

Project Development Phase

Delivery of Sprint-2

Date	04 NOV 2022
TeamID	PNT2022TMID35335
ProjectName	Analytics for Hospitals' Health-Care Data

Project Development Phase:

Sprint-1:

- Data Collection
- Data Preparation

Sprint-2:

- Data Exploration

Sprint-3:

- Dashboard Creation

Sprint-4:

- Report Creation
- Story Creation

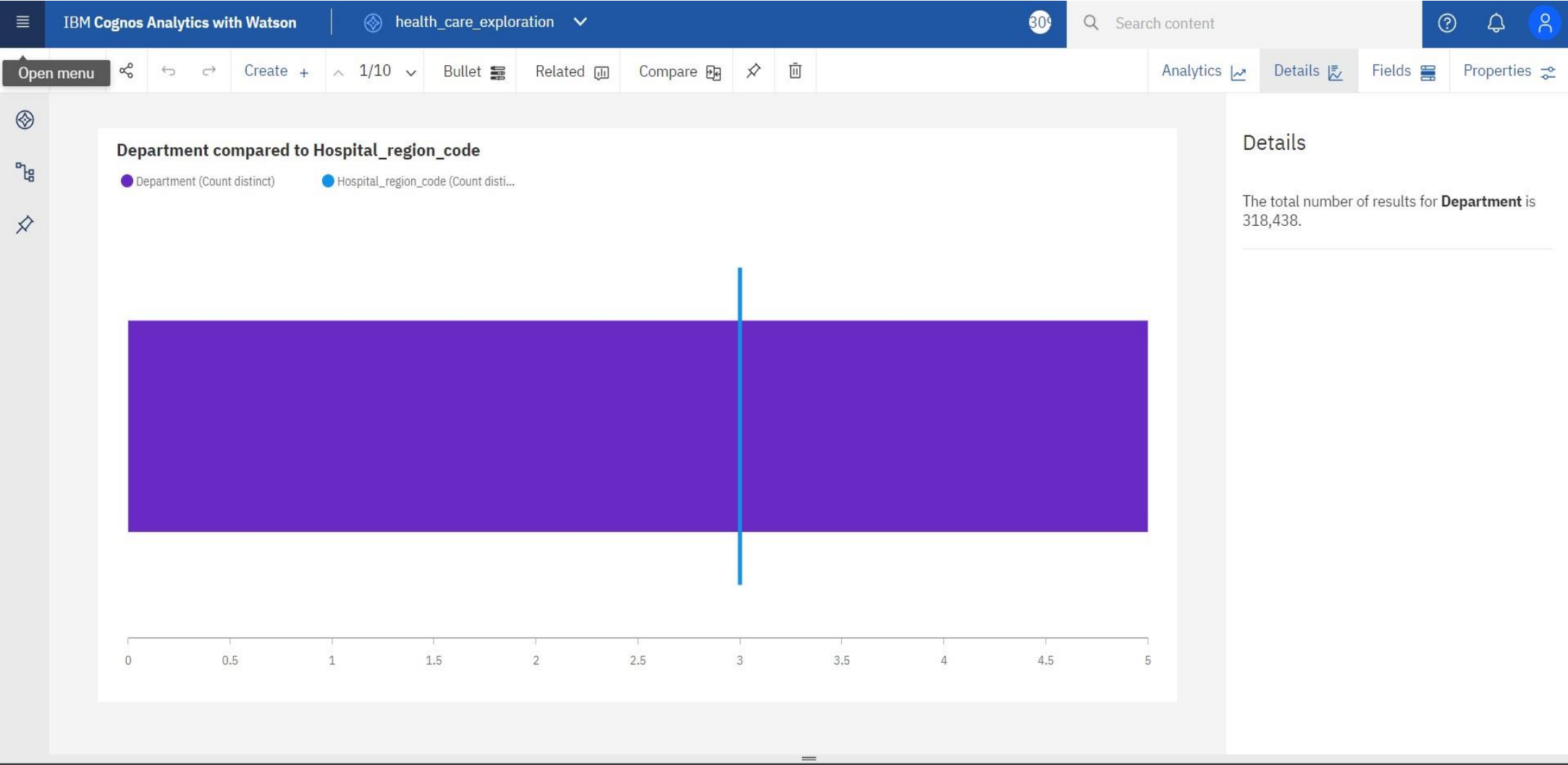
TEAM ID : PNT2022TMID35335

Sprint-2:

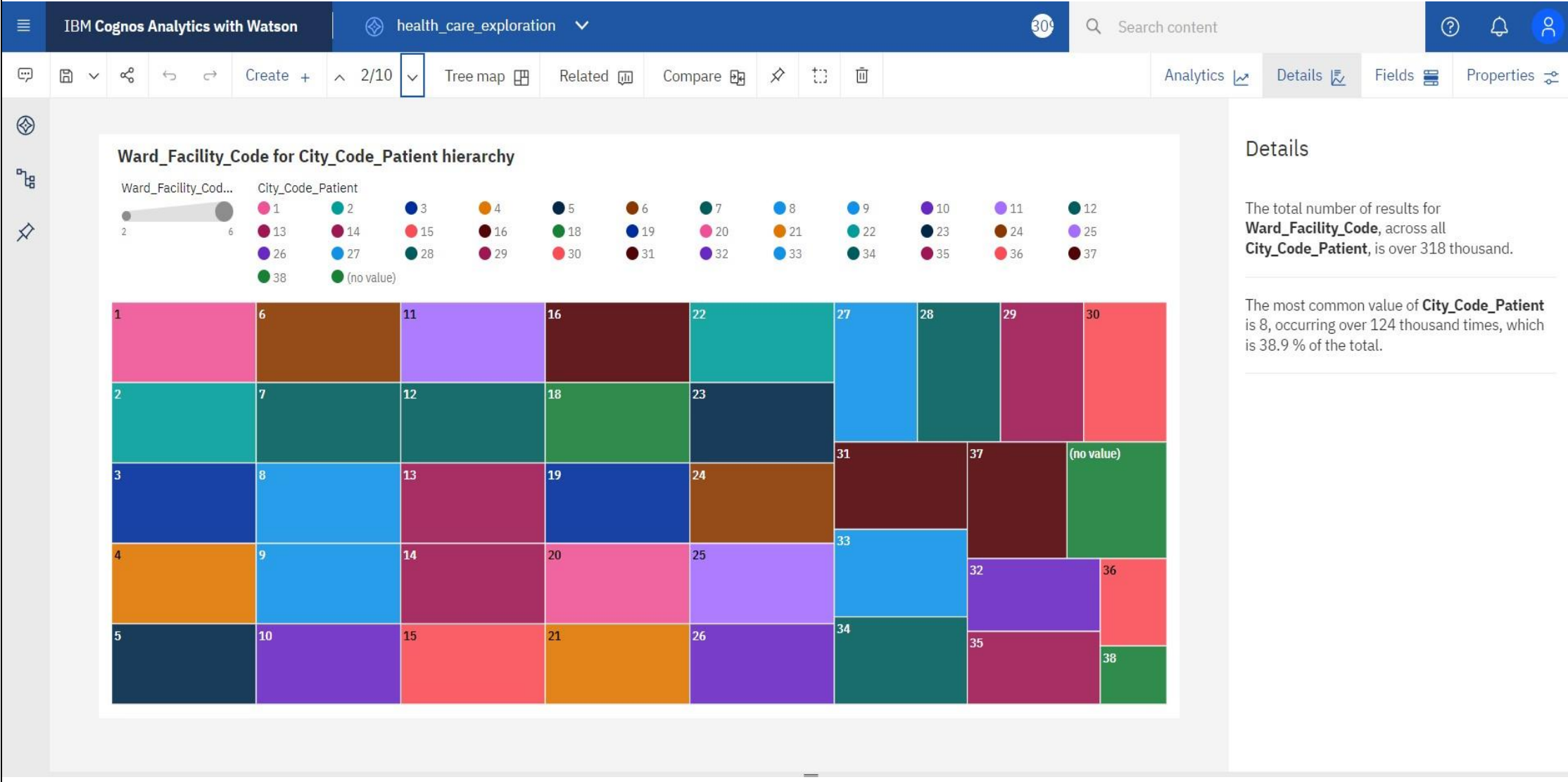
Data Exploration:

- > Department compared to Hospital_region_code
- > Ward_Facility_Code for City_Code_Patient hierarchy
- > case_id by patientid
- > Visitors with Patient by Type of Admission
- > Ward_Type colored by Department sized by Department
- > Hospital_region_code for Hospital_region_code regions
- > City_Code_Hospital by City_Code_Hospital
- > Type of Admission by Department colored by Department
- > City_Code_Hospital by Department
- > Ward_Type for Ward_Facility_Code

