

PROJECT DEVELOPMENT PHASE

SPRINT DELIVERY -2

TEAM ID :PNT2022TMID29950

BATCH NO : B10-4A6E

PROJECT : Analytics for Hospitals Health-Care Data

DATE :05 NOV 2022

ANALYTICS FOR HOSPITAL HEALTH-CARE DATA

PROJECT CONTRIBUTORS

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TEAM ID:PNT2022TMID29950



Project Development Phase

Sprint-1:

- ✓ Data Collection
- ✓ Loading of data
- ✓ Data Preparation

Sprint-3:

- ✓ Dashboard Creation

Sprint-2:

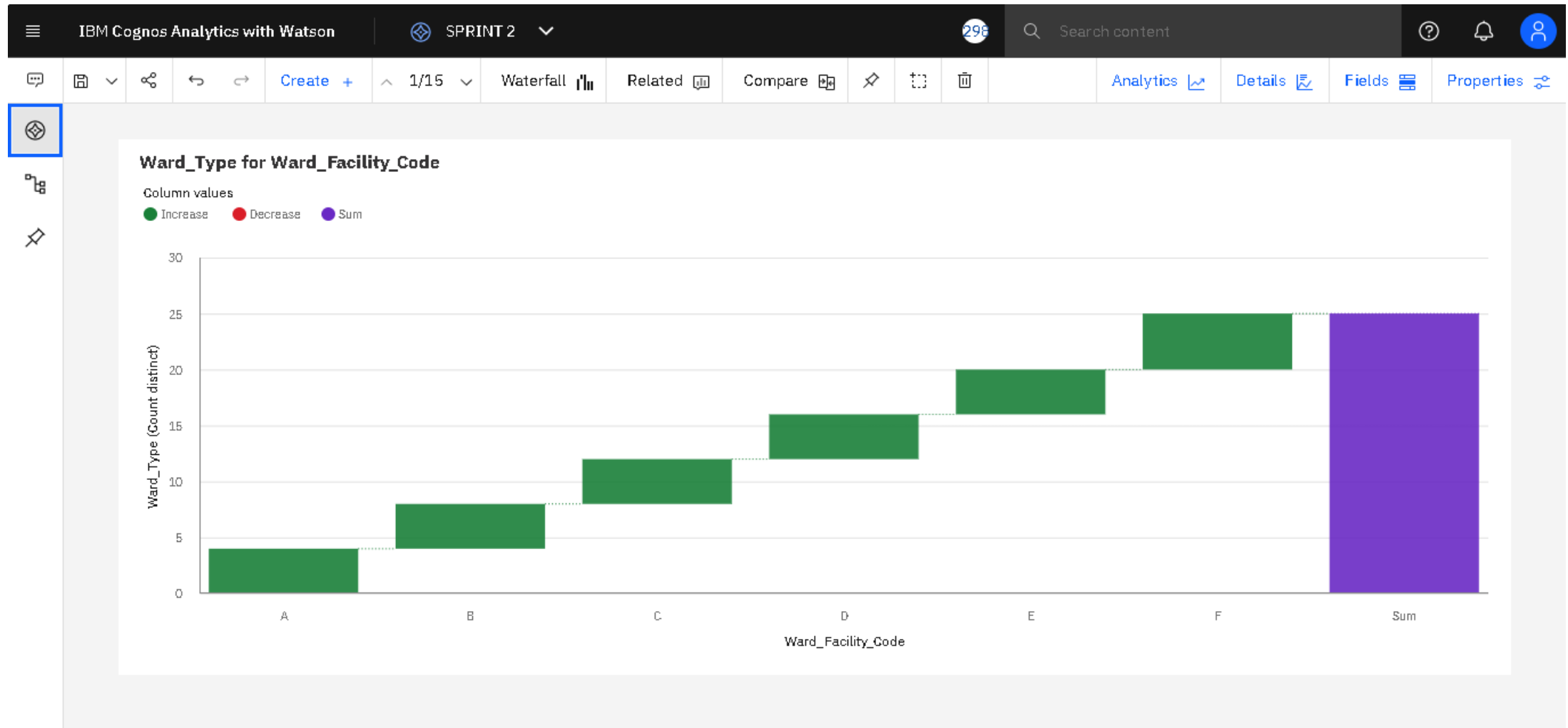
- ✓ Data Exploration
- ✓ Data Visualization

Sprint-4:

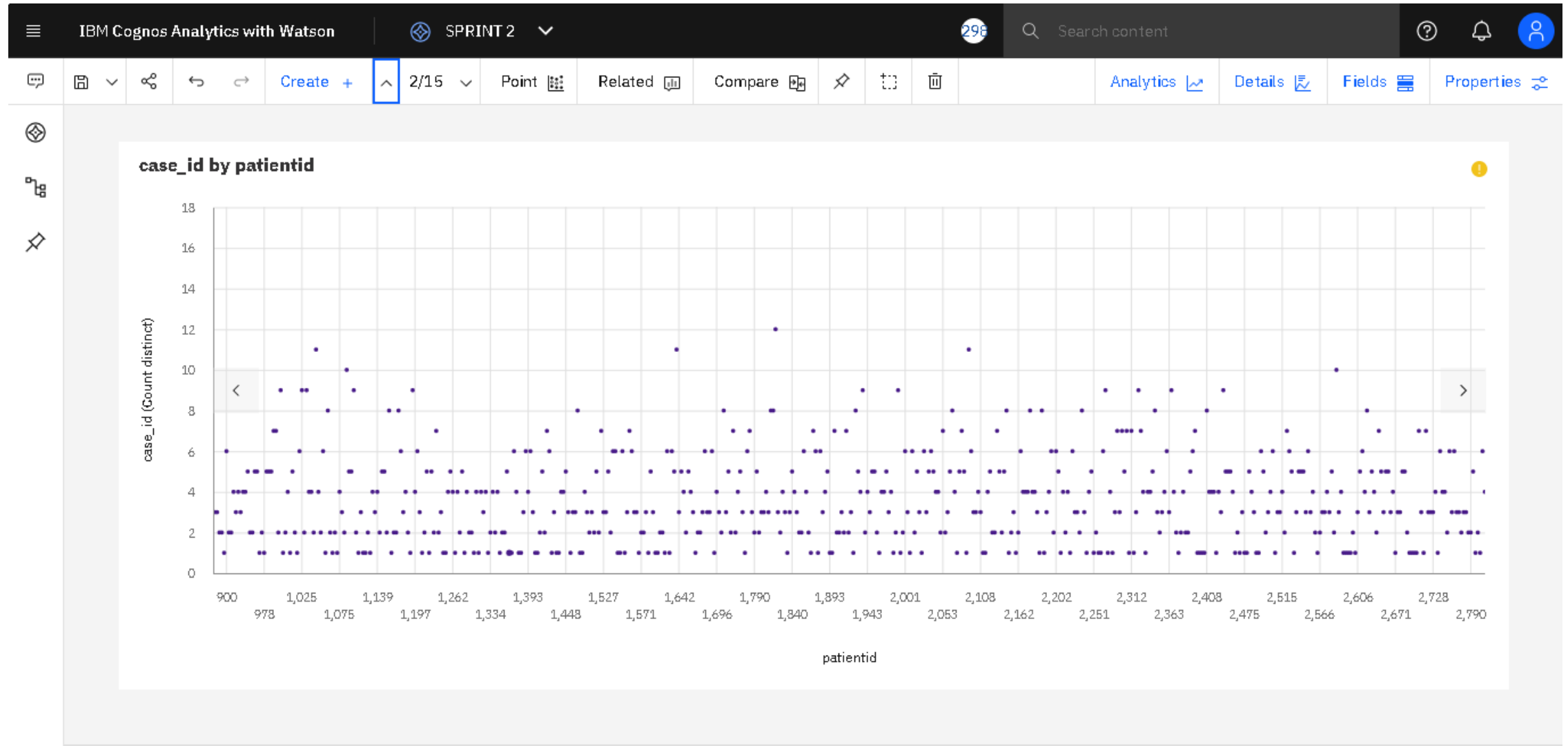
- ✓ Report Creation
- ✓ Story Creation

DATA EXPLORATION

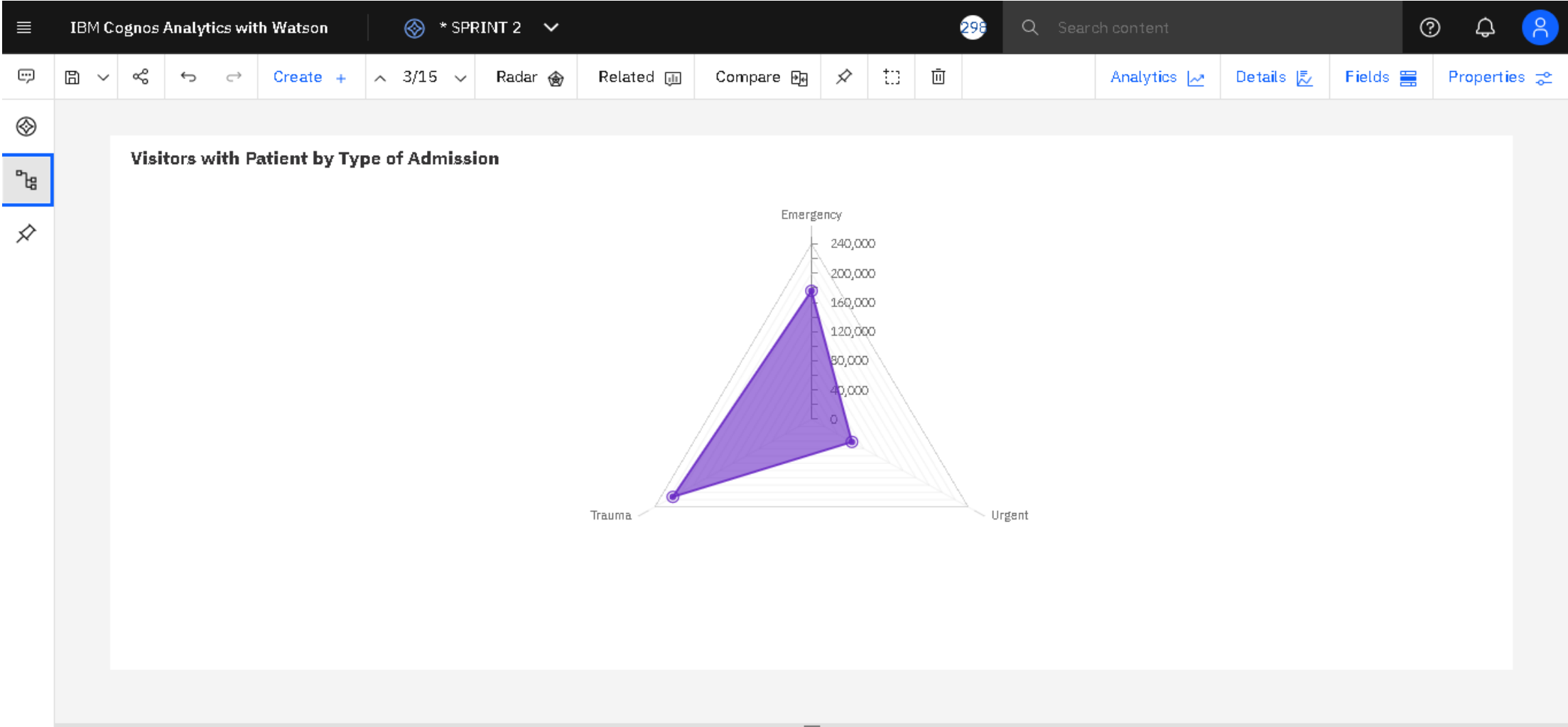
Ward_Type for Ward_Facility_Code:



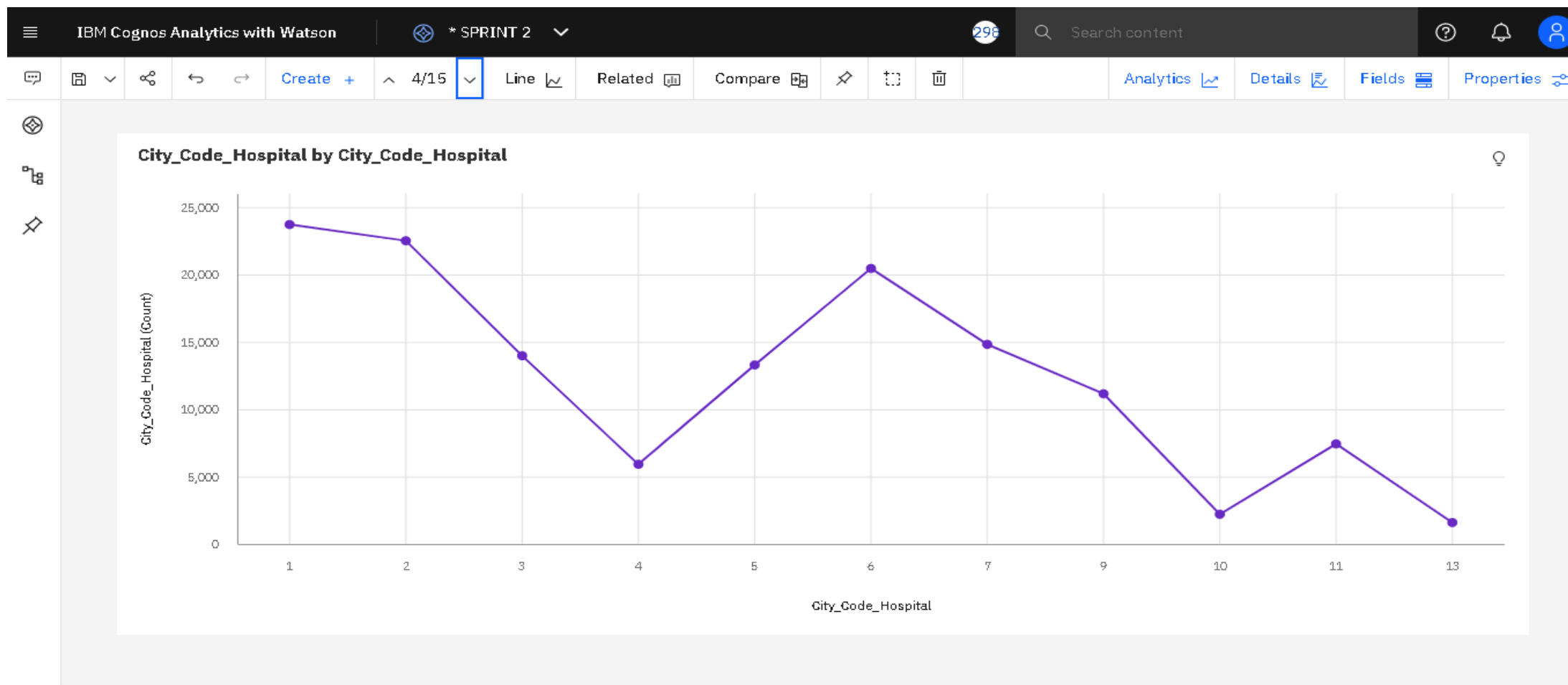
Case_id by Patient id:



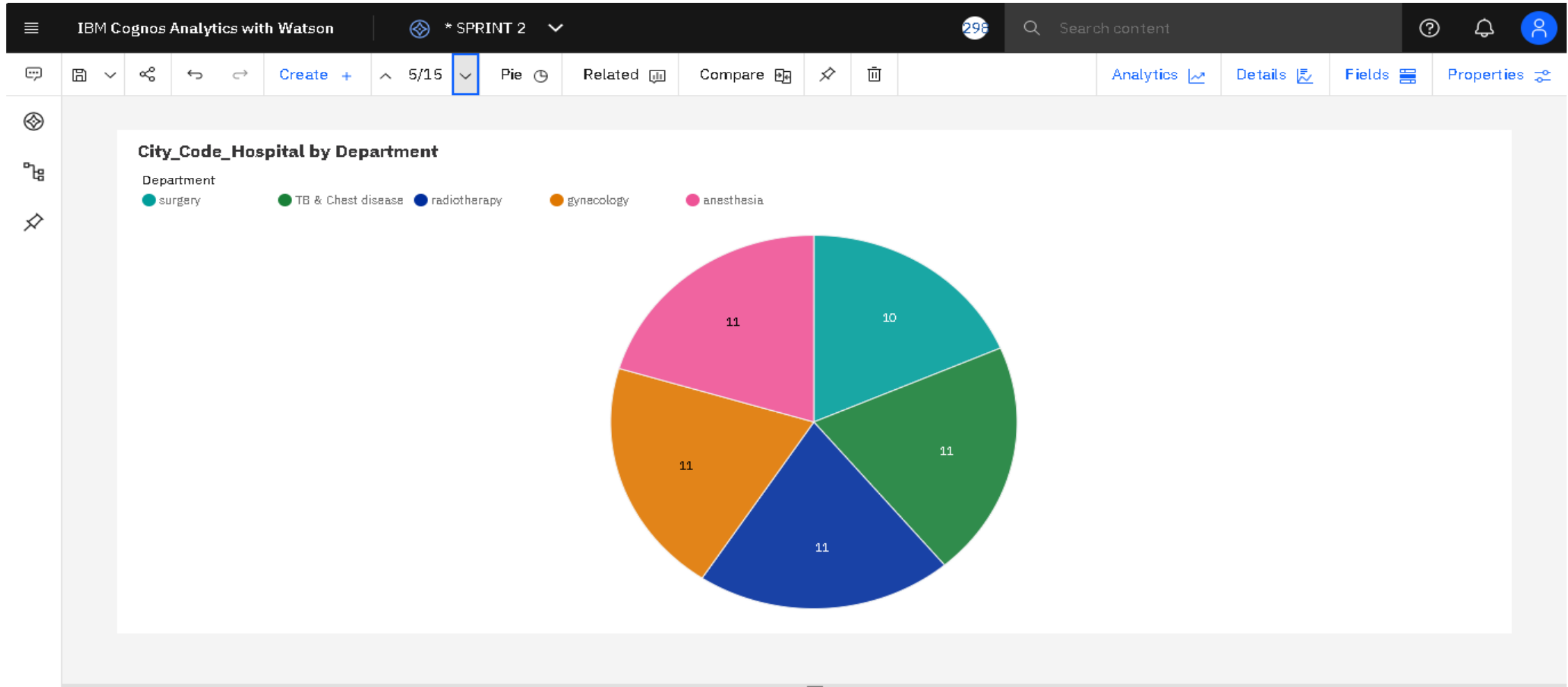
Visitors with Patient by Type of Admission:



City_Code_Hospital by City_code_Hospital:

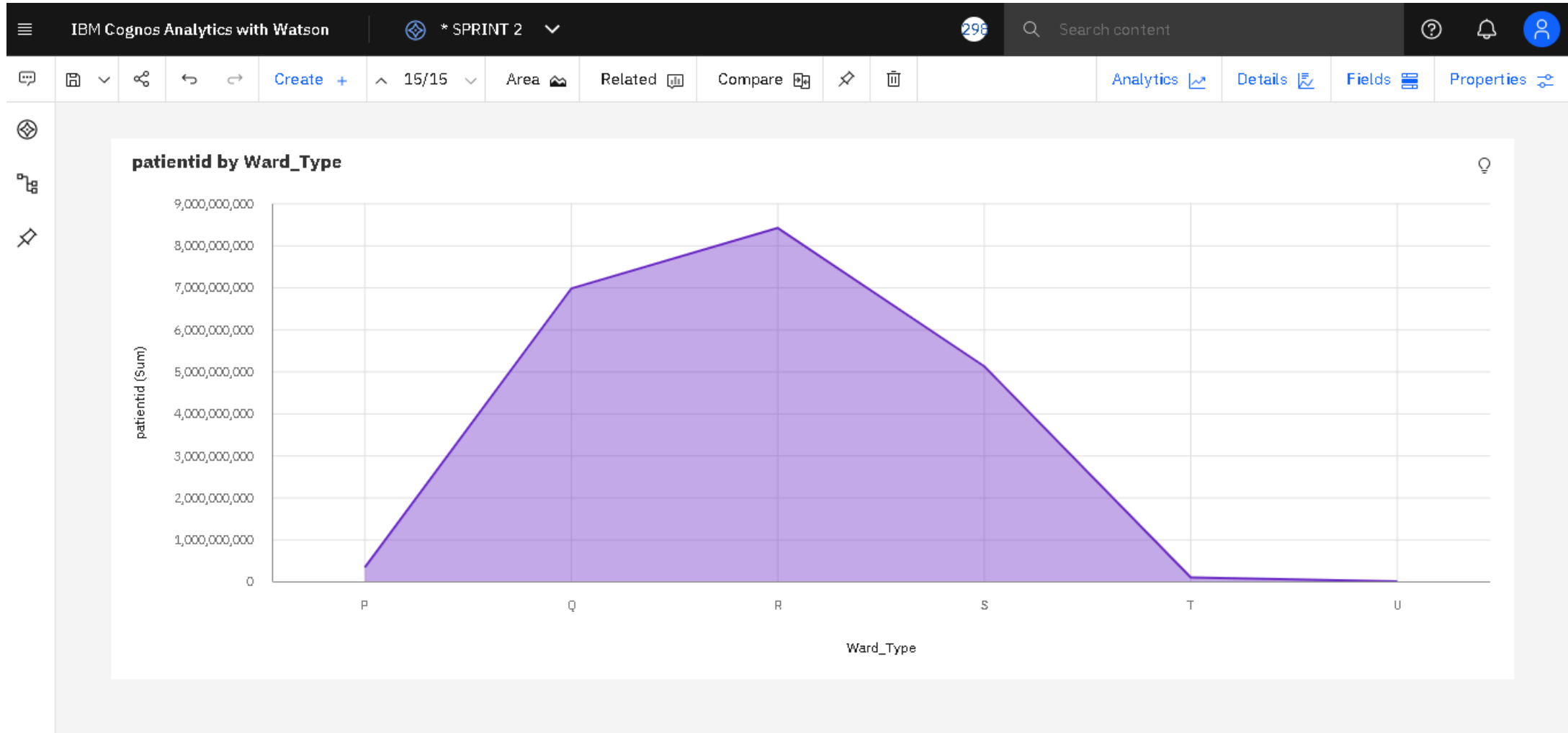


City_Code_Hospital by Department:

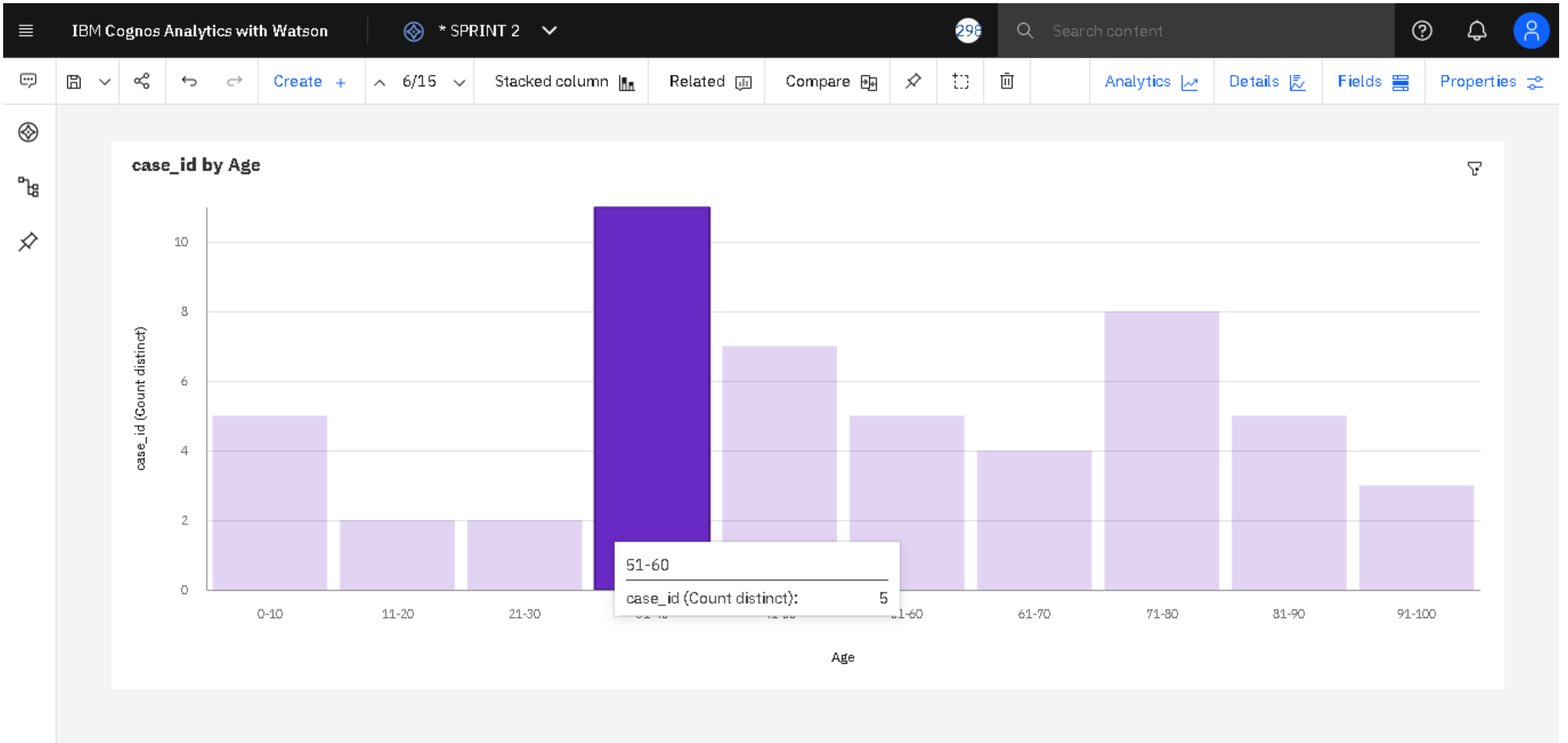


DATA VISUALIZATIONS

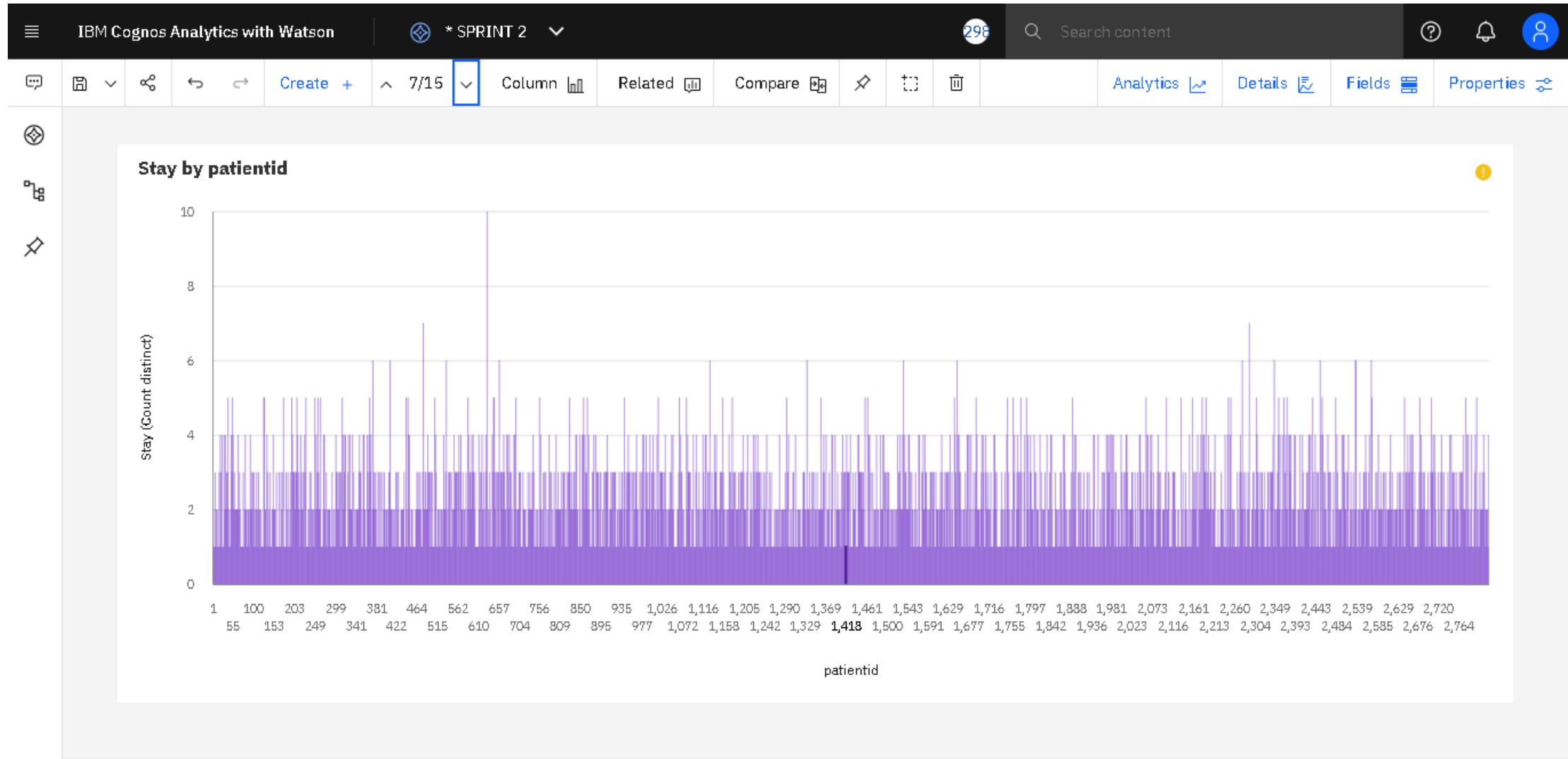
1.NUMBER OF PATIENTS BY WARD TYPE



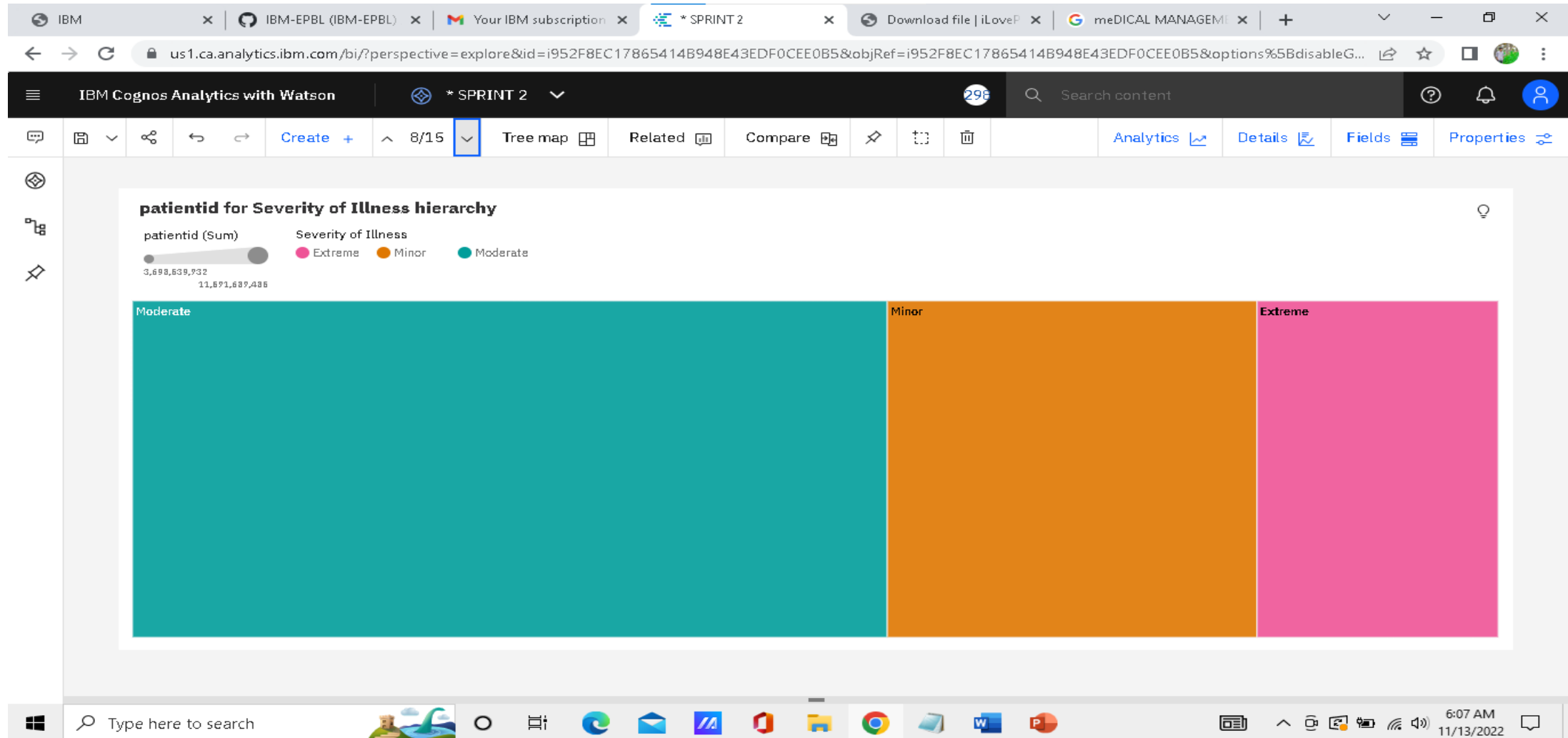
AGE WISE PATIENTS WITH DEPARTMENT AND SEVERITY OF ILLNESS



