

# **ANALYTICS FOR HOSPITAL'S HEALTH-CARE DATA**

## **PROJECT DEVELOPMENT PHASE**



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**PROJECT DEVELOPMENT PHASE  
DELIVERY OF SPRINT-II**

<b>Team ID</b>	PNT2022TMID09280
<b>Project Name</b>	Analytics for Hospitals' Health-Care Data

**PROJECT DEVELOPMENT PHASE**

<p><b>Sprint-1:</b></p> <ul style="list-style-type: none"><li>○ Data Collection</li><li>○ Data Preparation</li></ul> <p><b>Sprint-2:</b></p> <ul style="list-style-type: none"><li>○ Data Exploration</li></ul>	<p><b><u>Sprint-3:</u></b></p> <ul style="list-style-type: none"><li>○ Dashboard Creation</li></ul> <p><b><u>Sprint-4:</u></b></p> <ul style="list-style-type: none"><li>○ Report Creation</li><li>○ Story Creation</li></ul>
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**Sprint-2:**  
**Data Collection**

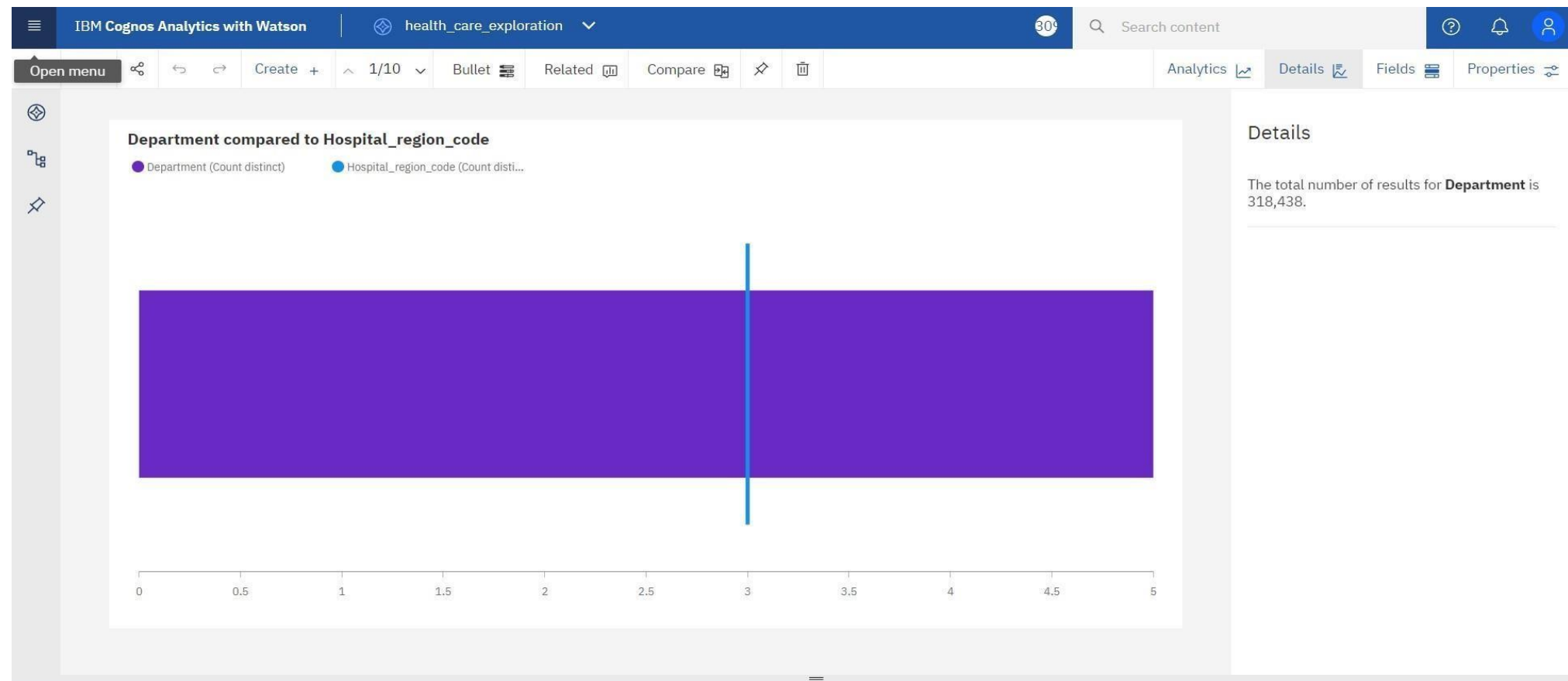
Download the Dataset Dataset link

[https://drive.google.com/drive/folders/1qozDgfVw04hGS8Di\\_SFhUNdUKUdjkhT?usp=sharing](https://drive.google.com/drive/folders/1qozDgfVw04hGS8Di_SFhUNdUKUdjkhT?usp=sharing)

