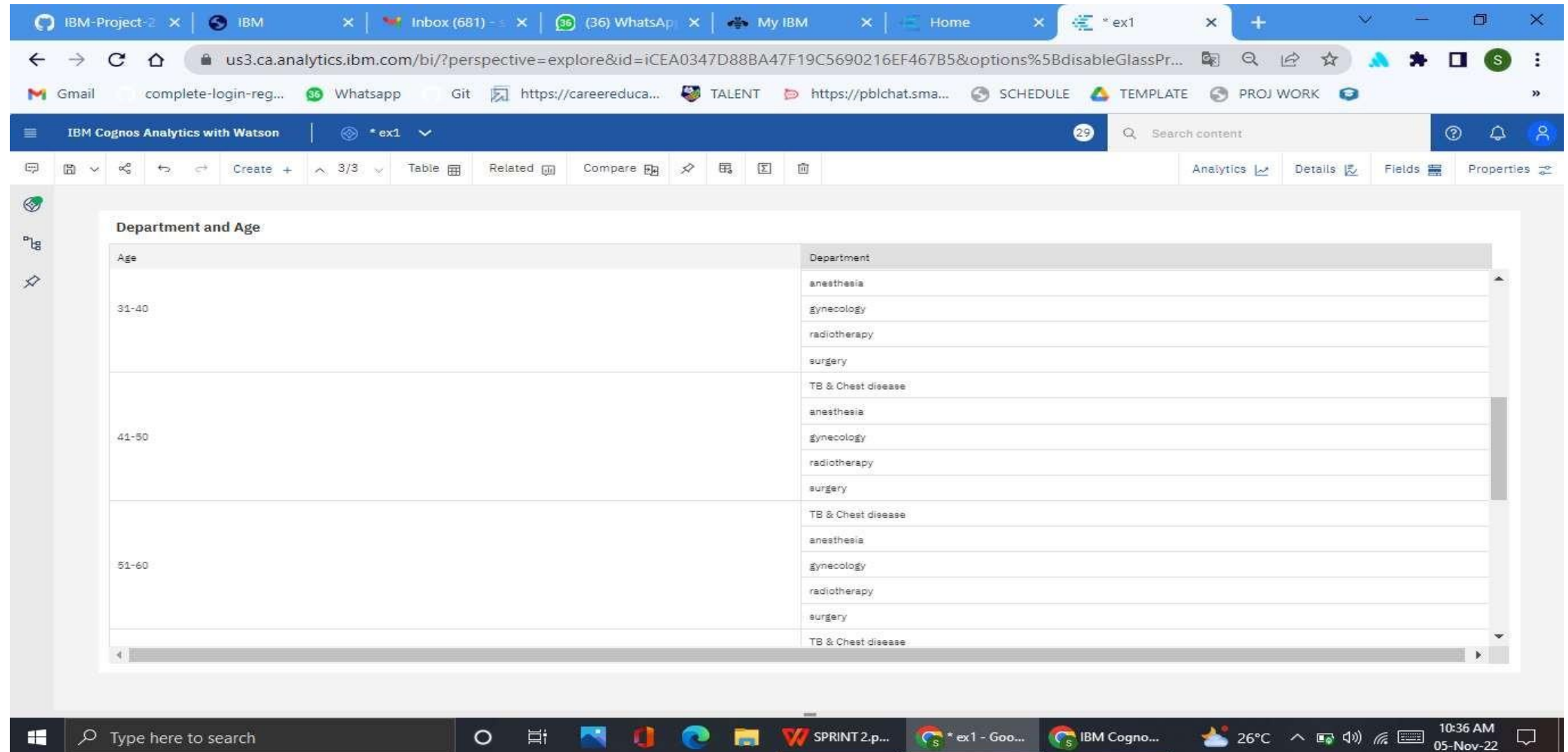
STAY BY PATIENT ID



SEVERITY OF ILLNESS BY PATIENT-ID USING TREE MAP



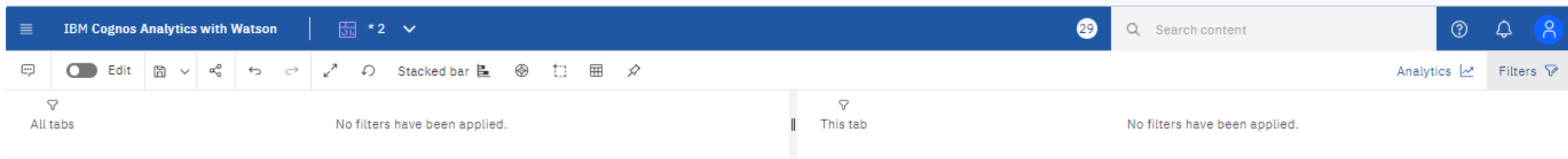
AGE AND DEPARTMENT WISE PATIENT USING TABLE



The screenshot displays the IBM Cognos Analytics interface. The browser address bar shows the URL: us3.ca.analytics.ibm.com/bi/?perspective=explore&id=iCEA0347D88BA47F19C5690216EF467B5&options%5BdisableGlassPr.... The interface includes a top navigation bar with tabs for 'IBM-Project-2', 'IBM', 'Inbox (681)', '(36) WhatsApp', 'My IBM', 'Home', and 'ex1'. A search bar is present with the text 'Search content'. The main content area shows a table titled 'Department and Age' with two columns: 'Age' and 'Department'. The table is divided into three sections based on age groups: '31-40', '41-50', and '51-60'. Each section lists various departments: 'anesthesia', 'gynecology', 'radiotherapy', 'surgery', and 'TB & Chest disease'.

Age	Department
31-40	anesthesia
	gynecology
	radiotherapy
	surgery
	TB & Chest disease
41-50	anesthesia
	gynecology
	radiotherapy
	surgery
	TB & Chest disease
51-60	anesthesia
	gynecology
	radiotherapy
	surgery
	TB & Chest disease