STAY BY PATIENT ID



SEVERITY OF ILLNESS BY PATIENT-ID USING TREE MAP



AGE AND DEPARTMENT WISE PATIENT USING TABLE

IBM Cognos Analytics with Watson

* SPRINT 2

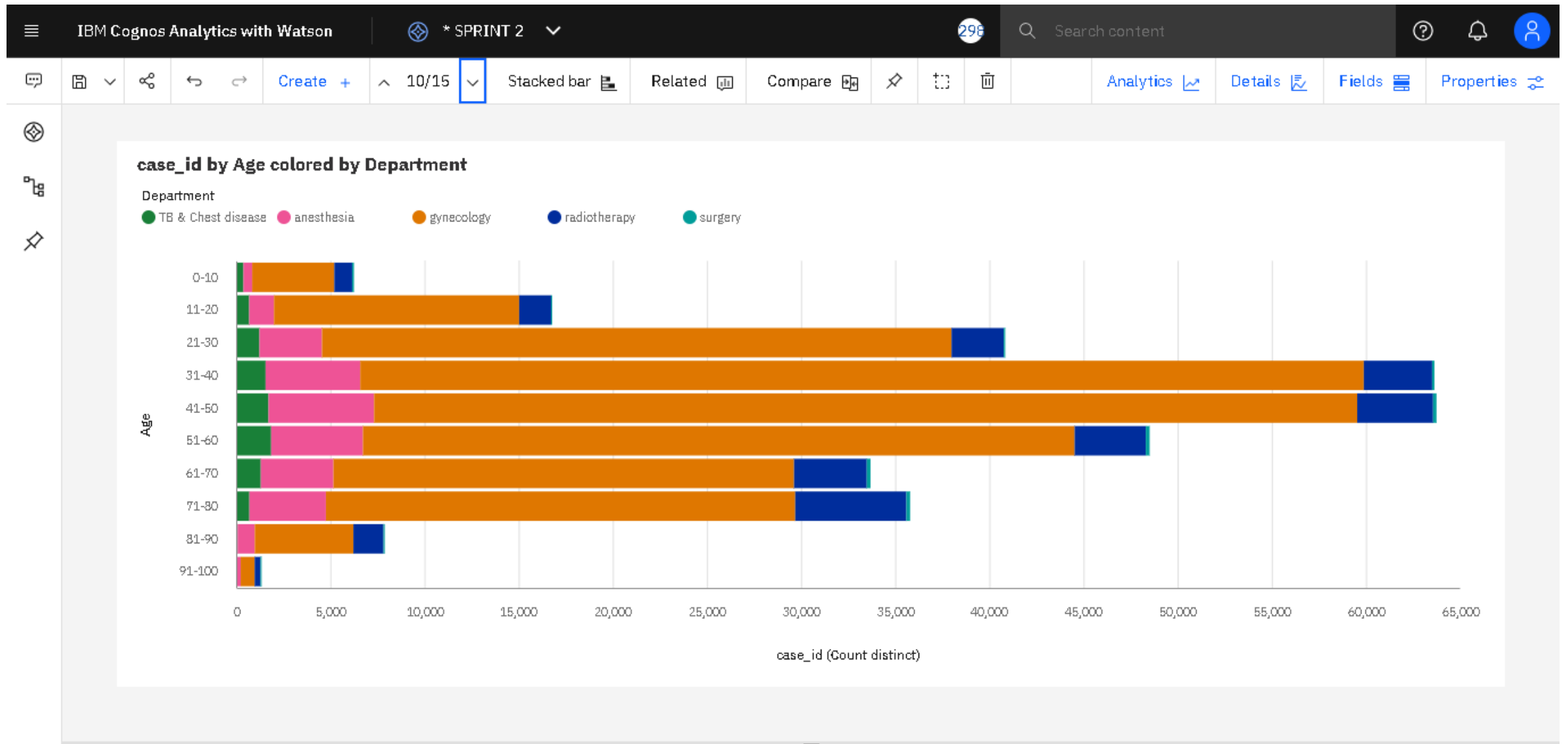
Search content

Age and Department