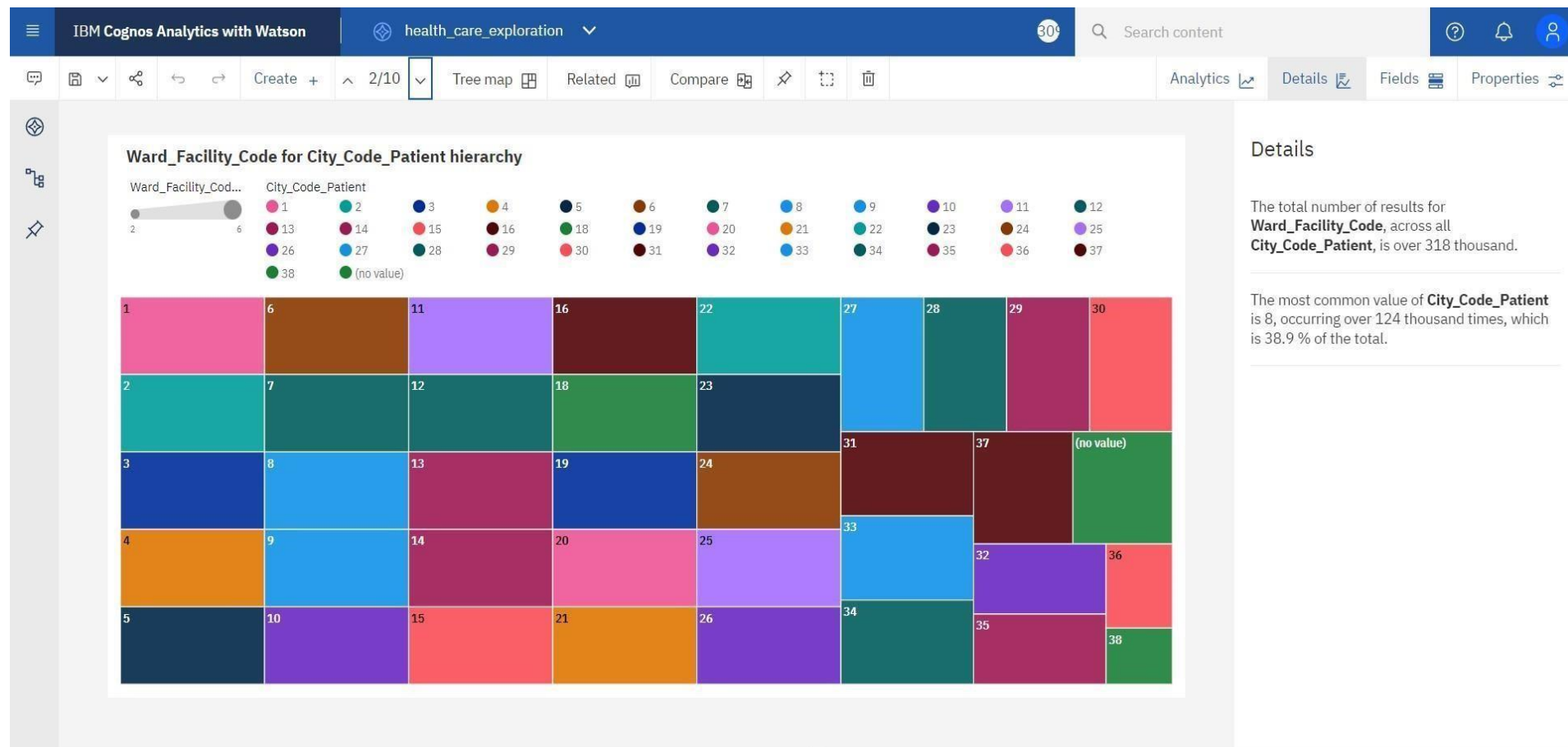
### **Data Exploration:**

- 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
- City\_Code\_Hospital by City\_Code\_Hospital
- City\_Code\_Hospital by Department • Ward\_Type for Ward\_Facility\_Code
- **Hospital region code:**