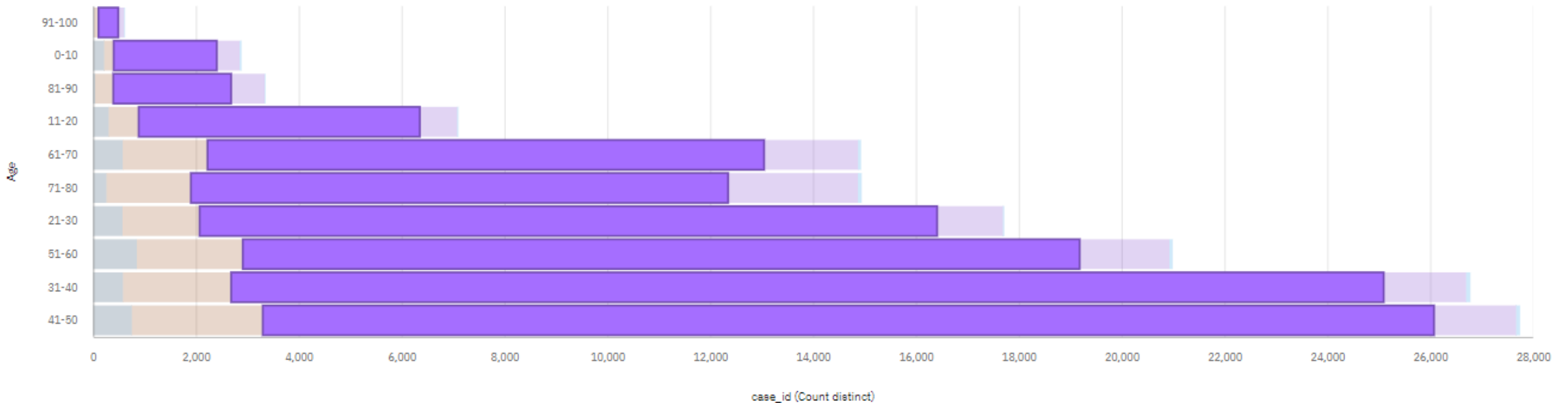
CASE ID BY AGE COLOURED BY DEPARTMENT



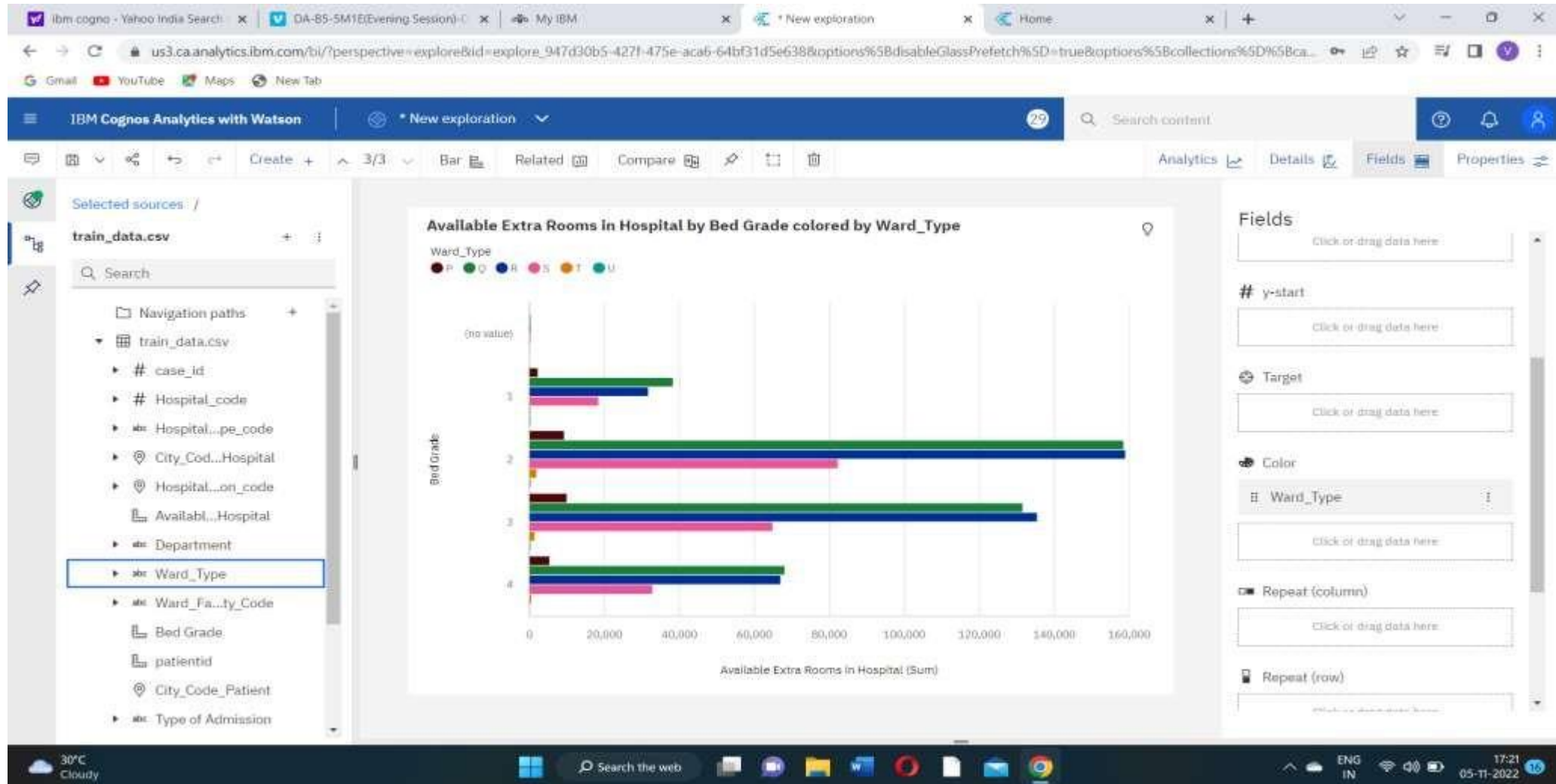
case_id by Age colored by Department