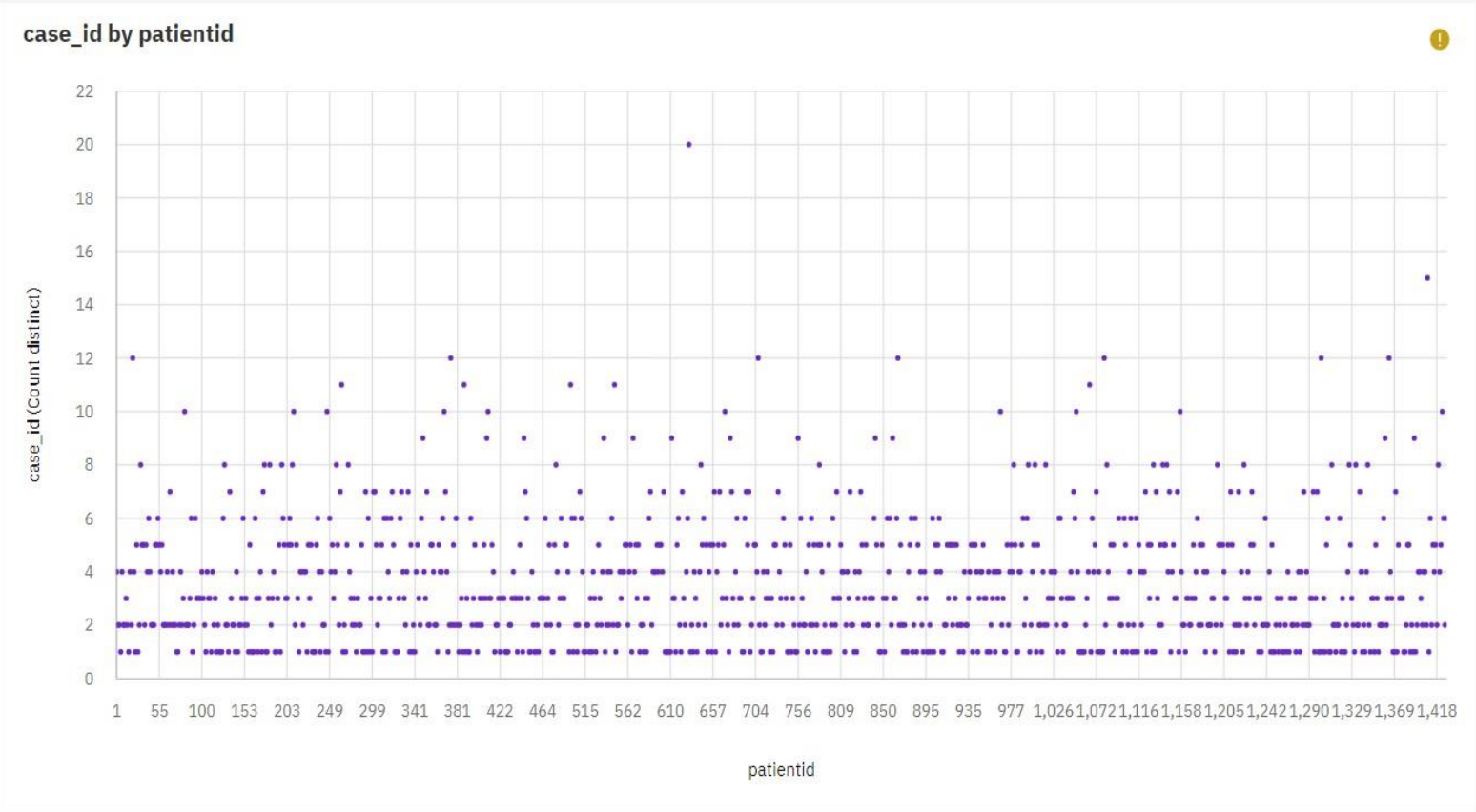
Department compared to Hospital region code:



Ward Facility Code for City Code Patient hierarchy:



case_id by patientid:



Details

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Visitors with Patient by Type of Admission:

IBM Cognos Analytics with Watson

health_care_exploration

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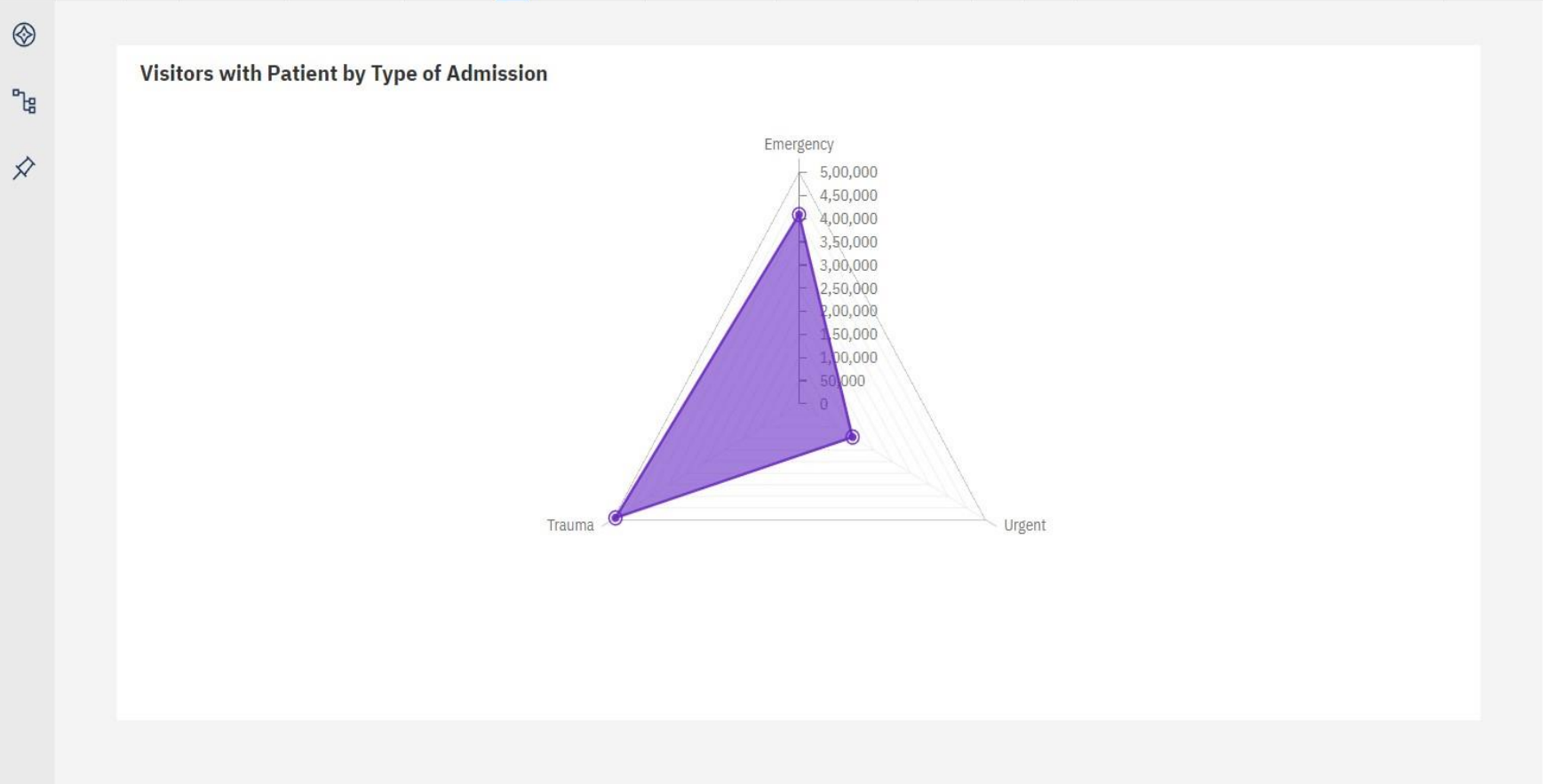
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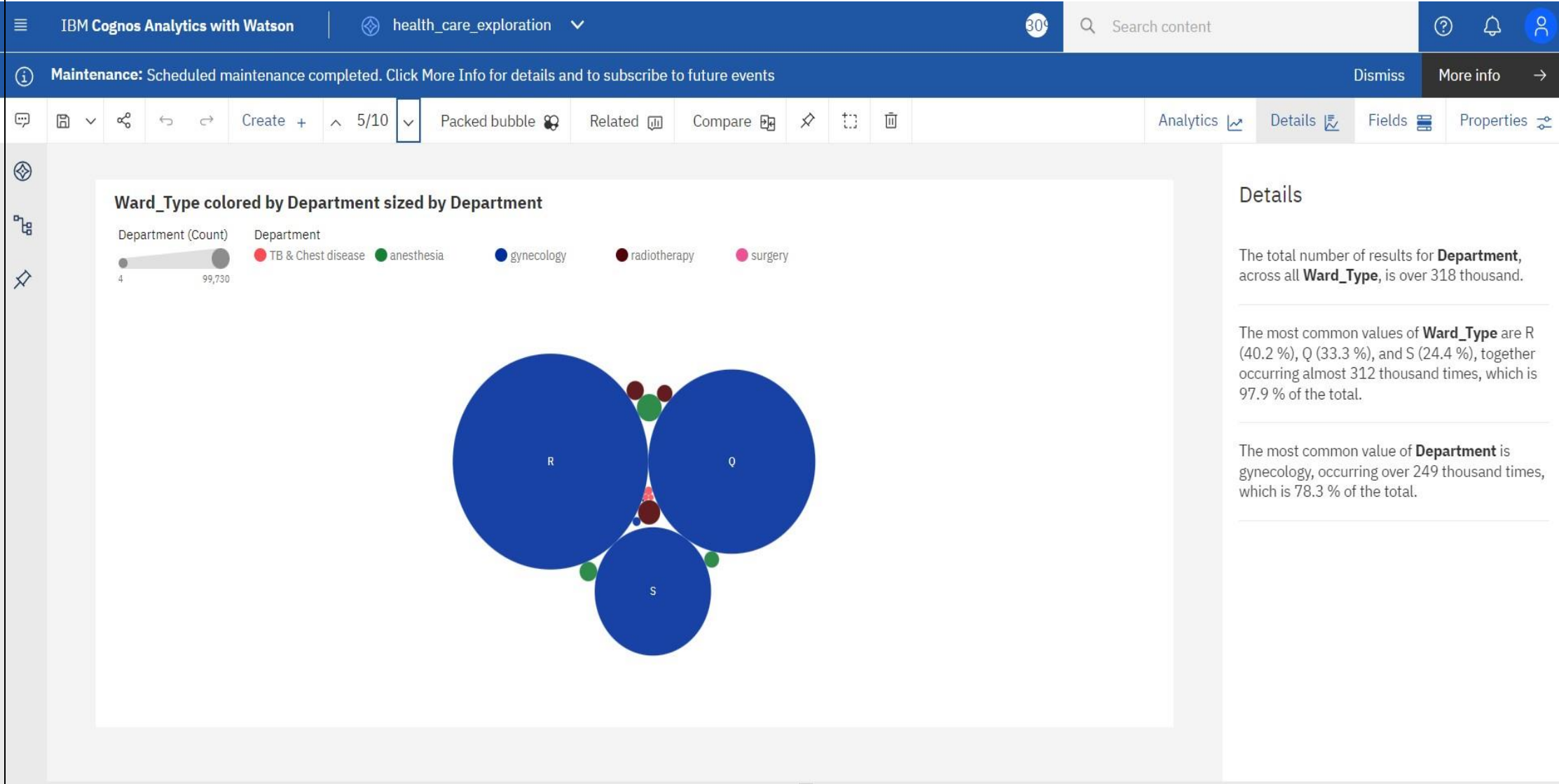
Details