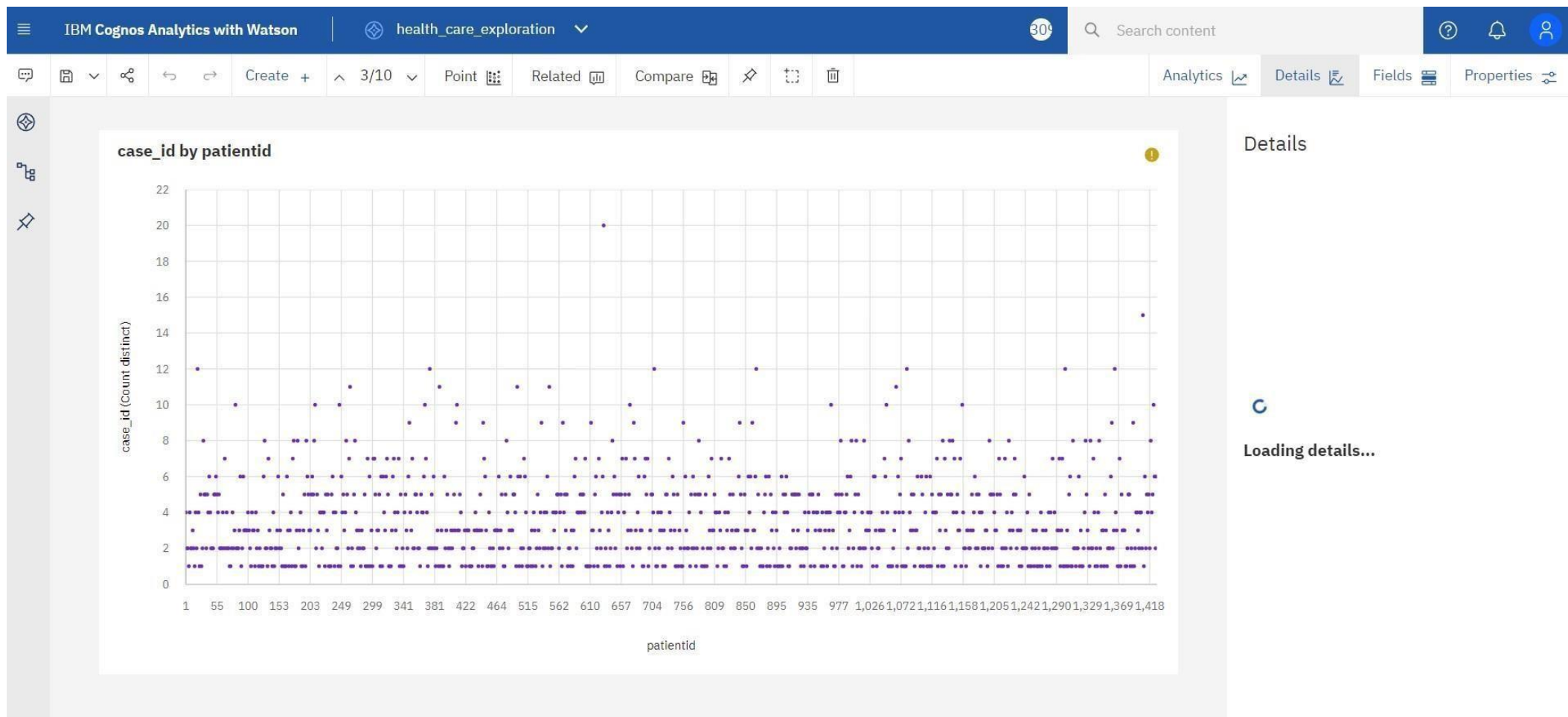
**Department compared to**