Department

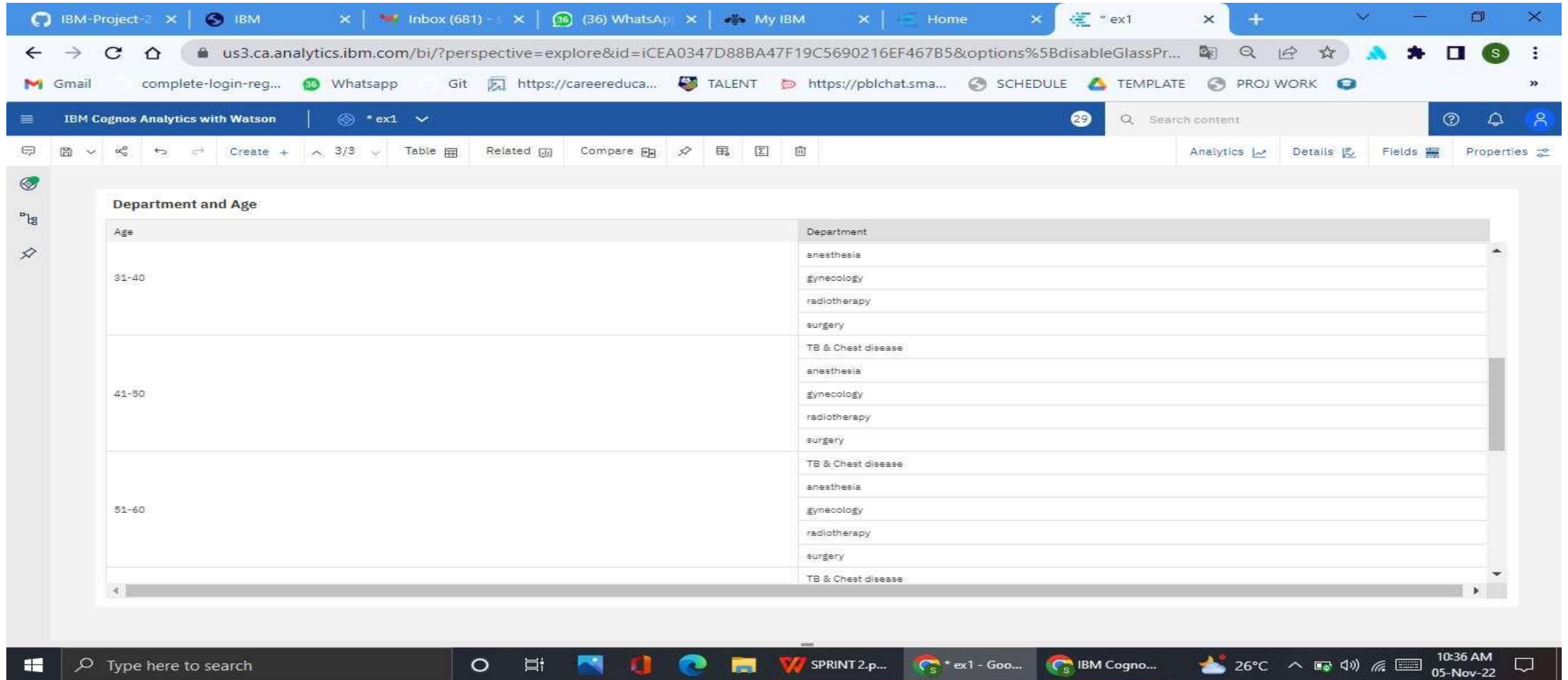
- TB & Chest disease
- anesthesia
- gynecology
- radiotherapy
- surgery