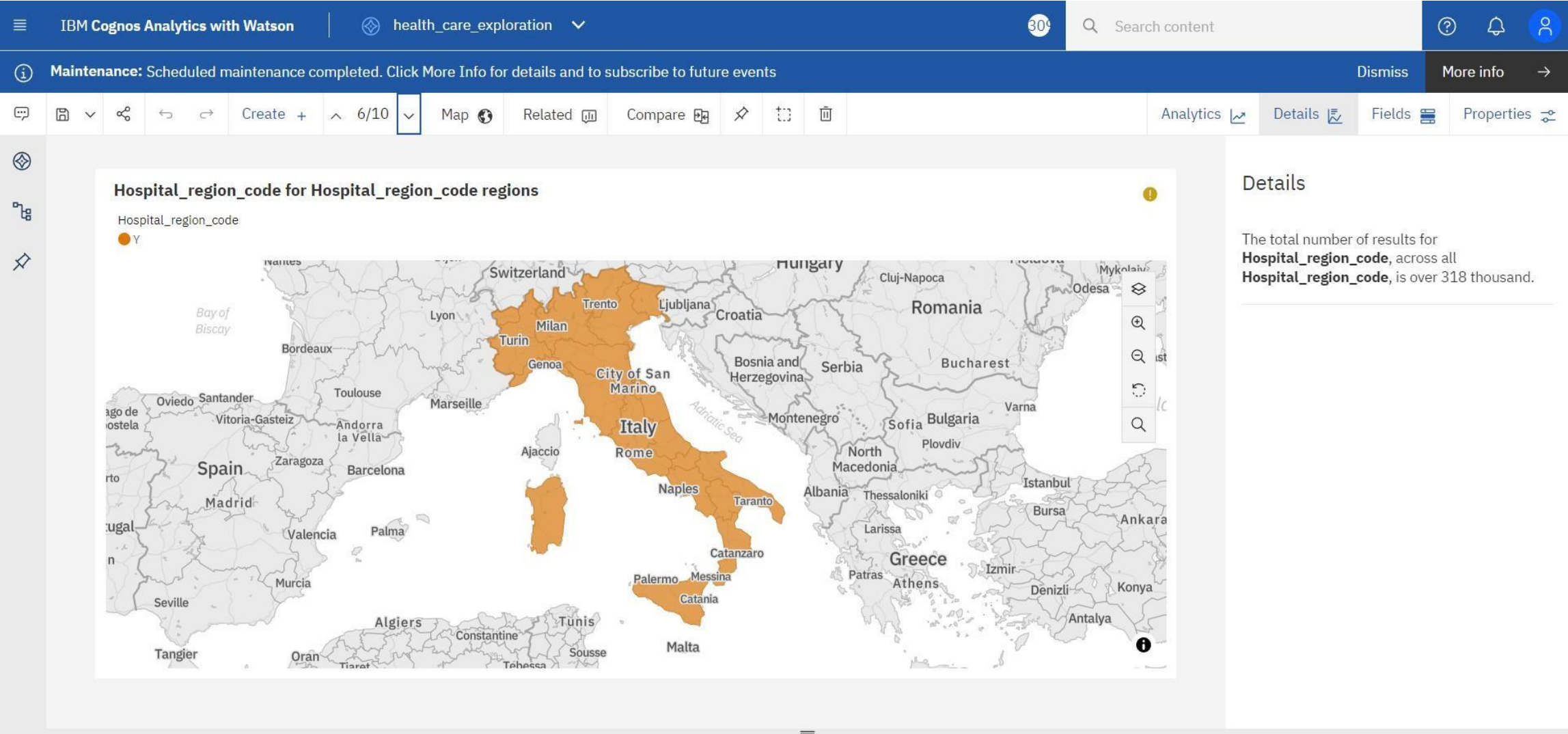
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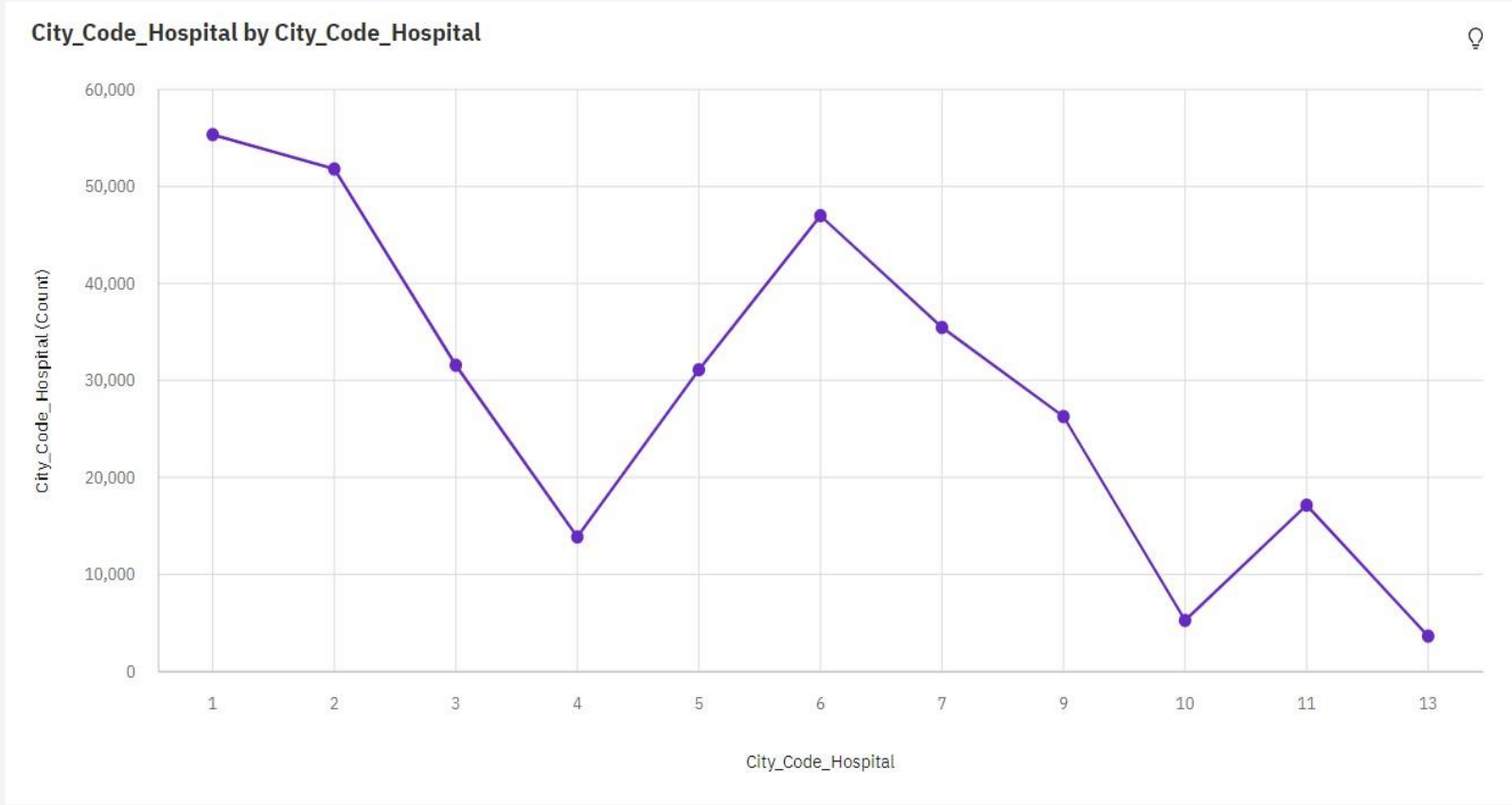
Ward_Type colored by Department sized by Department:



Hospital_region_code for Hospital_region_code regions:



City_Code_Hospital by City_Code_Hospital:



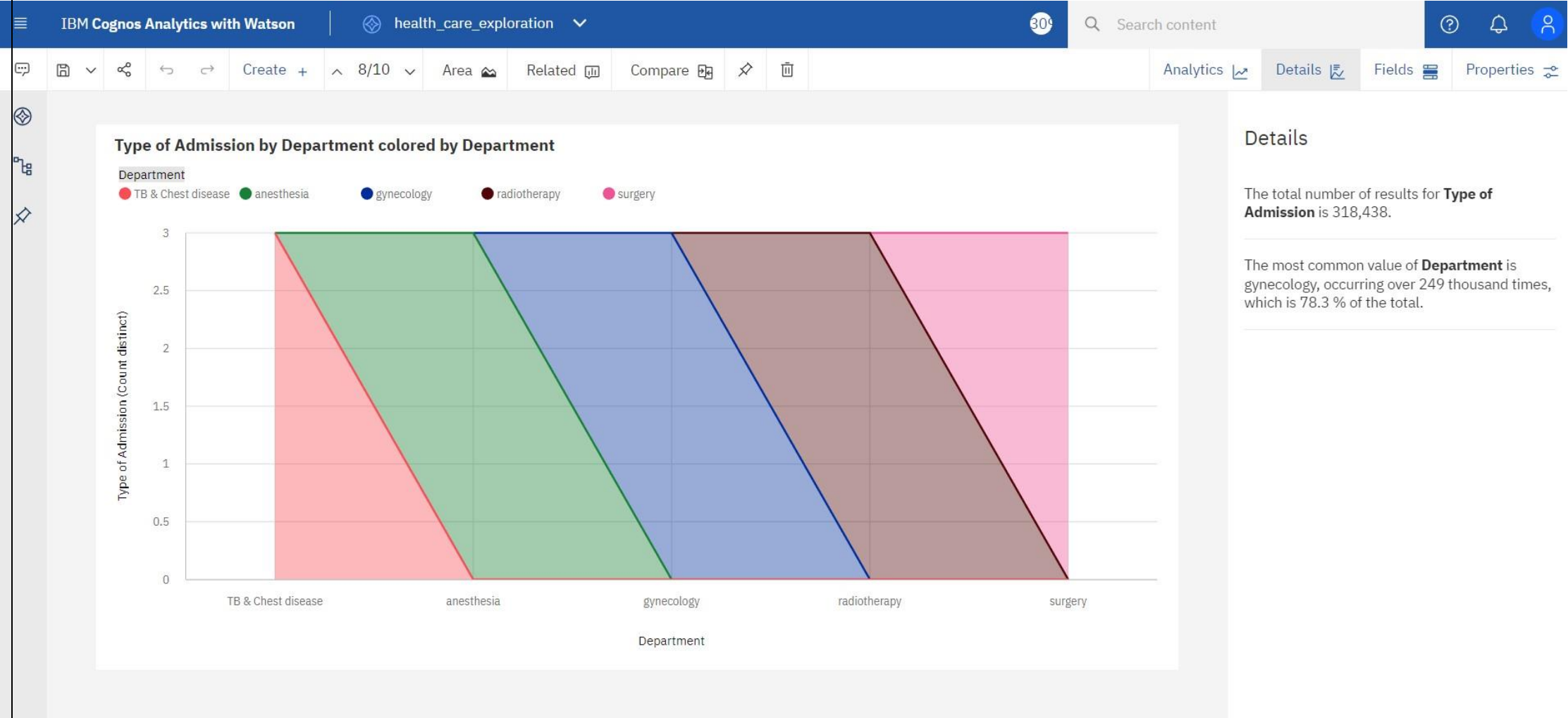
Details

The total number of results for **City_Code_Hospital**, across all **City_Code_Hospital**, is over 318 thousand.

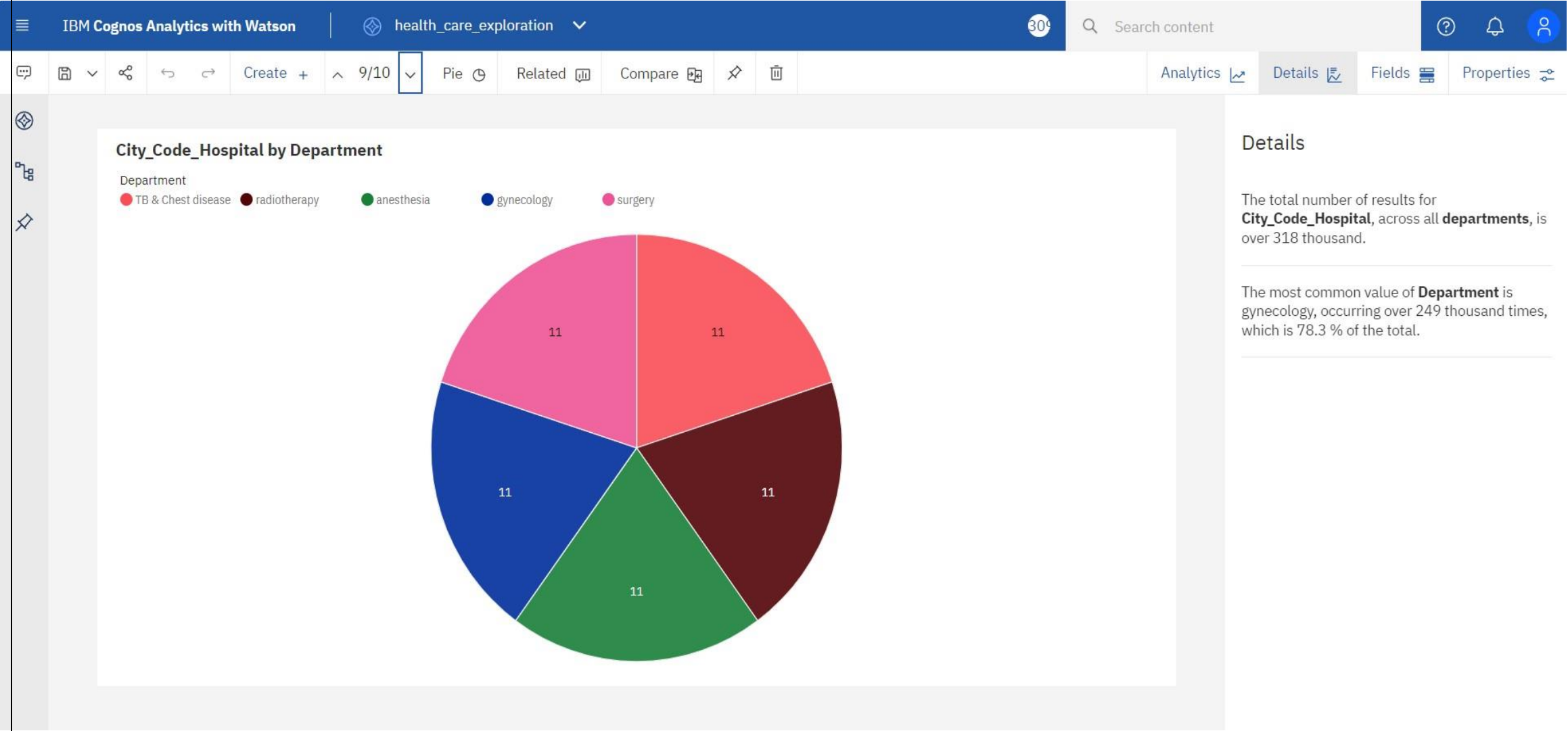
The most common values of **City_Code_Hospital** are 1 (17.4 %), 2 (16.3 %), and 6 (14.8 %), together occurring over 154 thousand times, which is 48.4 % of the total.

The counts are most unusual when the values of **City_Code_Hospital** are 1, 13, 10 and 2.

Type of Admission by Department colored by Department:



City Code Hospital by Department:



City_Code_Hospital by Department

Department

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

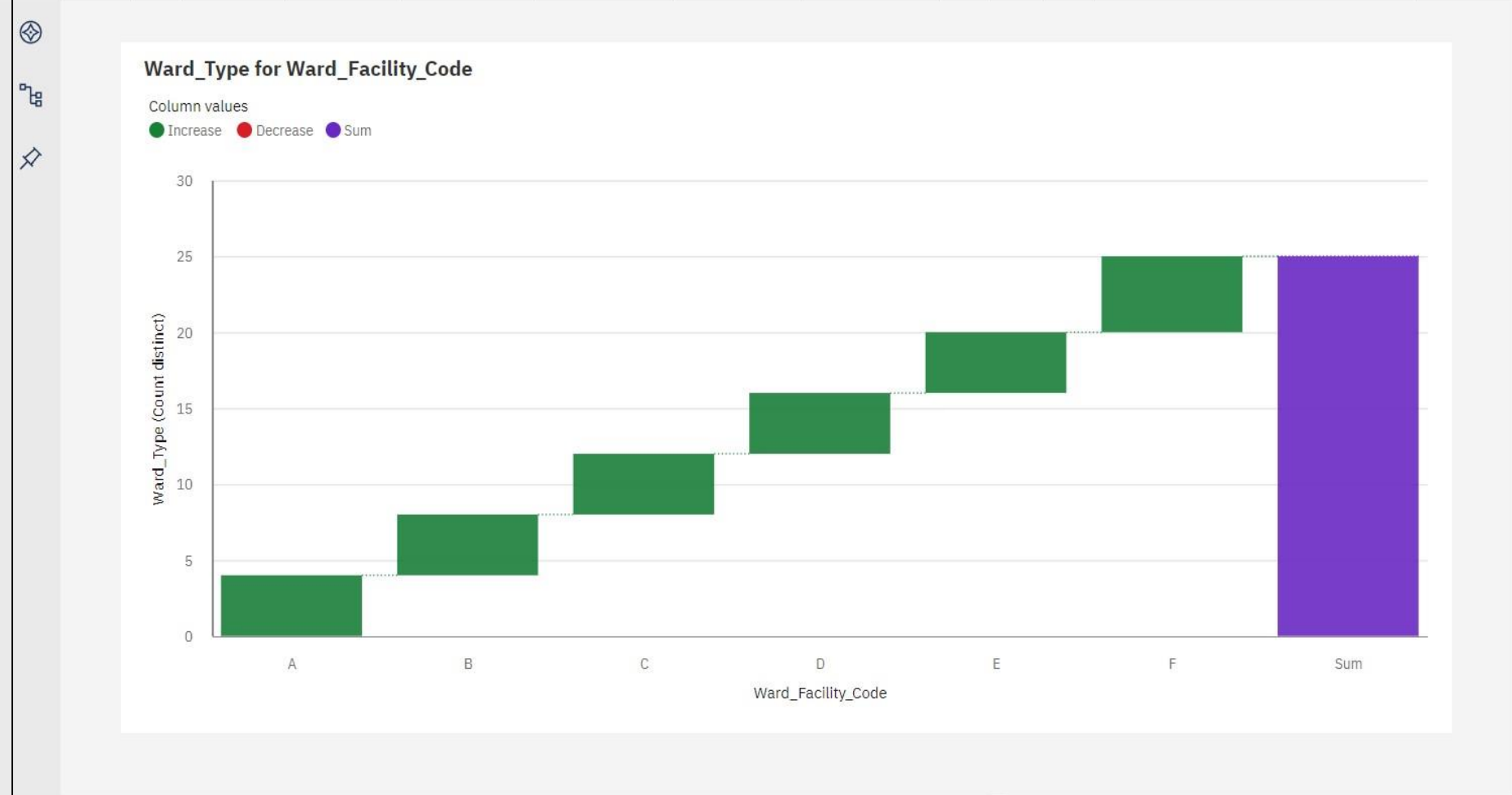
Department	Count
TB & Chest disease	11
radiotherapy	11
anesthesia	11
gynecology	11
surgery	11

Details

The total number of results for **City_Code_Hospital**, across all **departments**, is over 318 thousand.

The most common value of **Department** is gynecology, occurring over 249 thousand times, which is 78.3 % of the total.

Ward Type for Ward Facility Code:



Details

The total number of results for **Ward_Type**, across all **Ward_Facility_Code**, is over 318 thousand.

The most common value of **Ward_Facility_Code** is F, occurring almost 113 thousand times, which is 35.4 % of the total.

Prepared data link :

https://us3.ca.analytics.ibm.com/bi/?perspective=explore&pathRef=.my_folders%2Fdata_exploration%2Fhealth_care_exploration&subView=model00000184410946c6_00000000