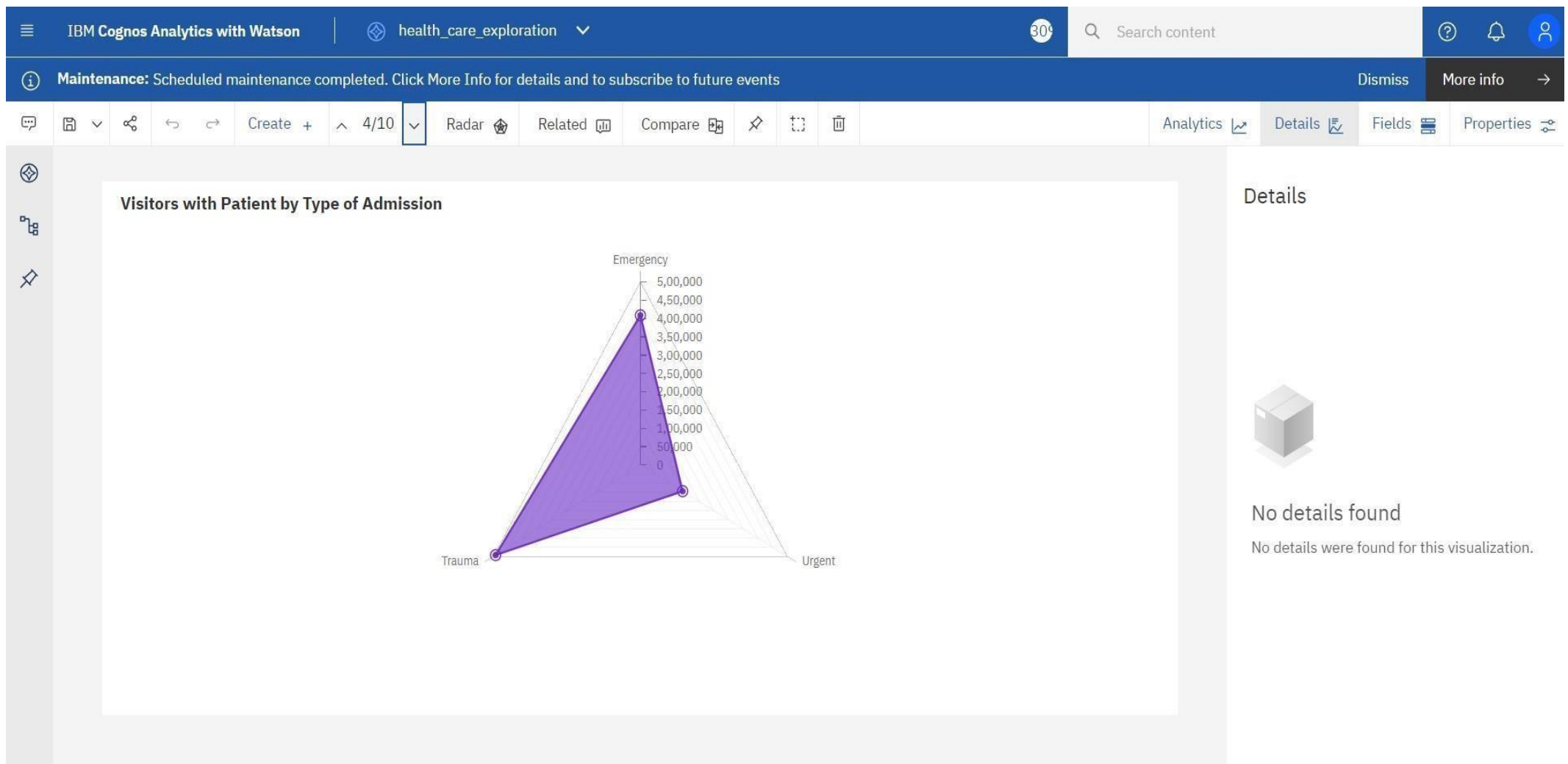
Ward Facility Code for City Code Patient hierarchy:



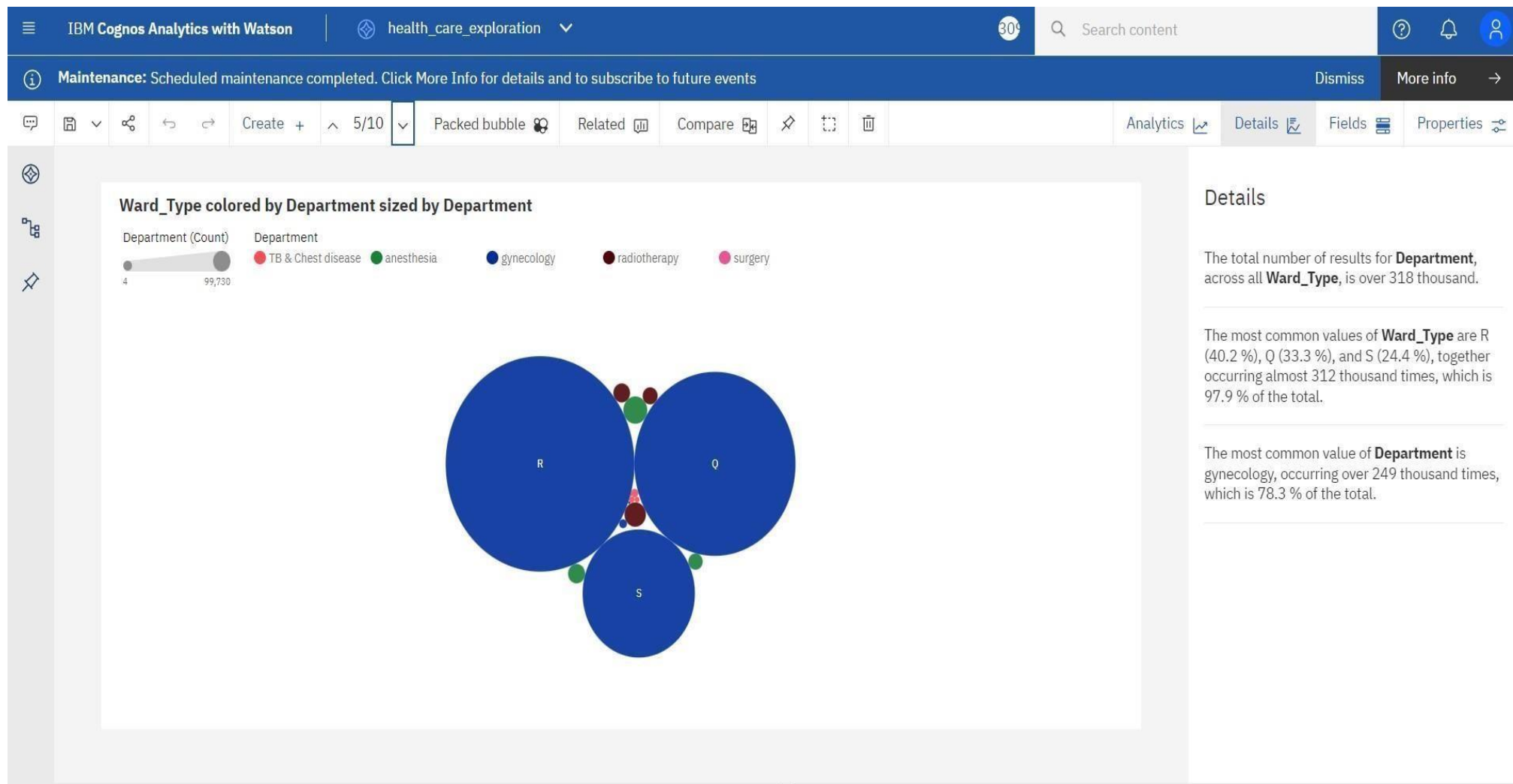
case id by patientid:



**Visitors with Patient by Type of Admission:**



**Ward Type colored by Department sized by Department:**



## Details

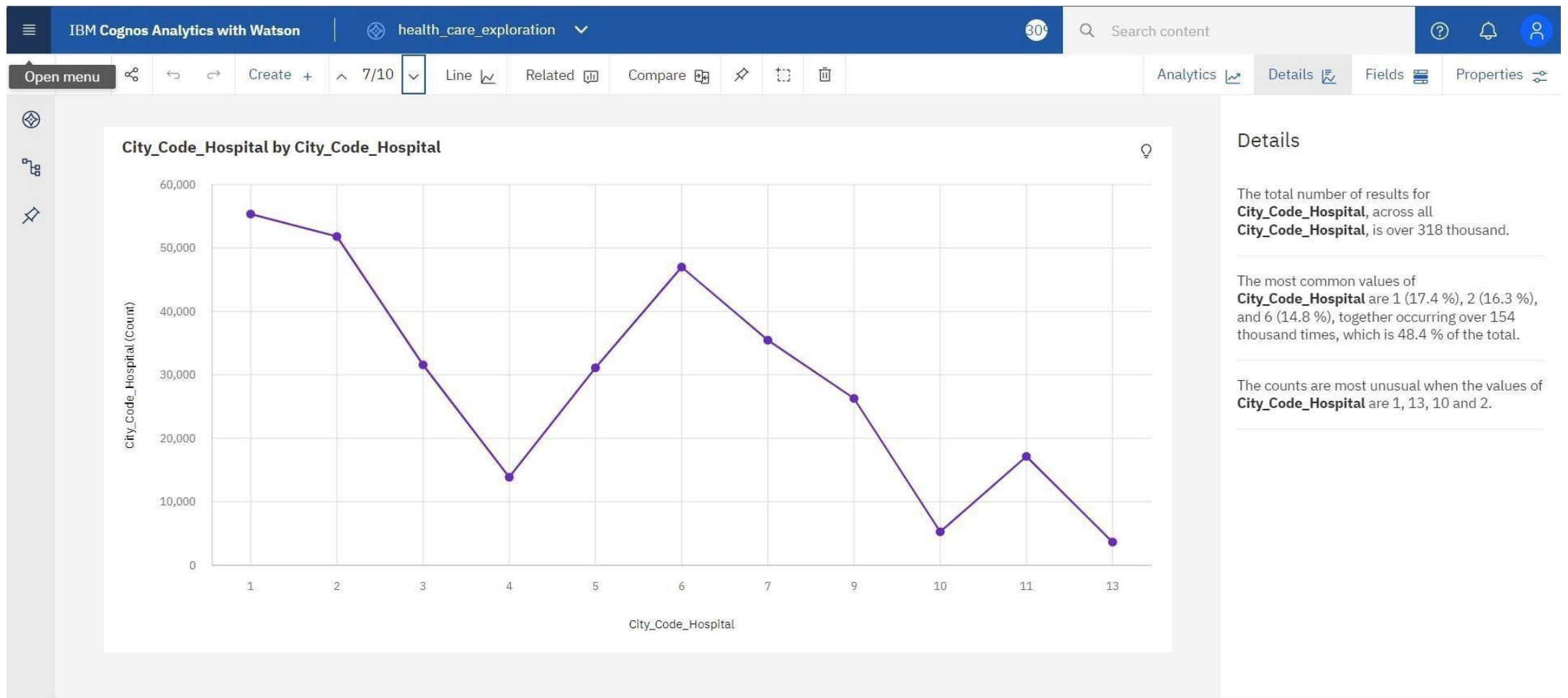
The total number of results for **Department**, across all **Ward\_Type**, is over 318 thousand.