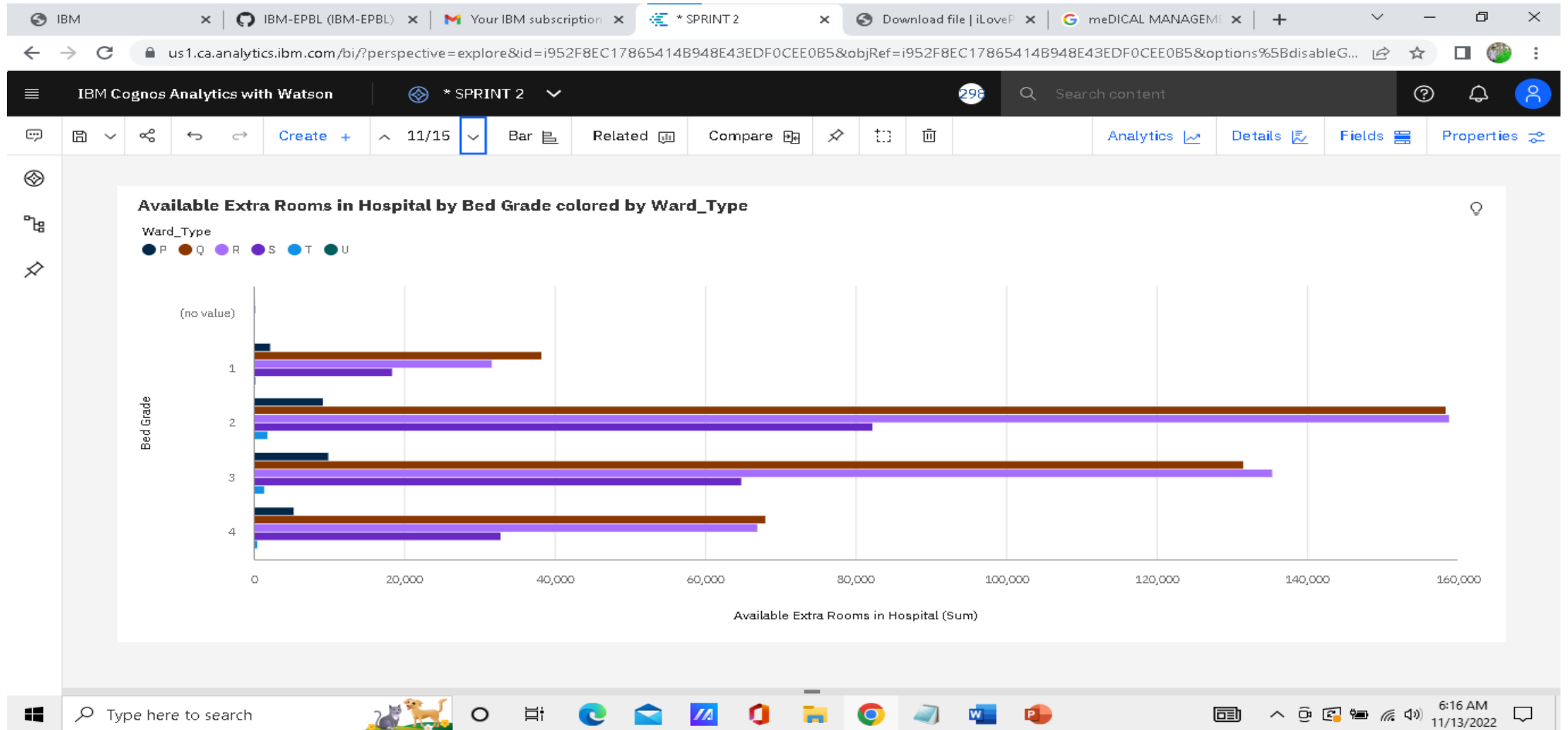
Age	Department
31-40	anesthesia
	gynecology
	radiotherapy
	surgery
41-50	TB & Chest disease
	anesthesia
	gynecology
	radiotherapy
51-60	surgery
	TB & Chest disease
	anesthesia
	gynecology
	radiotherapy

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CASE ID BY AGE COLOURED BY DEPARTMENT



AVAILABILITY OF EXTRA BEDS IN HOSPITAL BY BED GRADE



AGE AND DEPARTMENT WISE PATIENT USING TABLE

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* SPRINT 2

Search content

Create + 12/15 Table Related Compare

Analytics Details Fields Properties

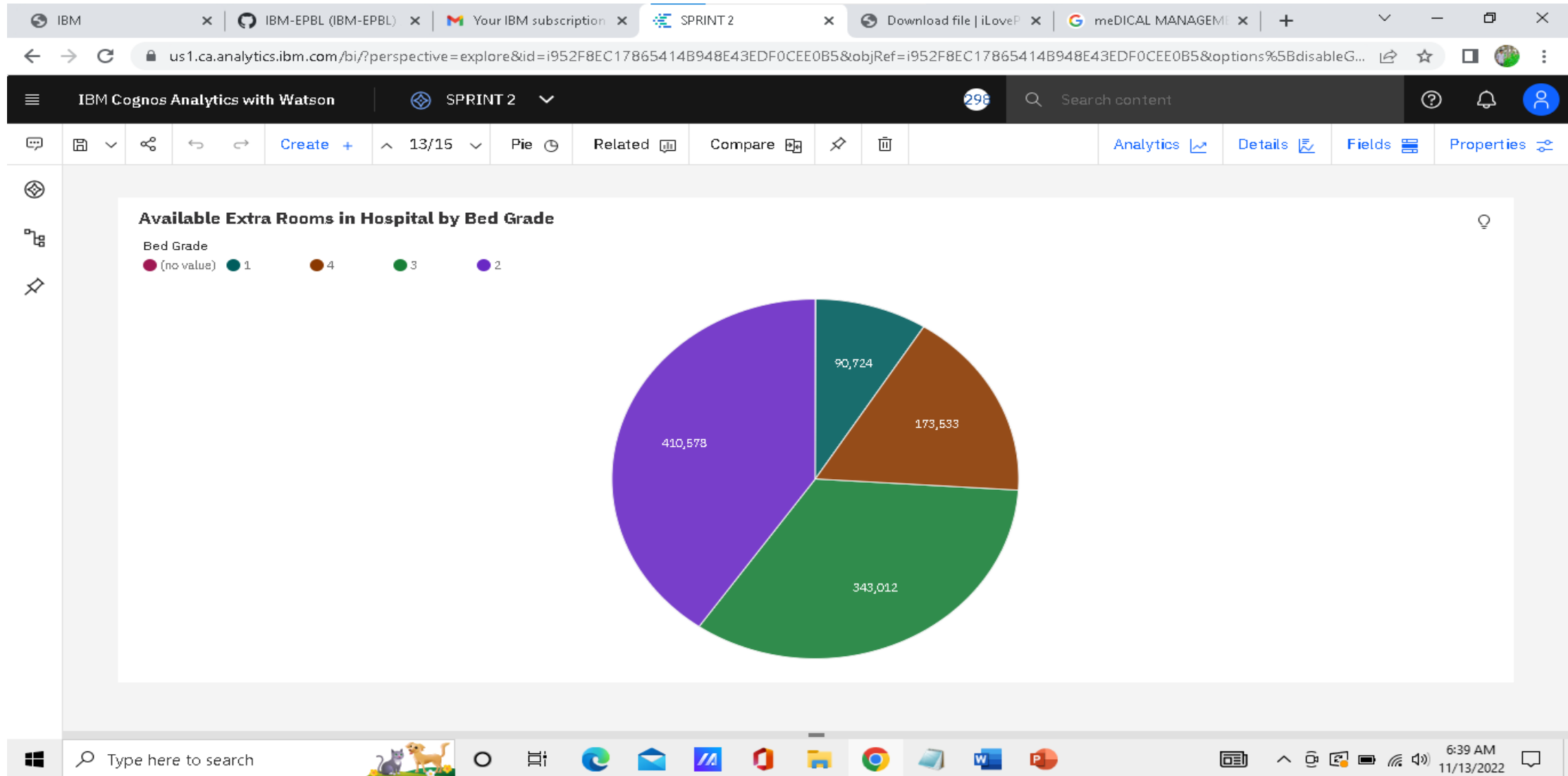
Age and Department

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

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AVAILABILITY OF EXTRA ROOMS BY BED GRADE



WARD TYPE FOR BED GRADE AND AVAILABLE EXTRA ROOMS

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Analytics | Details | Fields | Properties

Create + ^ 14/15 ▾ Crosstab | Related | Compare | | | | | | | |

Ward_Type for Bed Grade and Available Extra Rooms in Hospital

Ward_Type	1	2	3	4	Summary
0	(no value)	3	2	1	3
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

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