AVAILABILITY OF EXTRA BEDS IN HOSPITAL BY BED GRADE



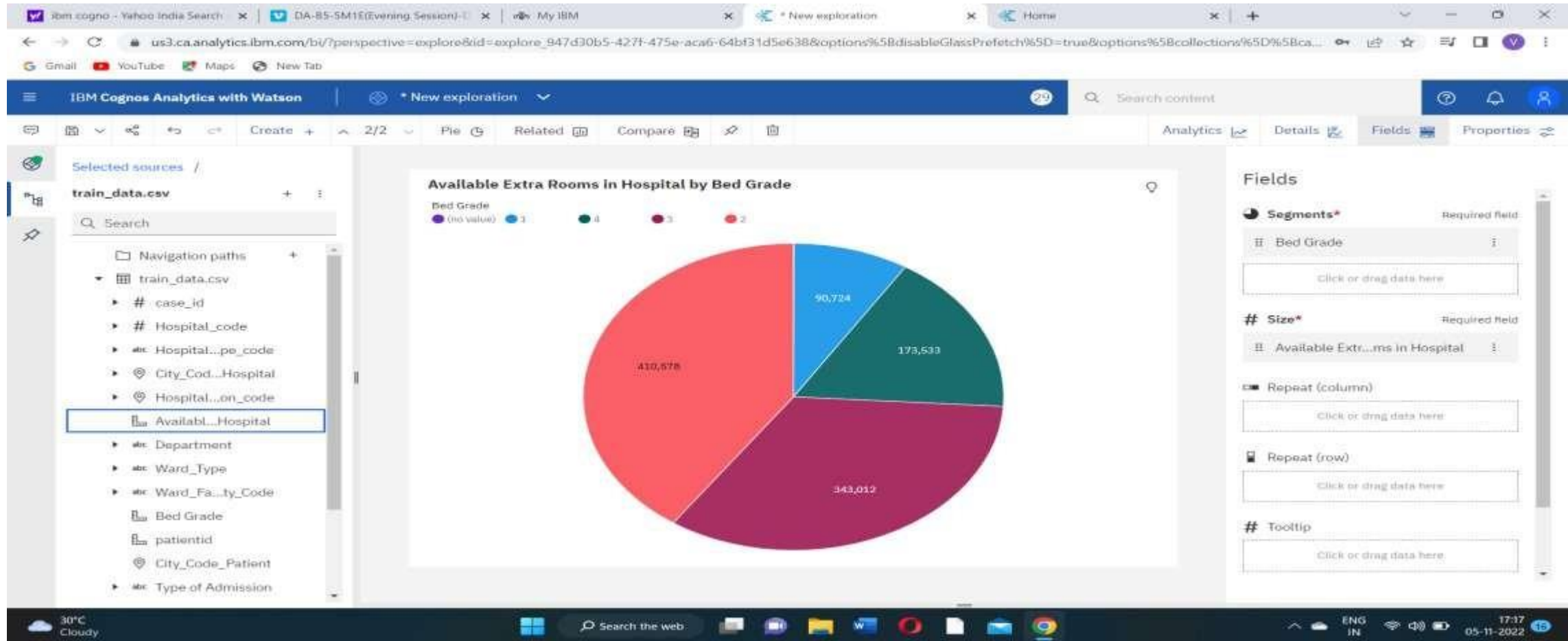
AGE AND DEPARTMENT WISE PATIENT USING TABLE



The screenshot displays the IBM Cognos Analytics interface. The browser address bar shows the URL: us3.ca.analytics.ibm.com/bi/?perspective=explore&id=iCEA0347D88BA47F19C5690216EF467B5&options%5BdisableGlassPr.... The interface includes a top navigation bar with tabs for 'IBM-Project-2', 'IBM', 'Inbox (681)', '(36) WhatsApp', 'My IBM', 'Home', and '* ex1'. Below this is a search bar and a 'Search content' button. The main content area shows a table titled 'Department and Age' with two columns: 'Age' and 'Department'. The table is filtered to show data for three age groups: 31-40, 41-50, and 51-60. The 'Department' column lists various medical departments, including anesthesia, gynecology, radiotherapy, surgery, and TB & Chest disease. The table is displayed in a 'Table' view, and the interface includes standard navigation and tool icons.

Age	Department
31-40	anesthesia
	gynecology
	radiotherapy
	surgery
	TB & Chest disease
41-50	anesthesia
	gynecology
	radiotherapy
	surgery
	TB & Chest disease
51-60	anesthesia
	gynecology
	radiotherapy
	surgery
	TB & Chest disease

AVAILABILITY OF EXTRA ROOMS BY BED GRADE



WARD TYPE FOR BED GRADE AND AVAILABLE EXTRA ROOMS

The screenshot displays the IBM Cognos Analytics interface. The main view is a table titled "Ward_Type for Bed Grade and Available Extra Rooms in Hospital". The table has columns for Ward_Type, 1, 2, 3, 4, and Summary. The data is as follows:

Ward_Type	1	2	3	4	Summary
0	(no value)		3	2	1
1	4	5	5	5	5
2	5	5	6	5	6
3	5	5	6	5	6
4	6	6	6	5	6
5	5	5	5	4	5
6	4	5	4	4	5
7	4	4	4	4	4
8	4	4	4	4	4
9	3	4	4	3	4
10	2	4	4	3	4
11	1	2	2	2	3
12	1	2	2	2	2
13	(no value)	1	(no value)	1	1

The interface also shows a left sidebar with "Selected sources" and a list of fields including # case_id, # Hospital_code, # Hospital...pe_code, # City_Cod...Hospital, # Hospital...on_code, # Availabl...Hospital, # Department, # Ward_Type, # Ward_Fa...ty_Code, # Bed Grade, # patientid, # City_Code_Patient, and # Type of Admission. The right sidebar shows "Fields" with columns, rows, and values sections. The bottom status bar shows the date 05-11-2022 and time 17:16.