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.

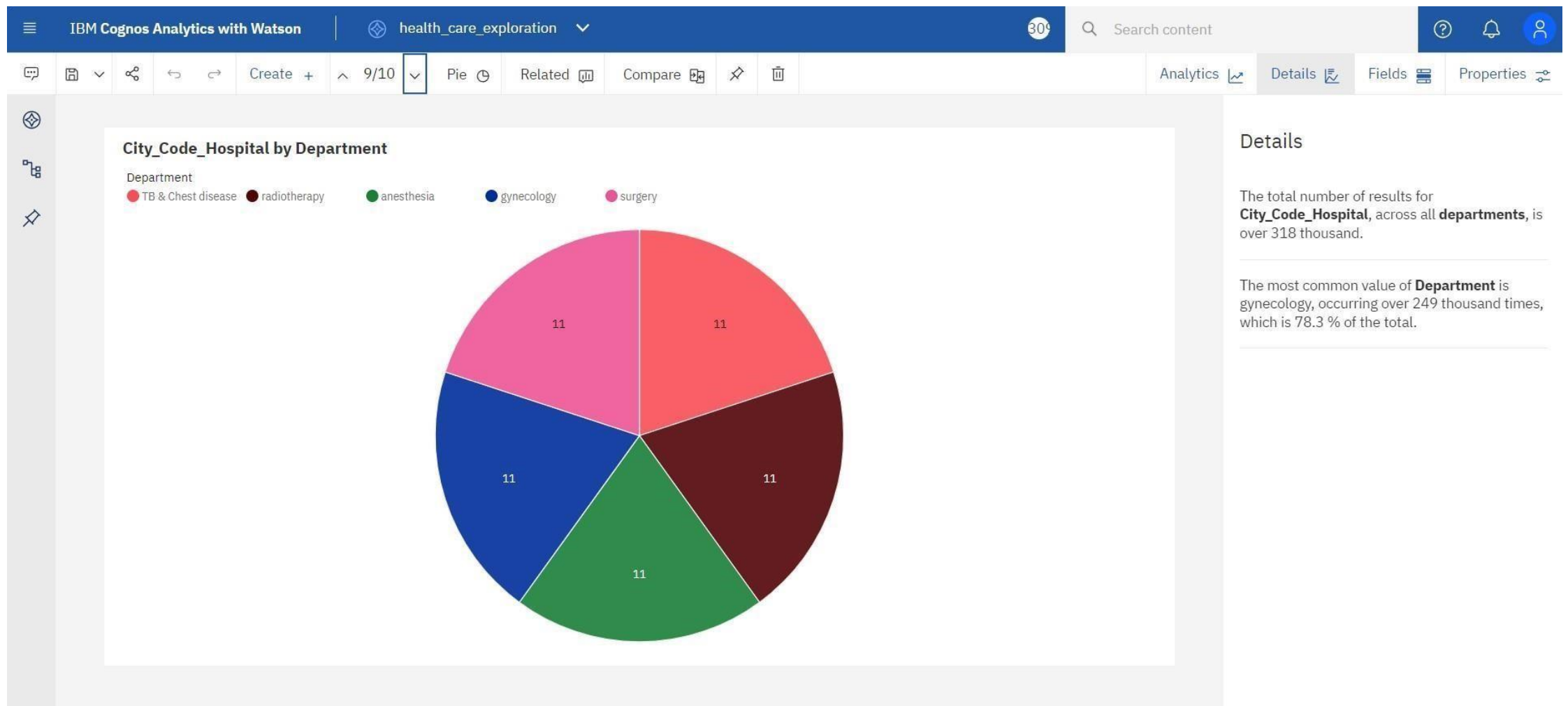
The most common value of **Department** is gynecology, occurring over 249 thousand times, which is 78.3 % of the total.

City Code Hospital by City Code Hospital:





**City Code Hospital by Department:**



Ward Type for Ward Facility Code:

