

# Project Development Phase

## Delivery of Sprint-2

Date	04 NOV 2022
Team ID	PNT2022TMID39095
Project Name	Analytics for Hospital's 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

# ANALYTICS FOR HOSPITAL'S HEALTH – CARE DATA

## PROJECT CONTRIBUTORS

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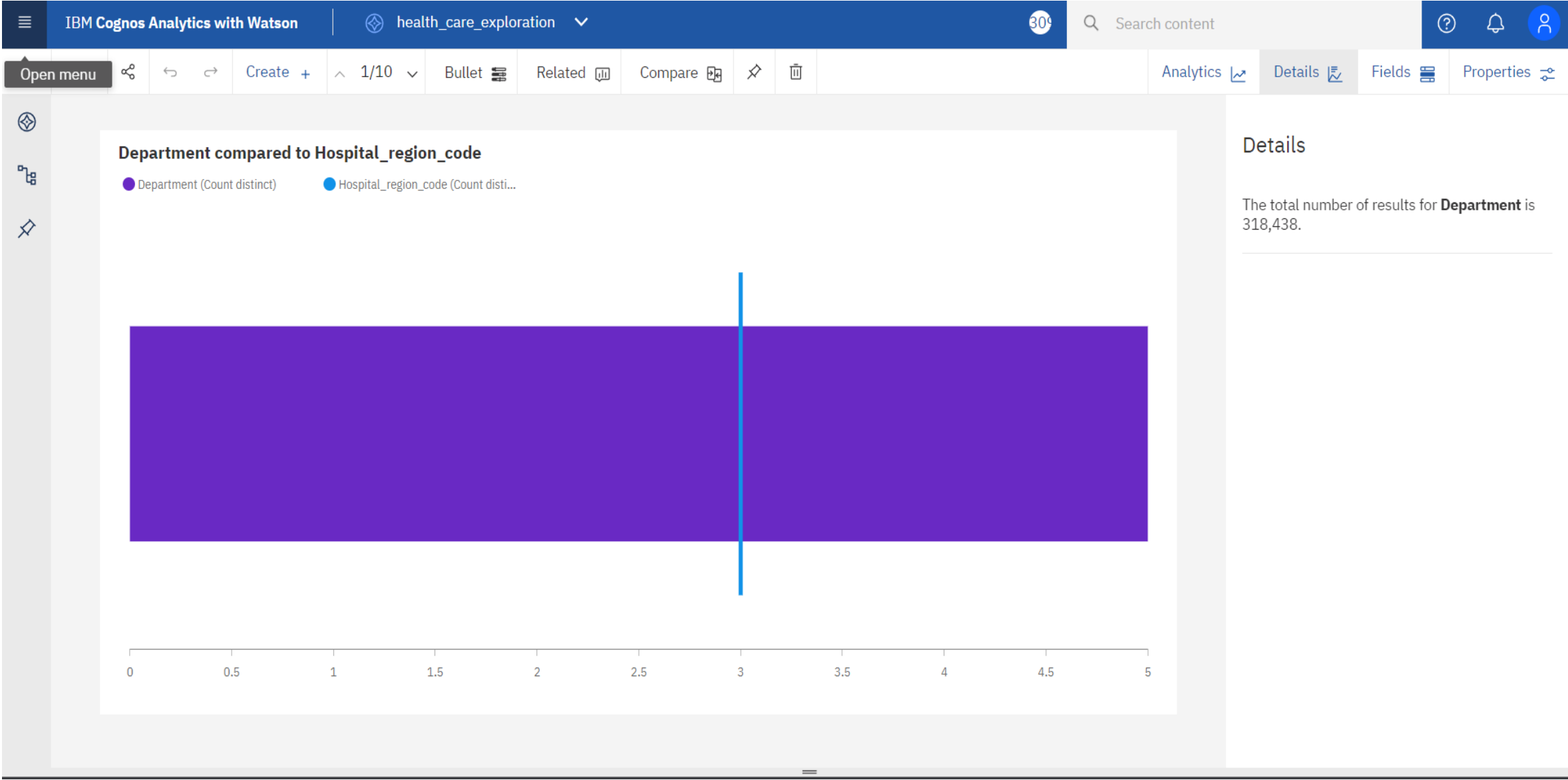
TEAM ID : PNT2022TMID39095

## **Sprint-2:**

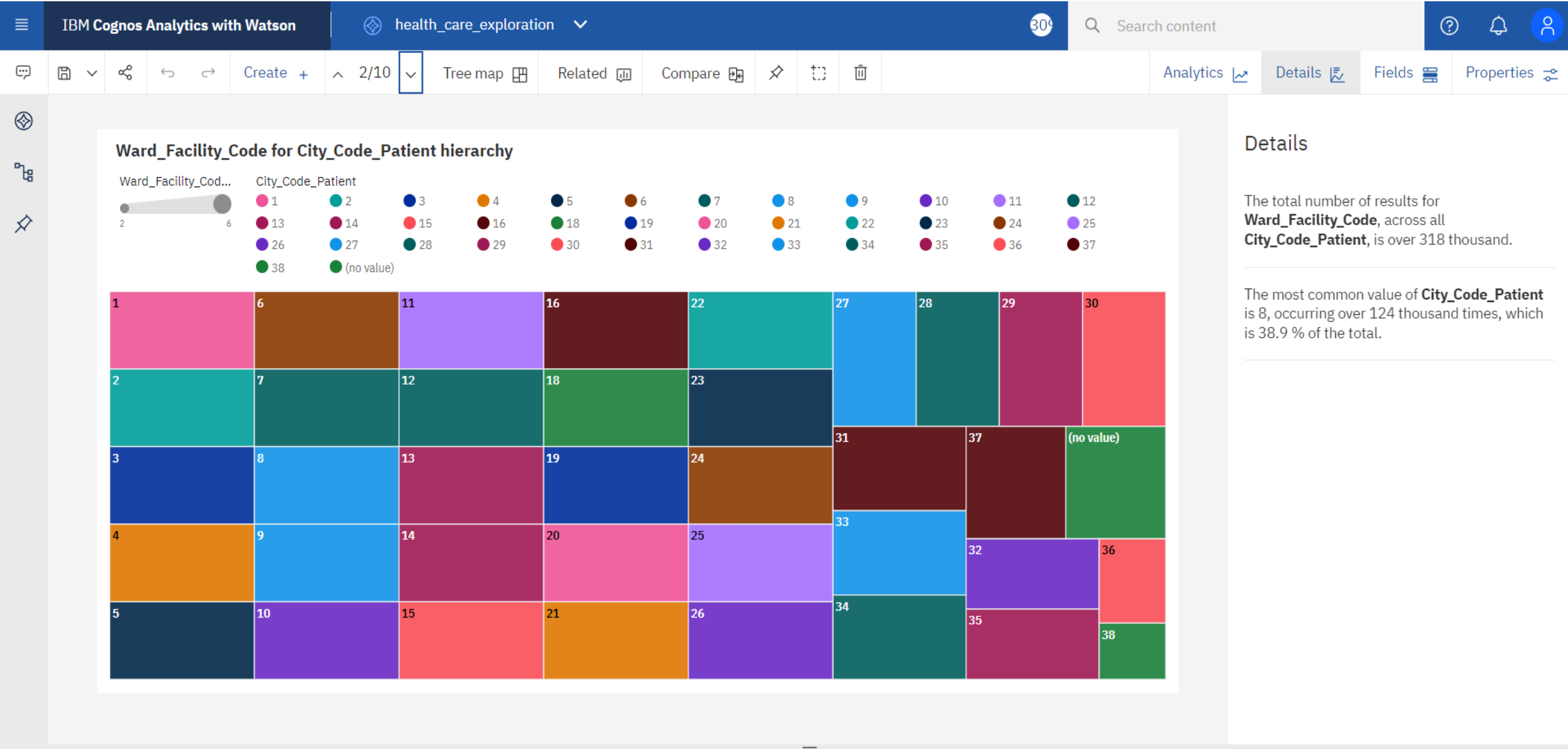
### **Data Exploration:**

- > 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**

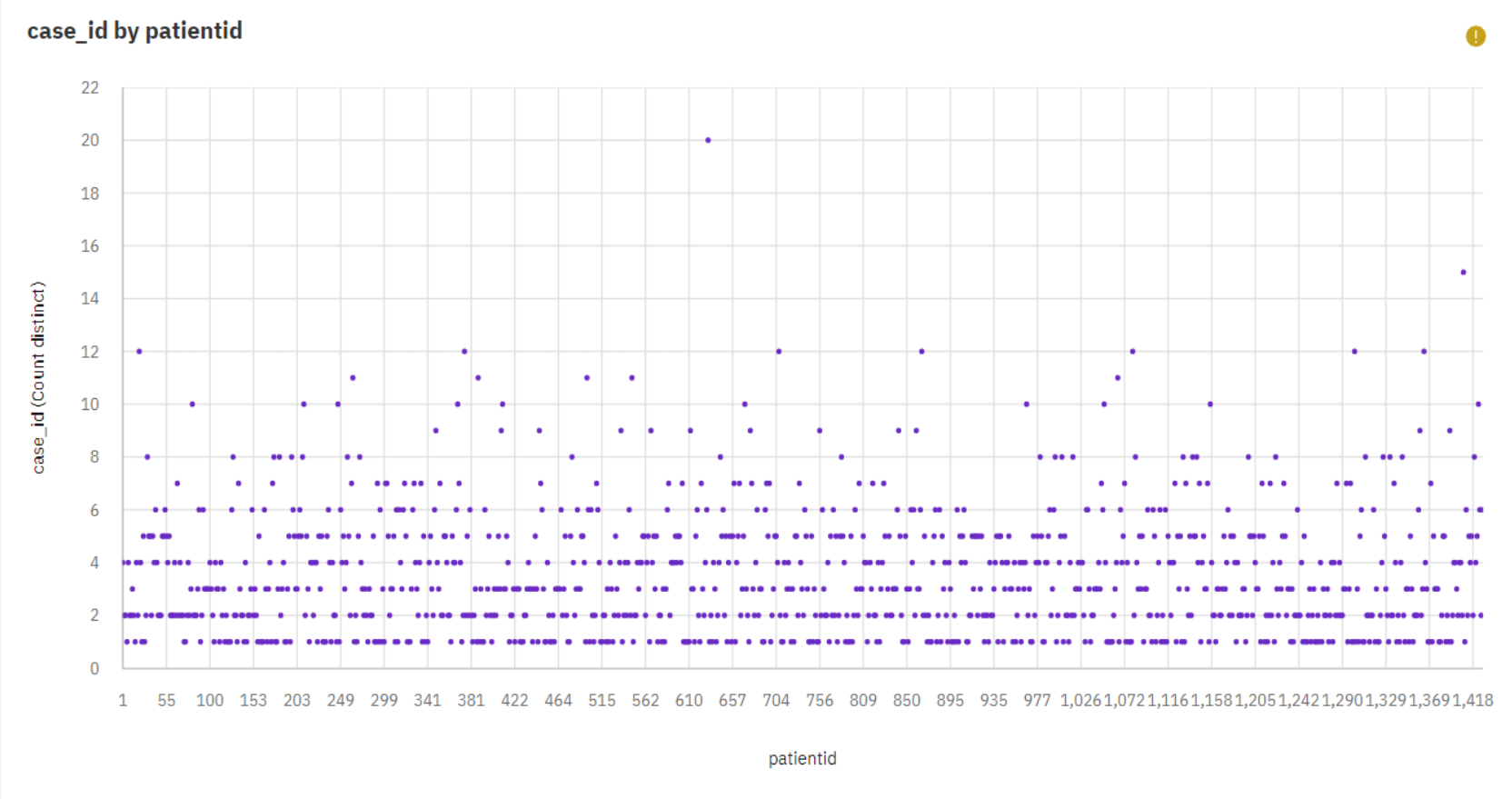
# Department compared to Hospital\_region\_code:




# Ward Facility Code for City Code Patient hierarchy:



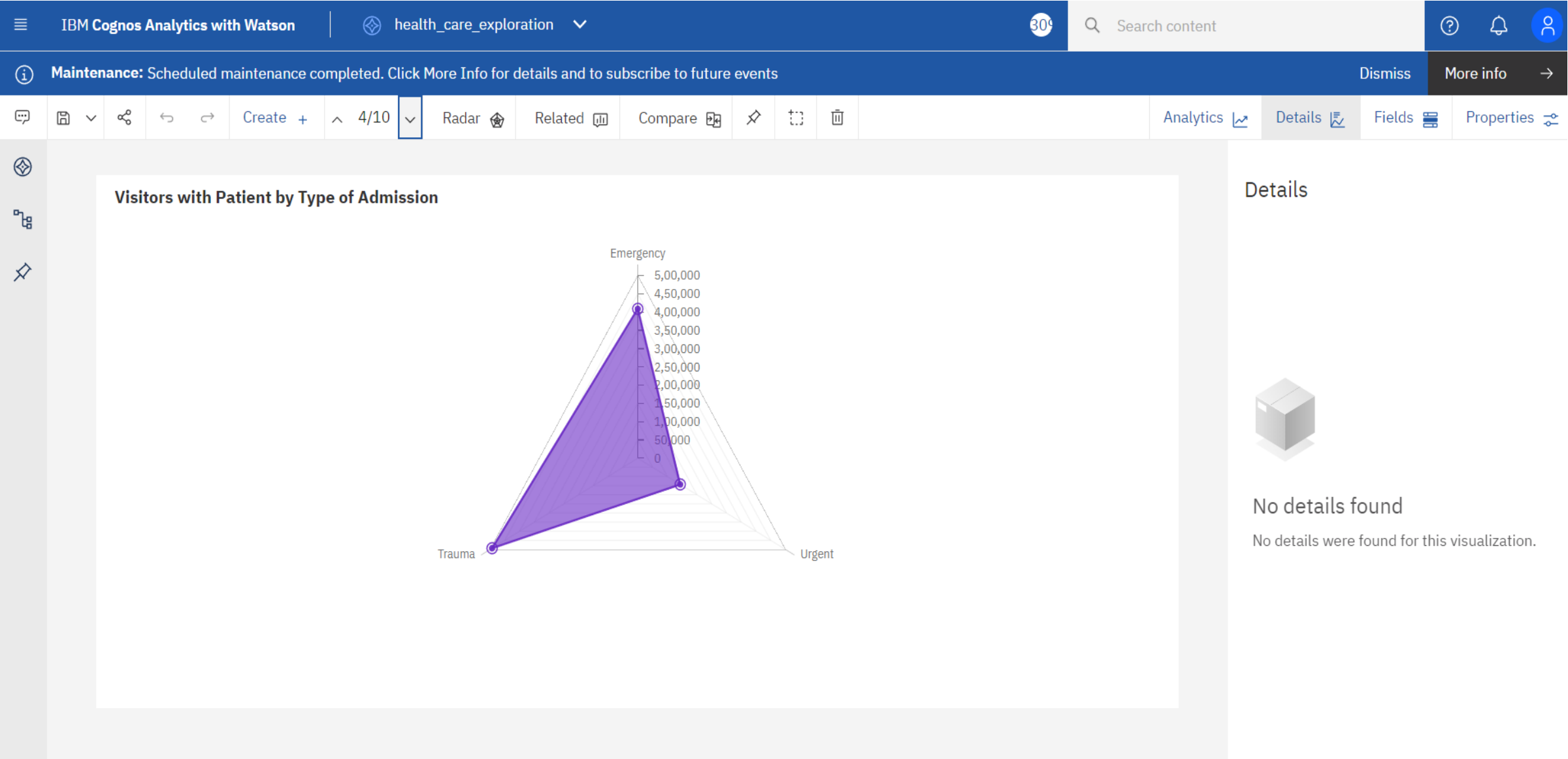
# case\_id by patientid:



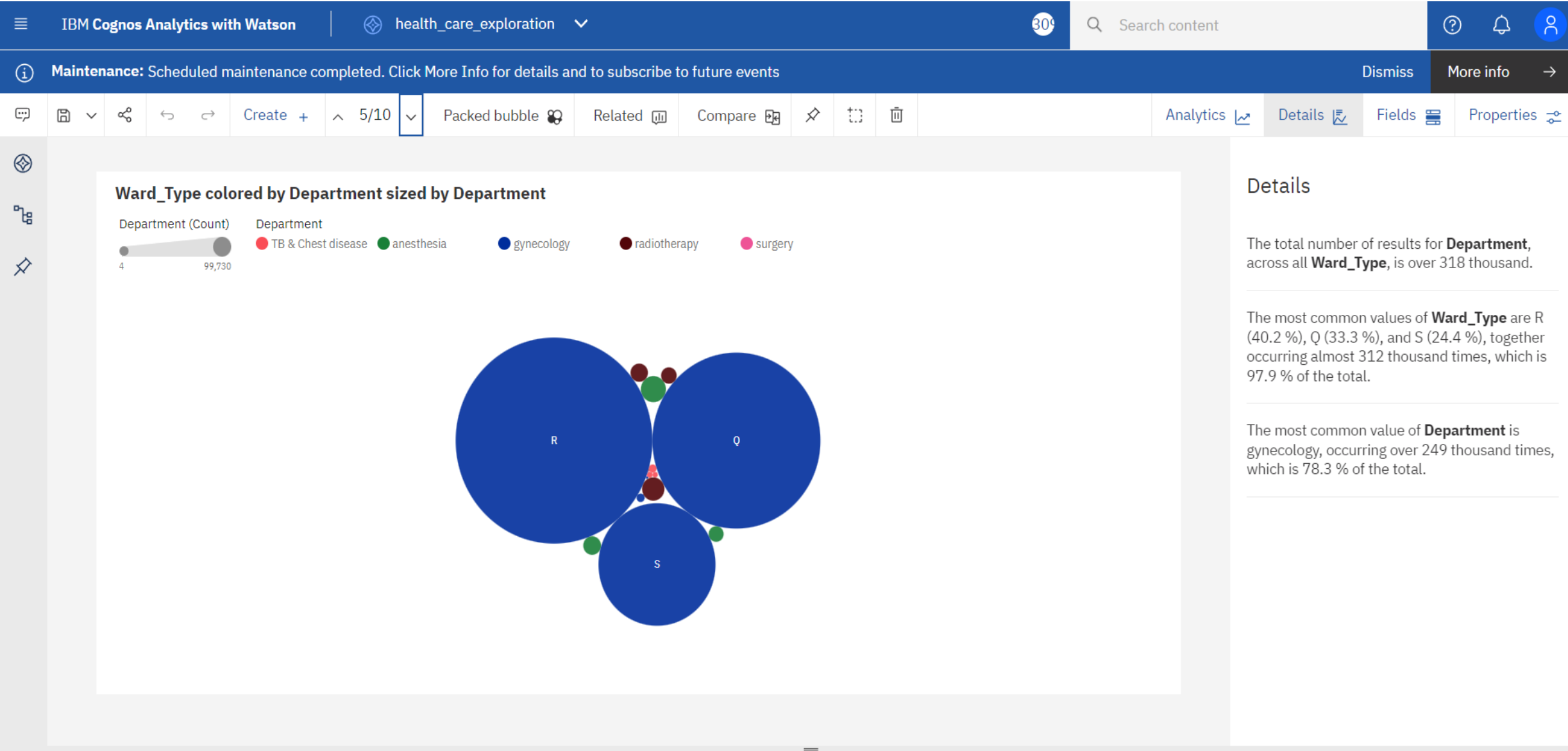
Details

  
Loading details...

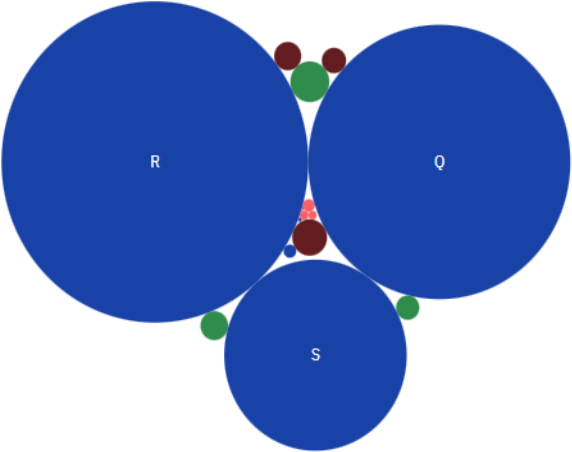
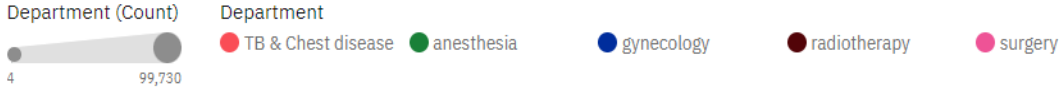
# Visitors with Patient by Type of Admission:



# Ward\_Type colored by Department sized by Department:



Ward\_Type colored by Department sized by Department



## Details

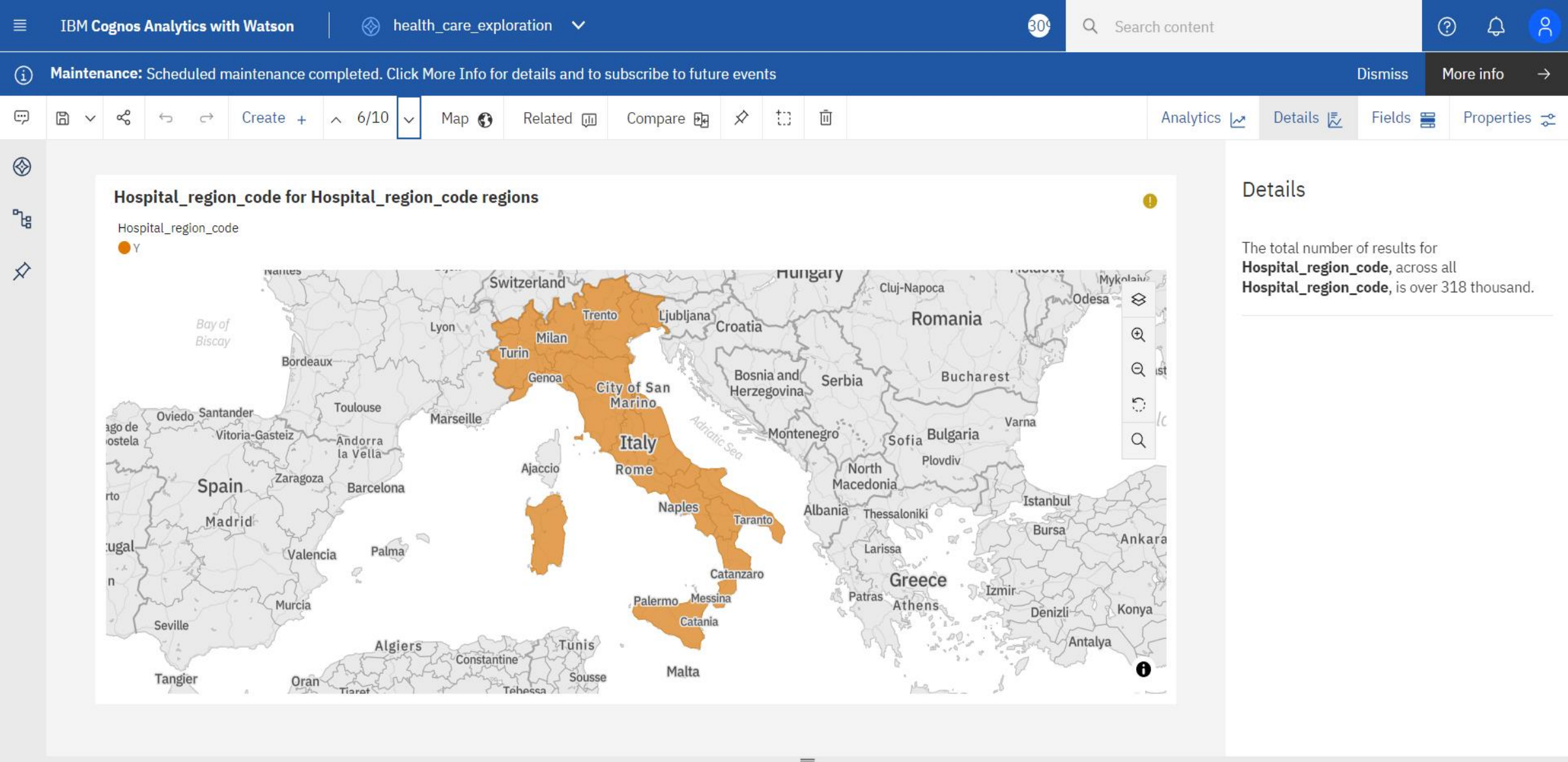
The total number of results for **Department**, across all **Ward\_Type**, is over 318 thousand.

The most common values of **Ward\_Type** are R (40.2 %), Q (33.3 %), and S (24.4 %), together occurring almost 312 thousand times, which is 97.9 % of the total.

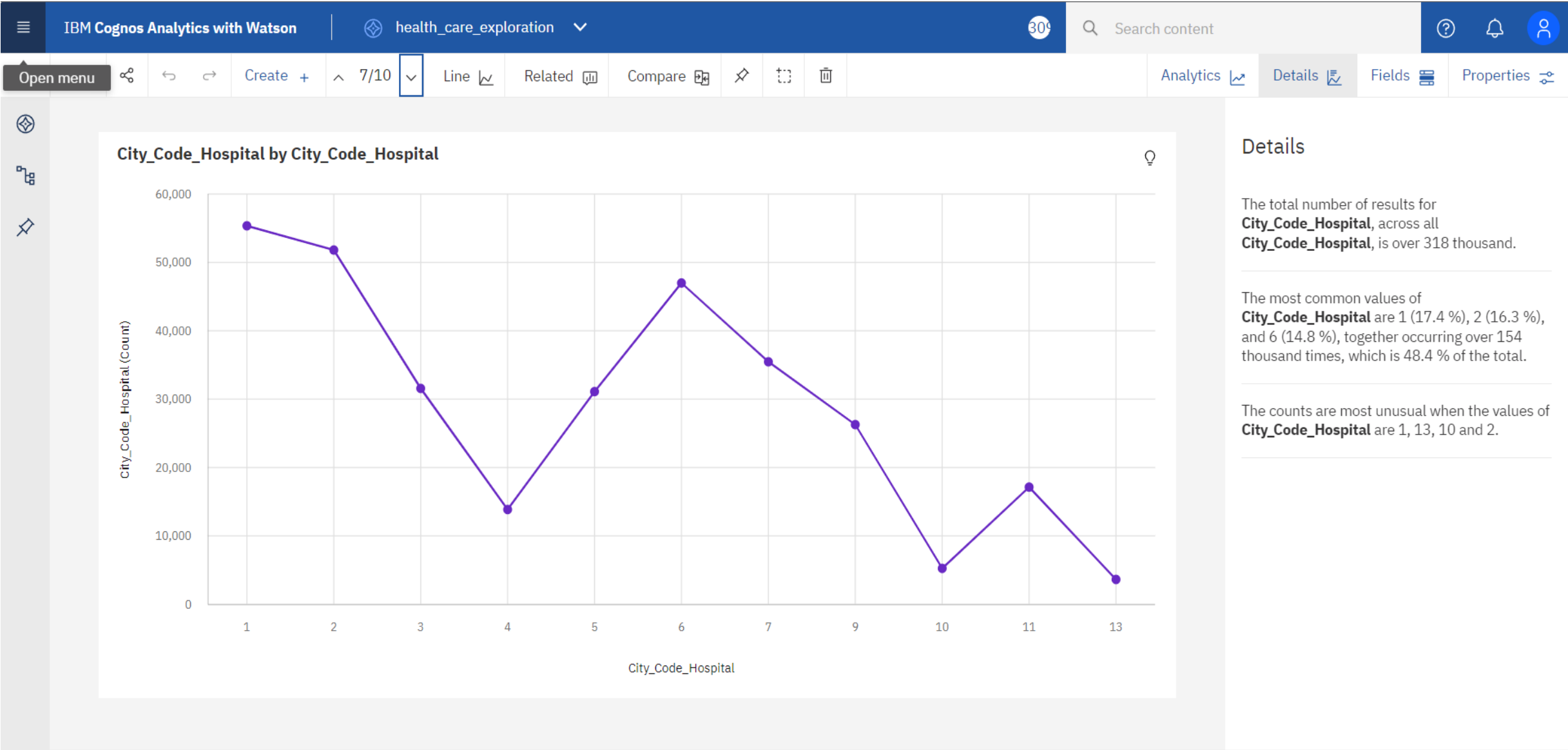
The most common value of **Department** is gynecology, occurring over 249 thousand times, which is 78.3 % of the total.



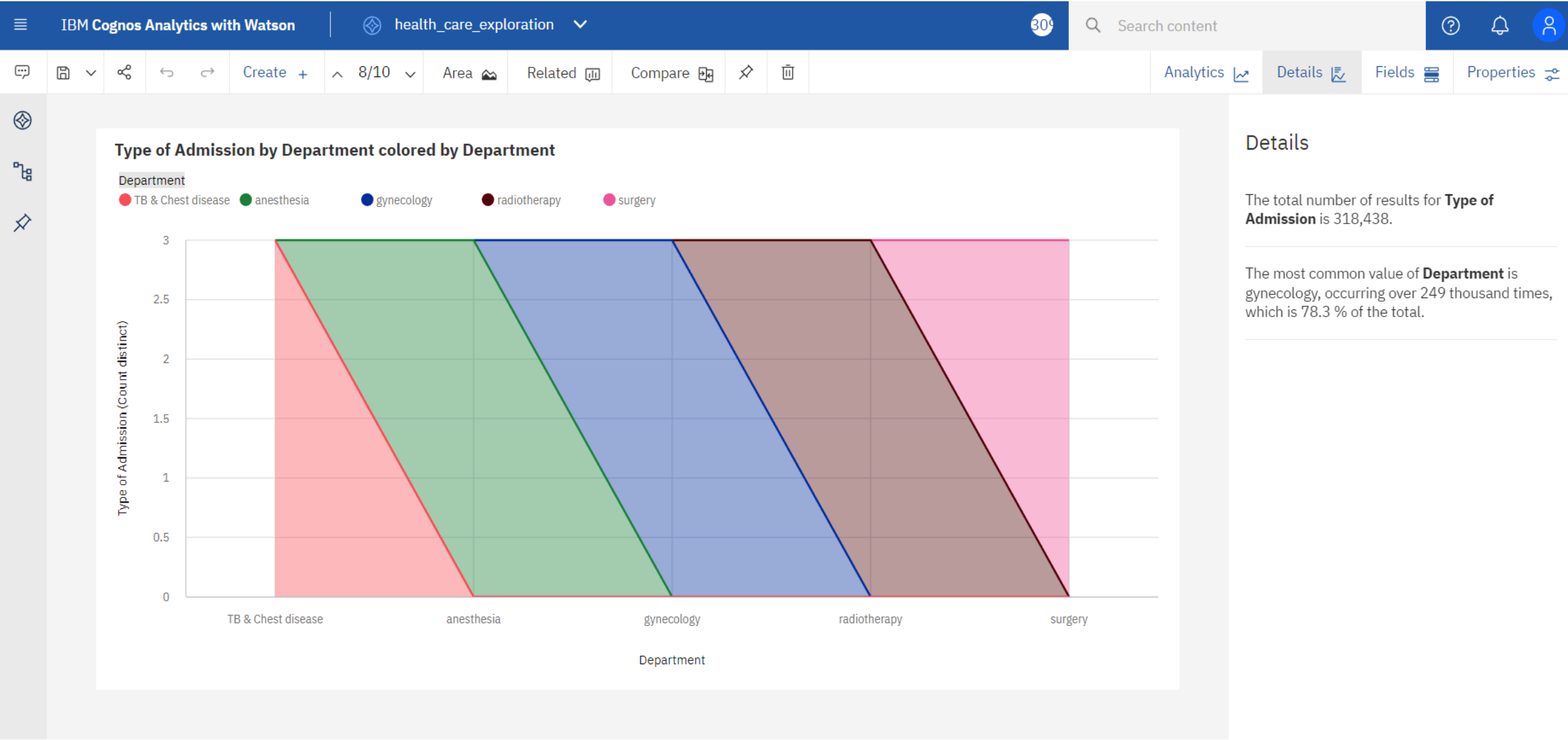
# Hospital\_region\_code for Hospital\_region\_code regions:



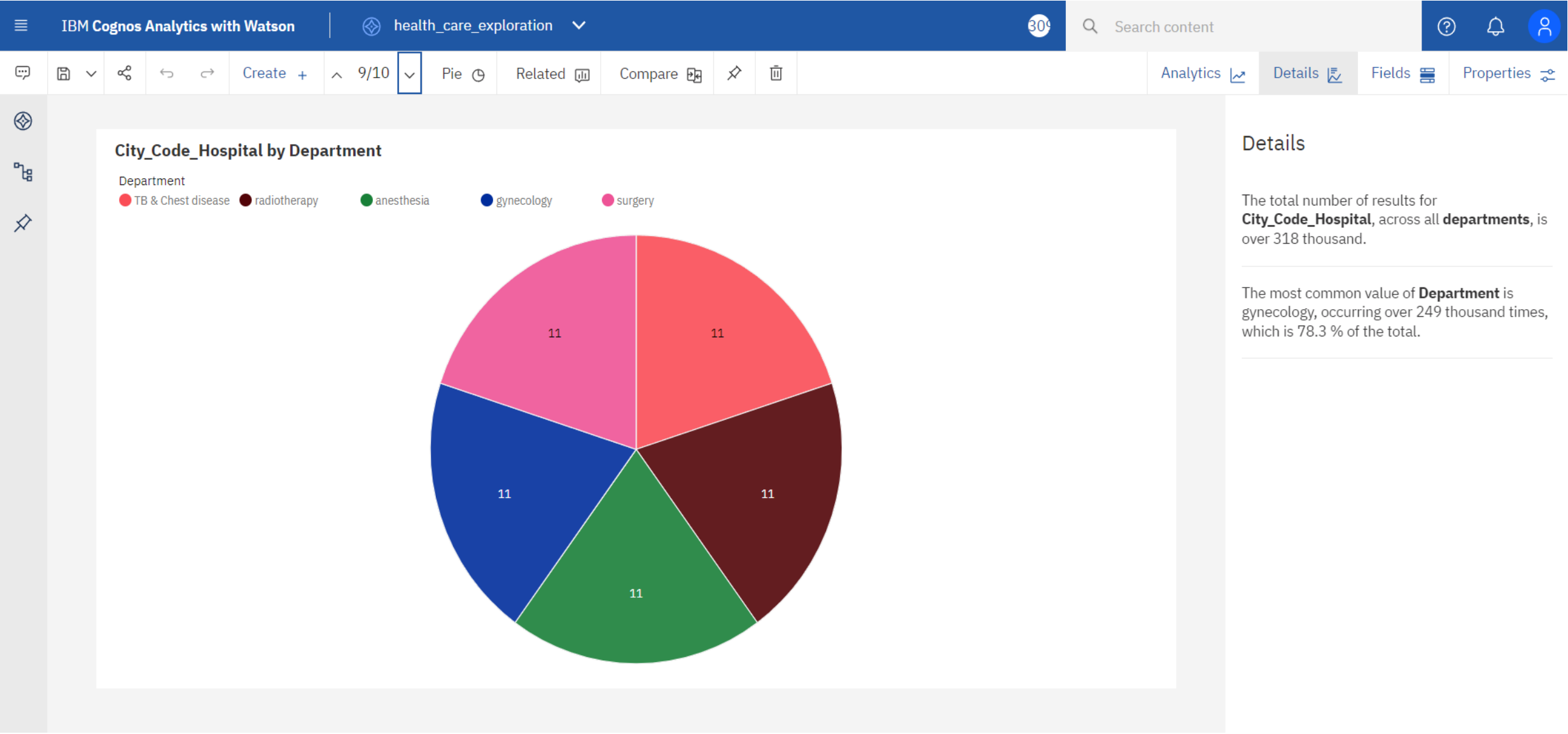
# City Code Hospital by City Code Hospital:



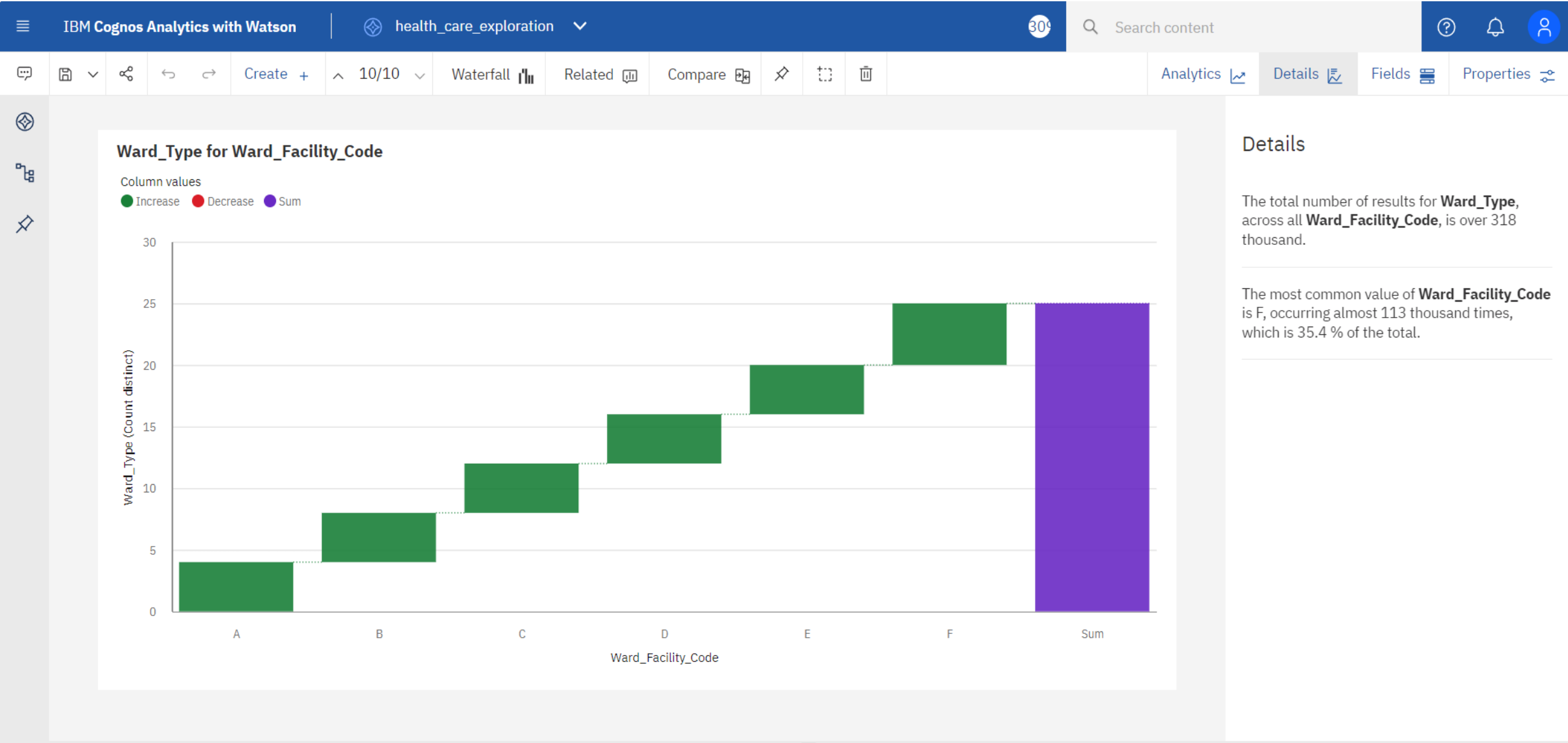
# Type of Admission by Department colored by Department:



# City Code Hospital by Department:



# Ward\_Type for Ward\_Facility\_Code:



# Prepared data link :

[https://us3.ca.analytics.ibm.com/bi/?perspective=explore&pathRef=.my\\_folders%2Fdata\\_exploration%2Fhealth\\_care\\_exploration&subView=model00000184410946c6\\_00000000](https://us3.ca.analytics.ibm.com/bi/?perspective=explore&pathRef=.my_folders%2Fdata_exploration%2Fhealth_care_exploration&subView=model00000184410946c6_00000000)

