

PROJECT DEVELOPMENT PHASE

SPRINT DELIVERY -2

TEAM ID : PNT2022TMID00760

PROJECT : Analytics for Hospitals Health-Care Data

DATE : 12 Nov 2022

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

This project is based on understanding the Health Analytics dataset .

1. Explore data realtionships.
2. Number of patients by Ward type.
3. Number of cases based on
 - ✓ ward type.
 - ✓ By each department .
 - ✓ By facility type
 - ✓ City,hospital and region
4. Age wise number of patients with department and security filters.
5. Bed grade with number of cases by department and ward-wise.
6. Department wise admission deposit amount in the hospital.
7. Severity of illness by number cases

8.Department -wise,age-wise number
of cases.

9.Department wise number of cases.

10.Avalilable extra rooms in hospital

1. Explore data relationships.

My IBM * New exploration

us3.ca.analytics.ibm.com/bi/?perspective=explore&id=explore_b2935359-3f29-4976-8b31-bc8f407ff03c&options%5BdisableGlassPrefetch%5D=true&options%5Bcollections%5D%...

IBM Cognos Analytics with Watson * New exploration 29 Search Cognos Analytics

Cards

Data relationships

Explore data relationships

Healthcare Data Prep

Reset to original

Bed Grade

Edit diagram

Type of Admission

Bed Grade

Hospital_code

Severity of Illness

Select single or multiple nodes to see visualizations.

Relationship diagram

10% 100%

Select a visualization

Explore visualizations related to 'Bed Grade'

Bed Grade

361K

Bed Grade

Add +

Bed Grade

Add +

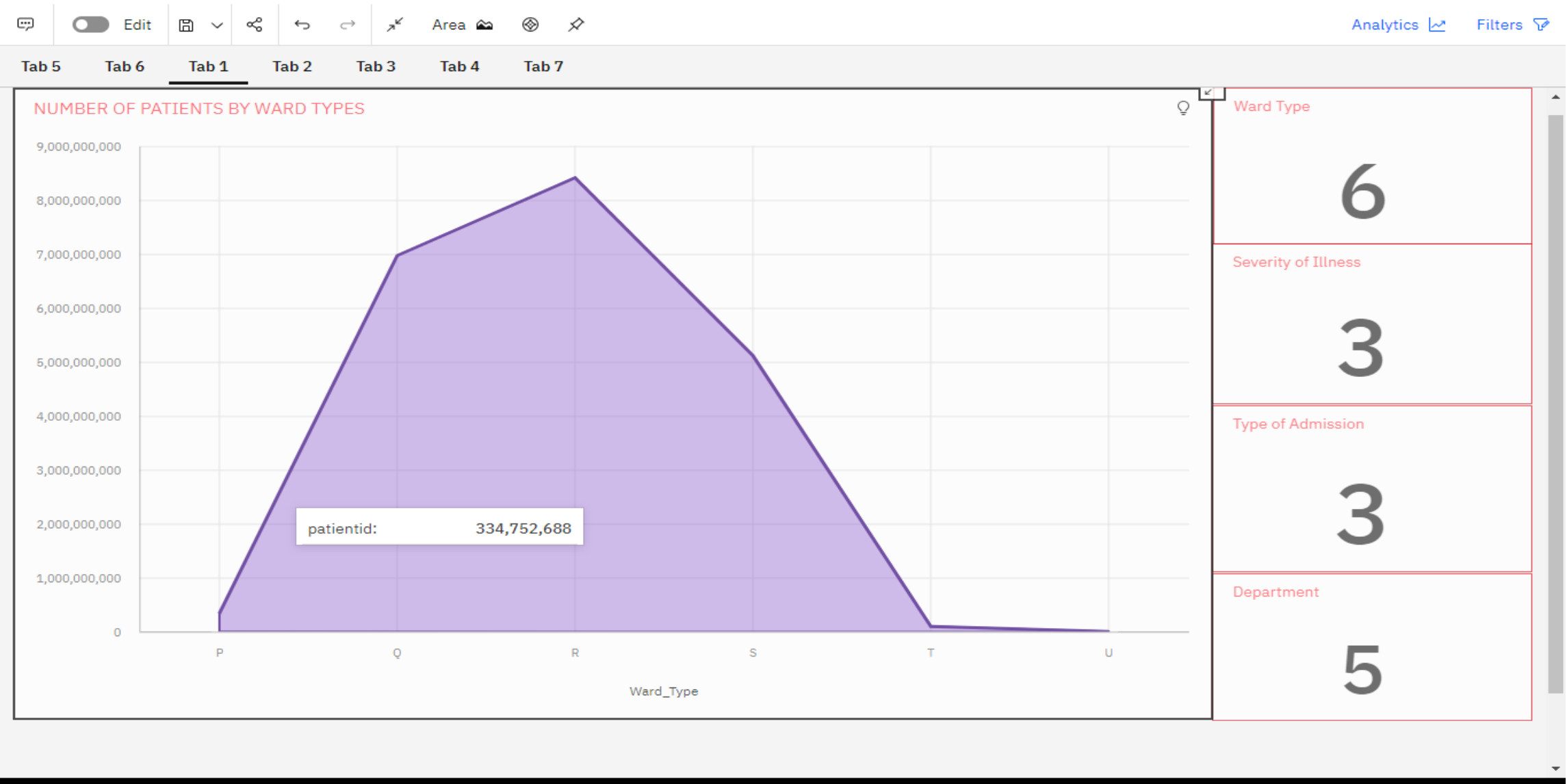
Admission_Deposit for Hospital_region_code regions and Be...

Add +

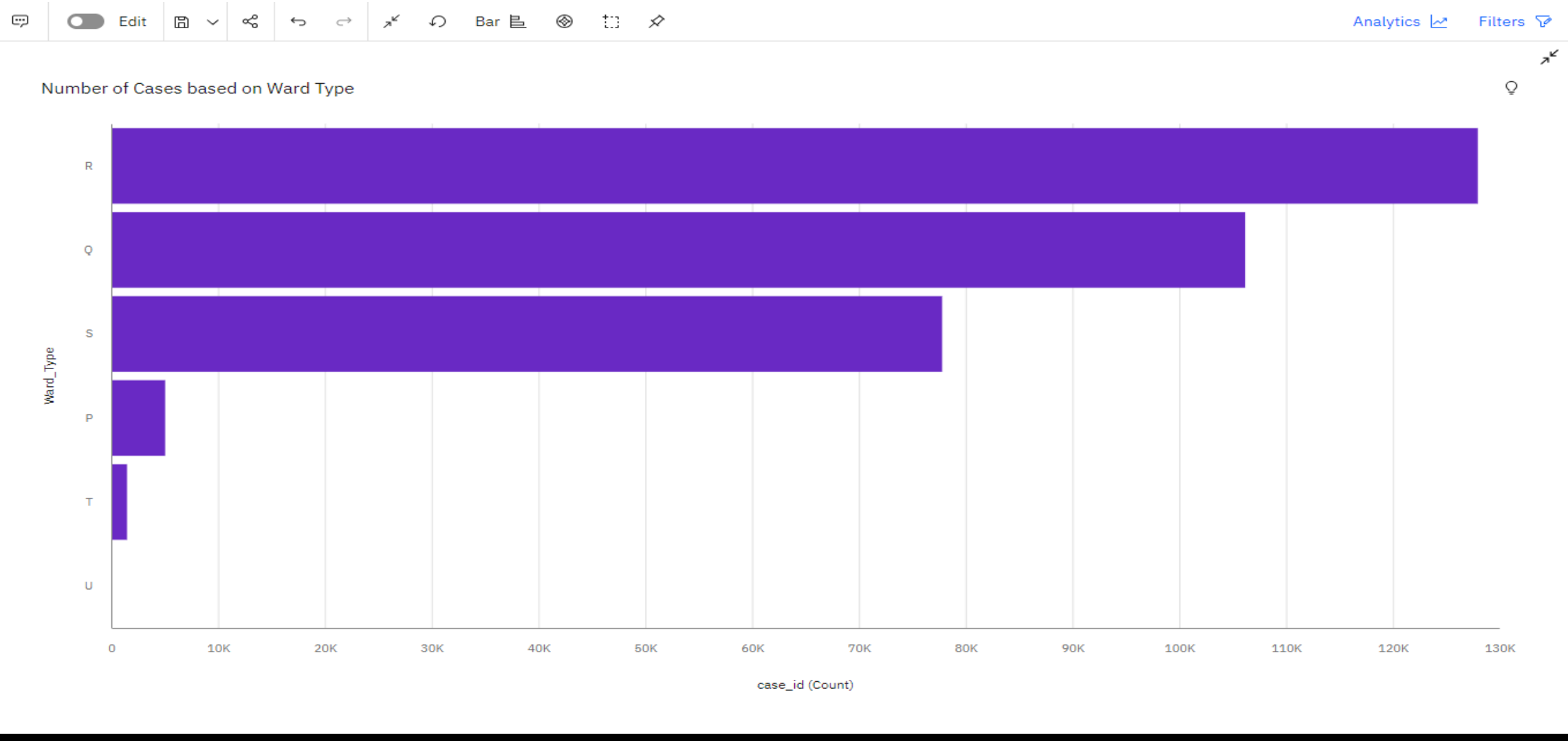
ENG IN 3:53 PM 19-Jan-22 16

The screenshot displays the IBM Cognos Analytics web interface. The main area shows a 'Data relationships' diagram with 'Bed Grade' as the central node, connected to 'Type of Admission', 'Hospital_code', and 'Severity of Illness'. The right sidebar offers visualization options for 'Bed Grade', including a bar chart showing '361K' and a world map. The bottom of the screen shows a Windows taskbar with various application icons and system status information.

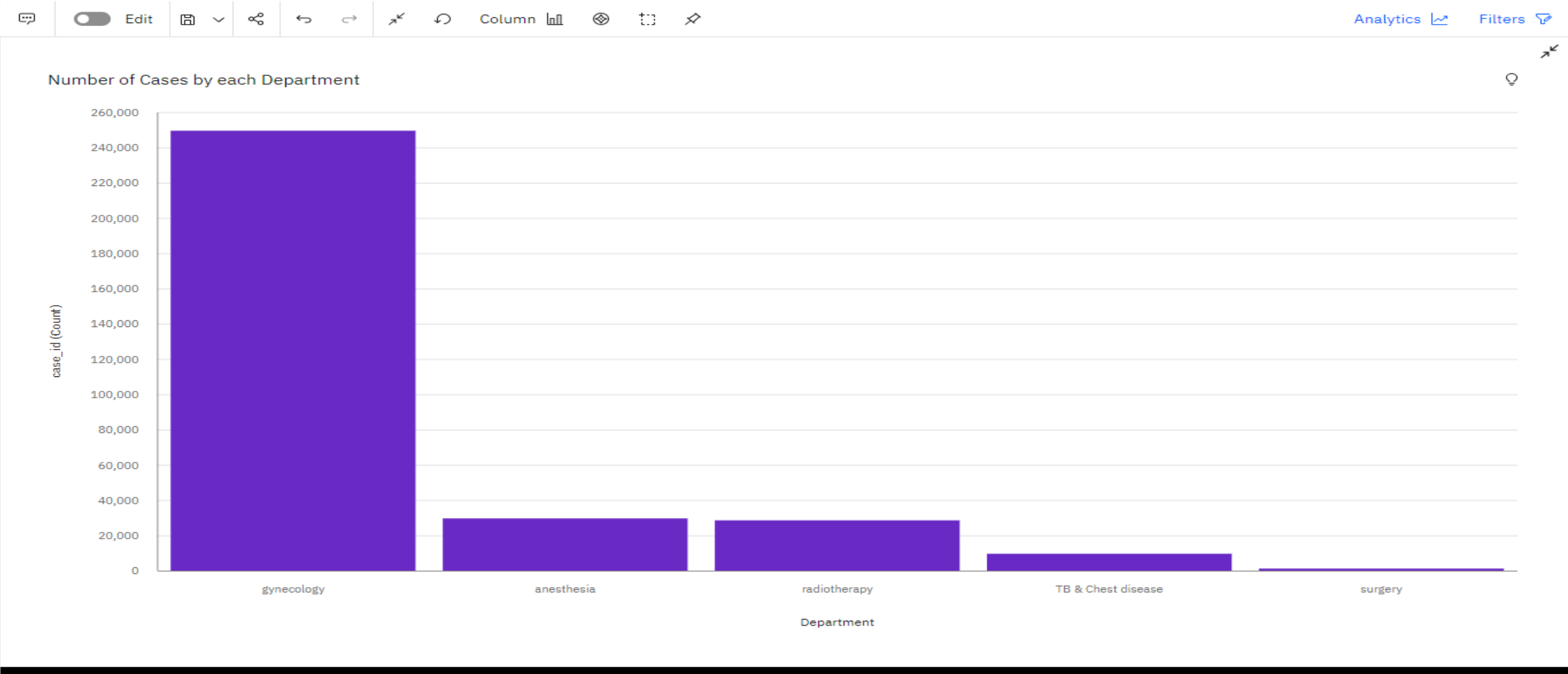
2. Number of patients by Ward type.



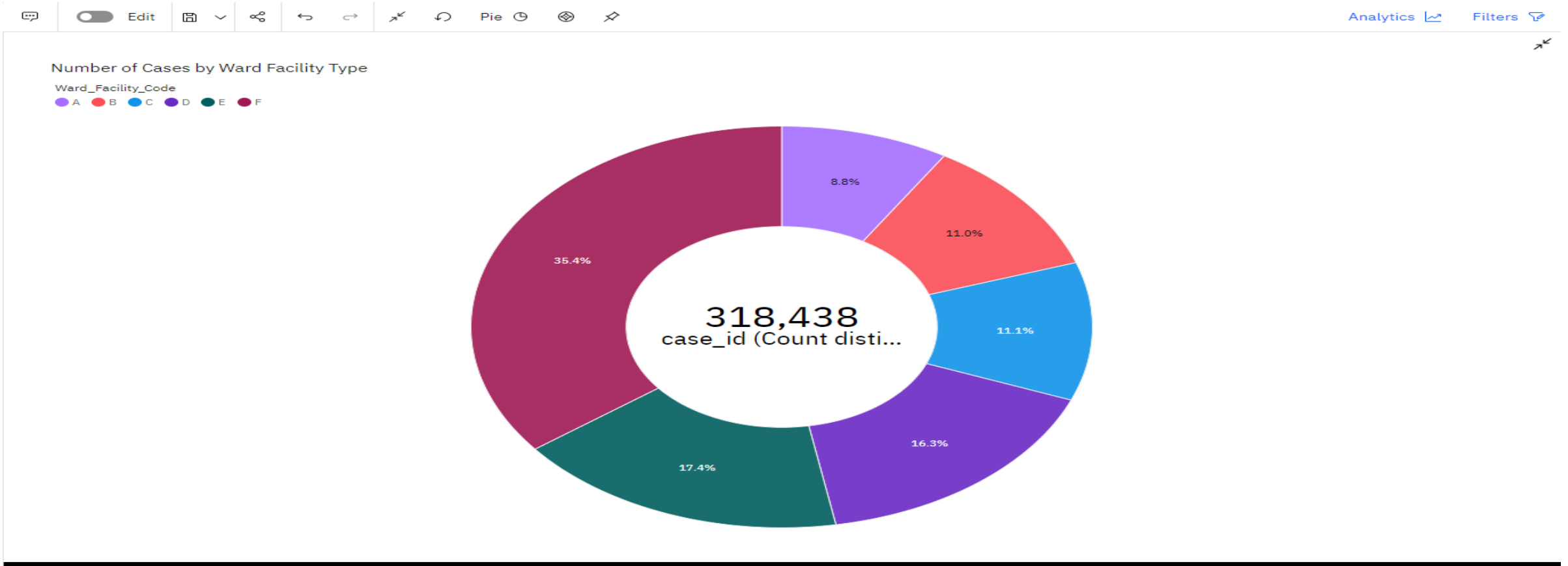
3. Number of cases based on ward case.



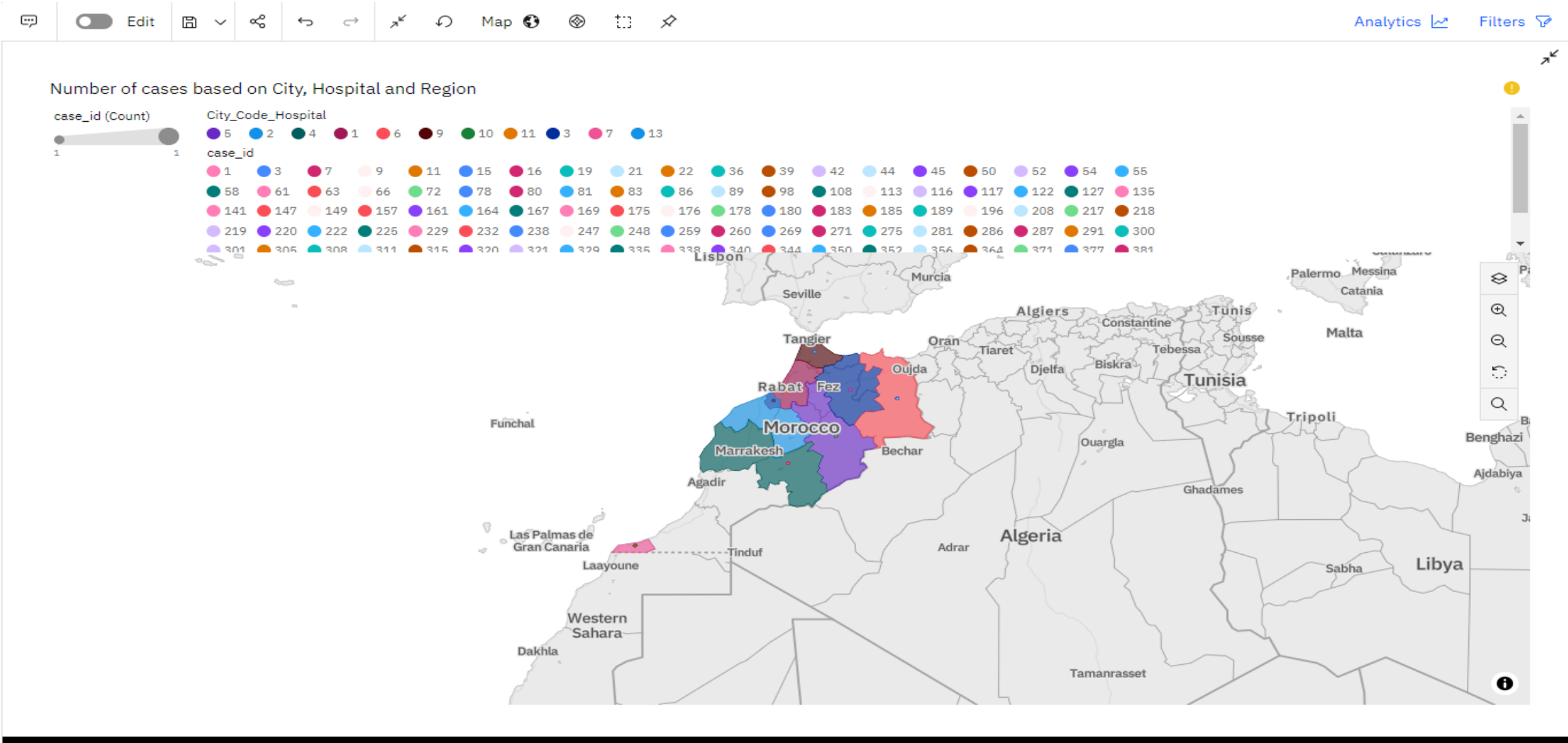
By each department;



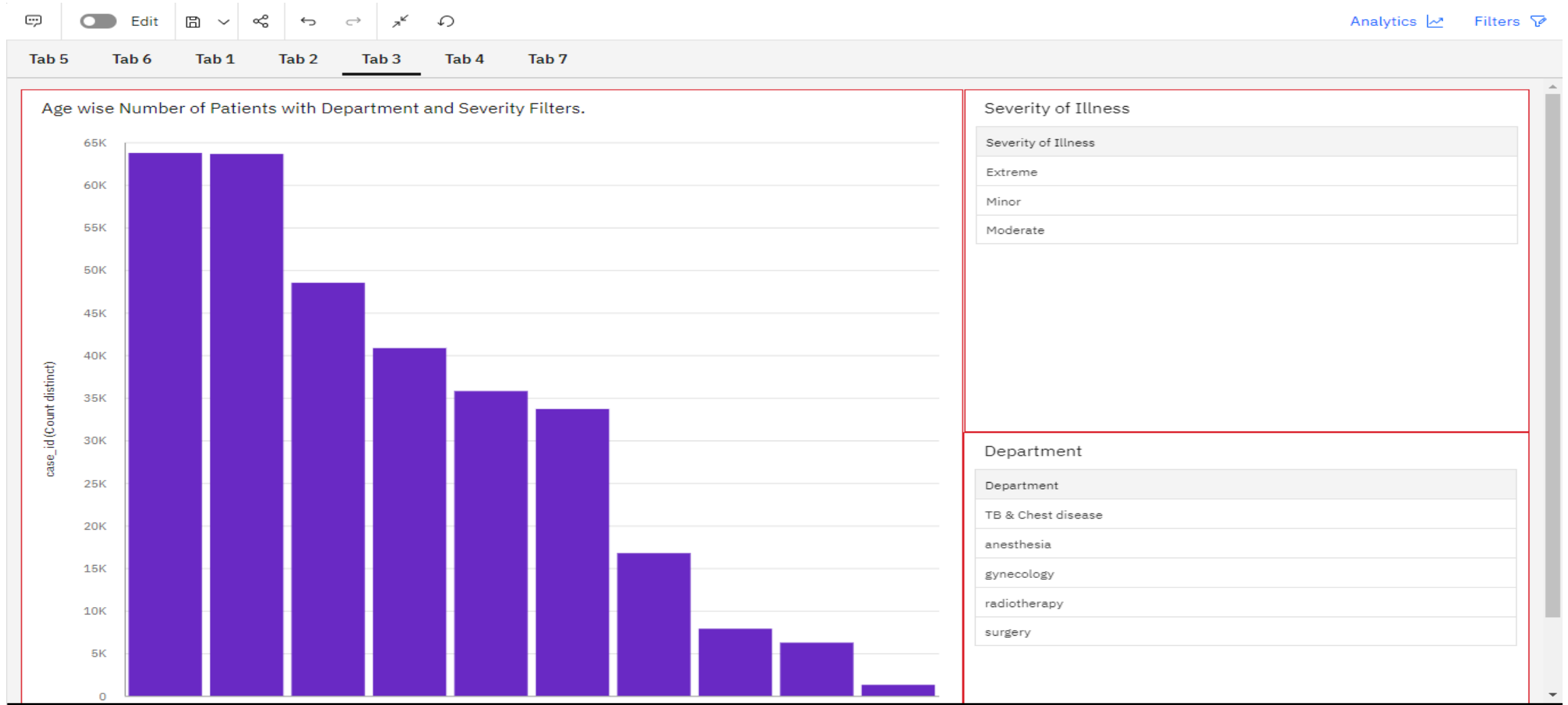
By facility type;



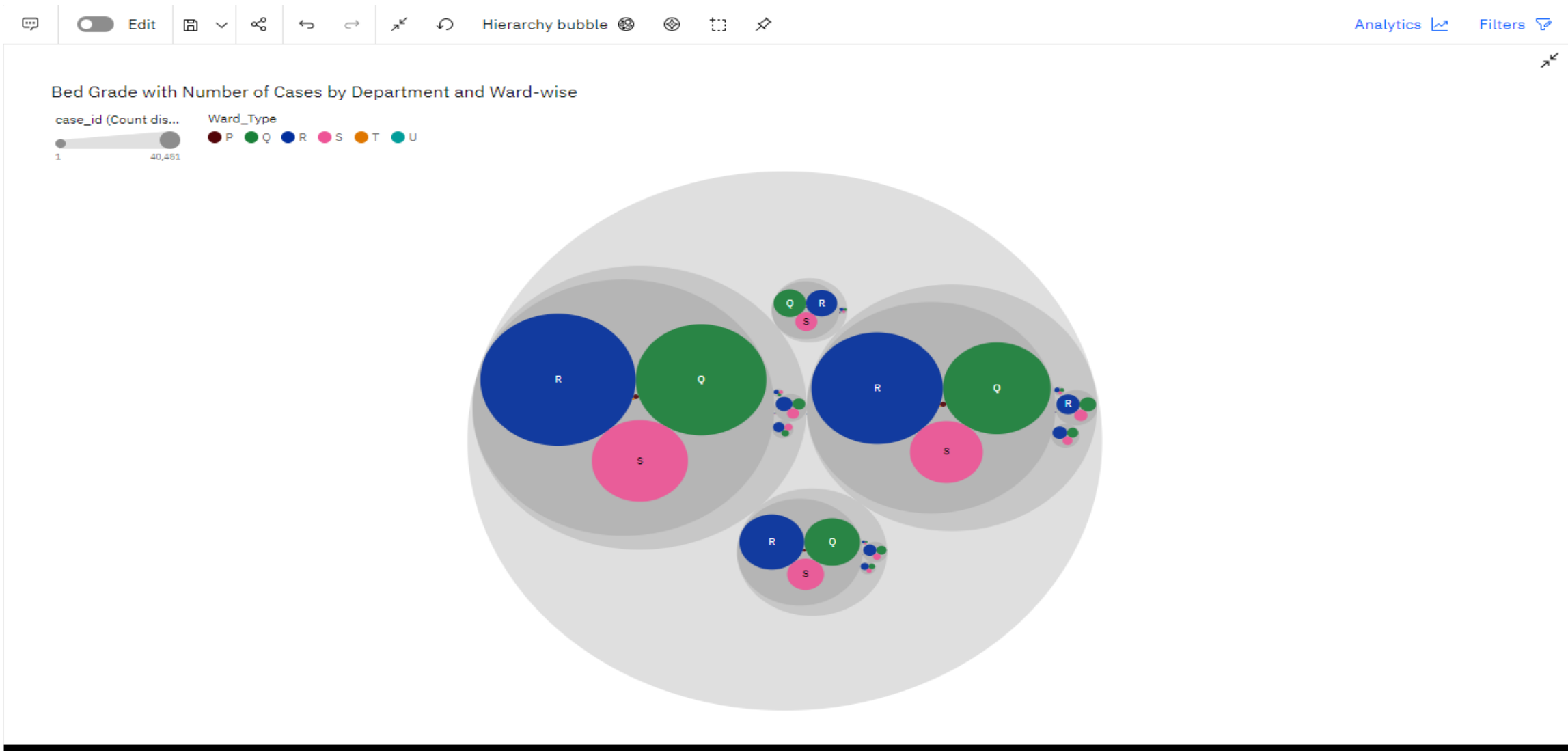
City,hospital and region;



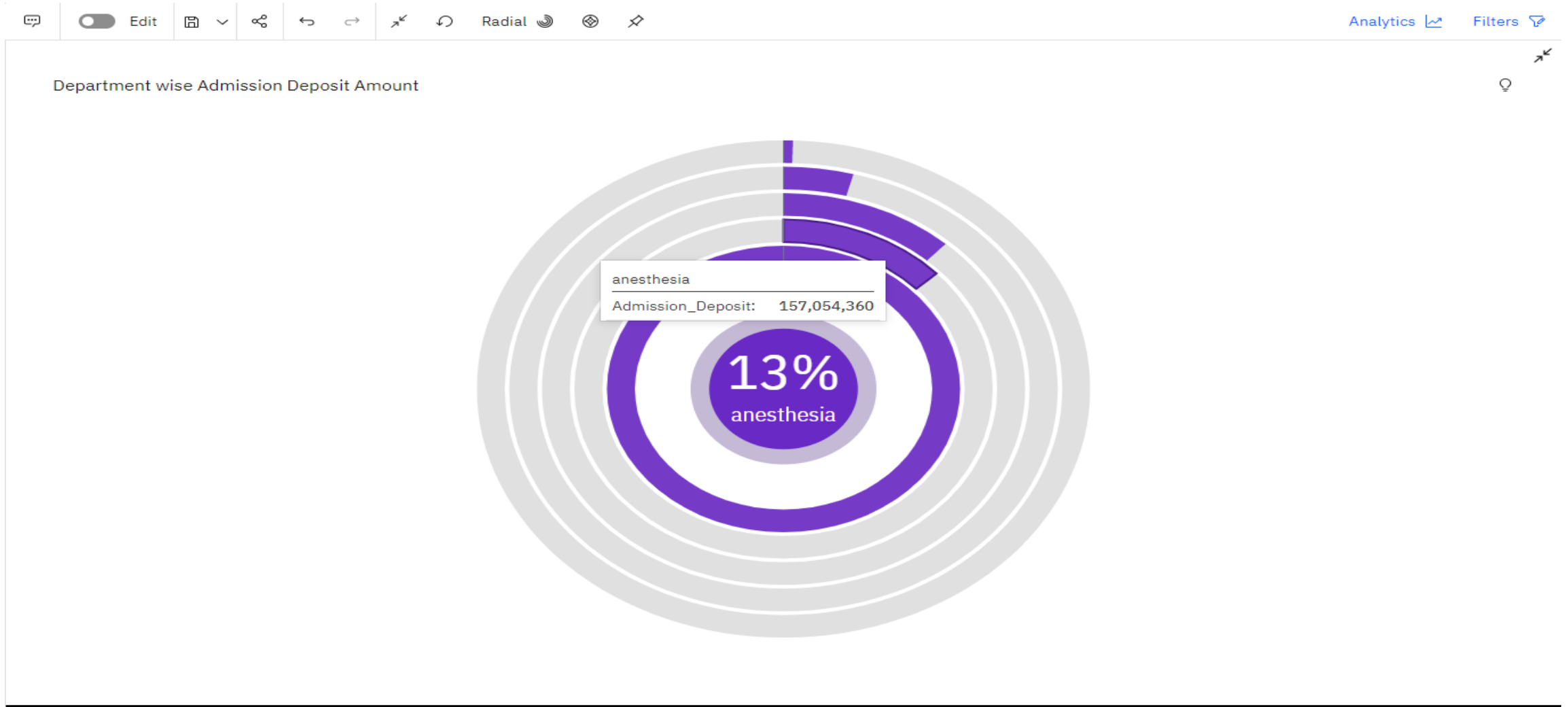
4. Age wise number of patients with department and security filters.



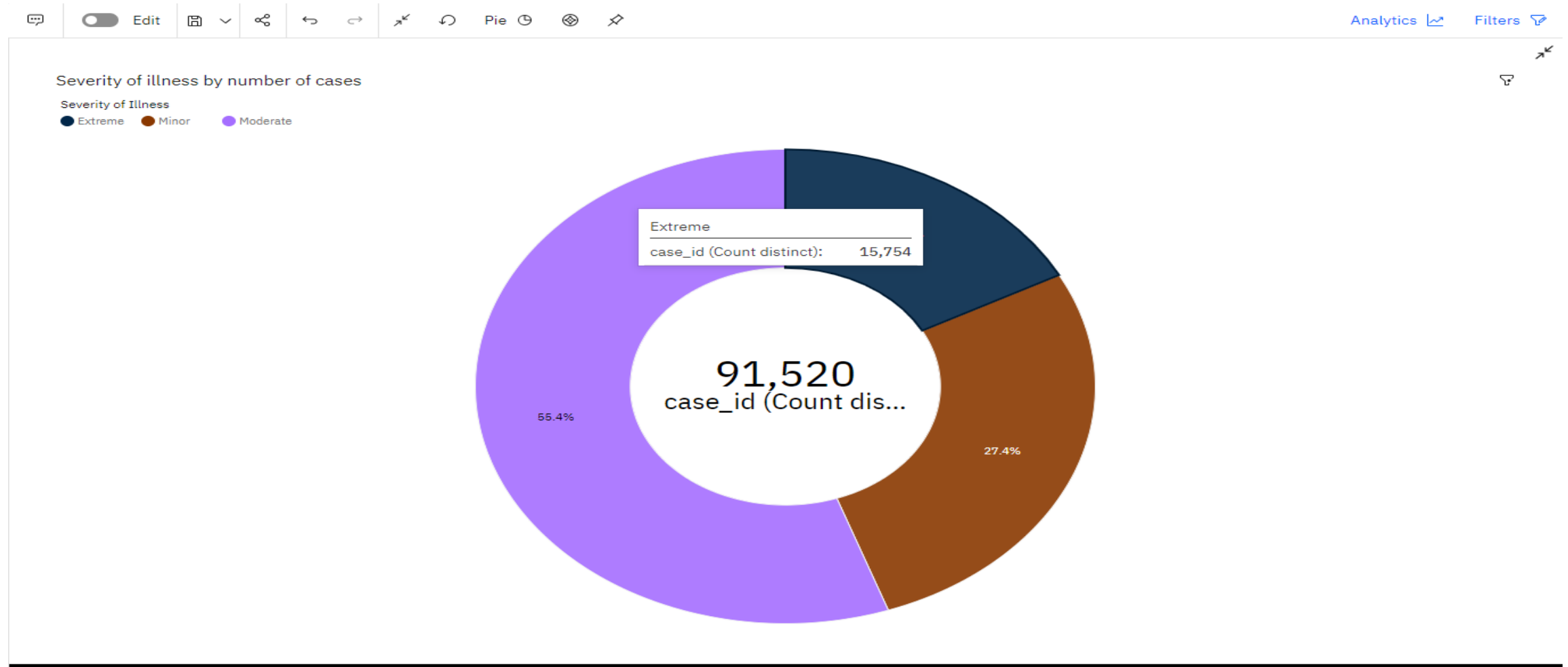
5. Bed grade with number of cases bydepartment and ward-wise.



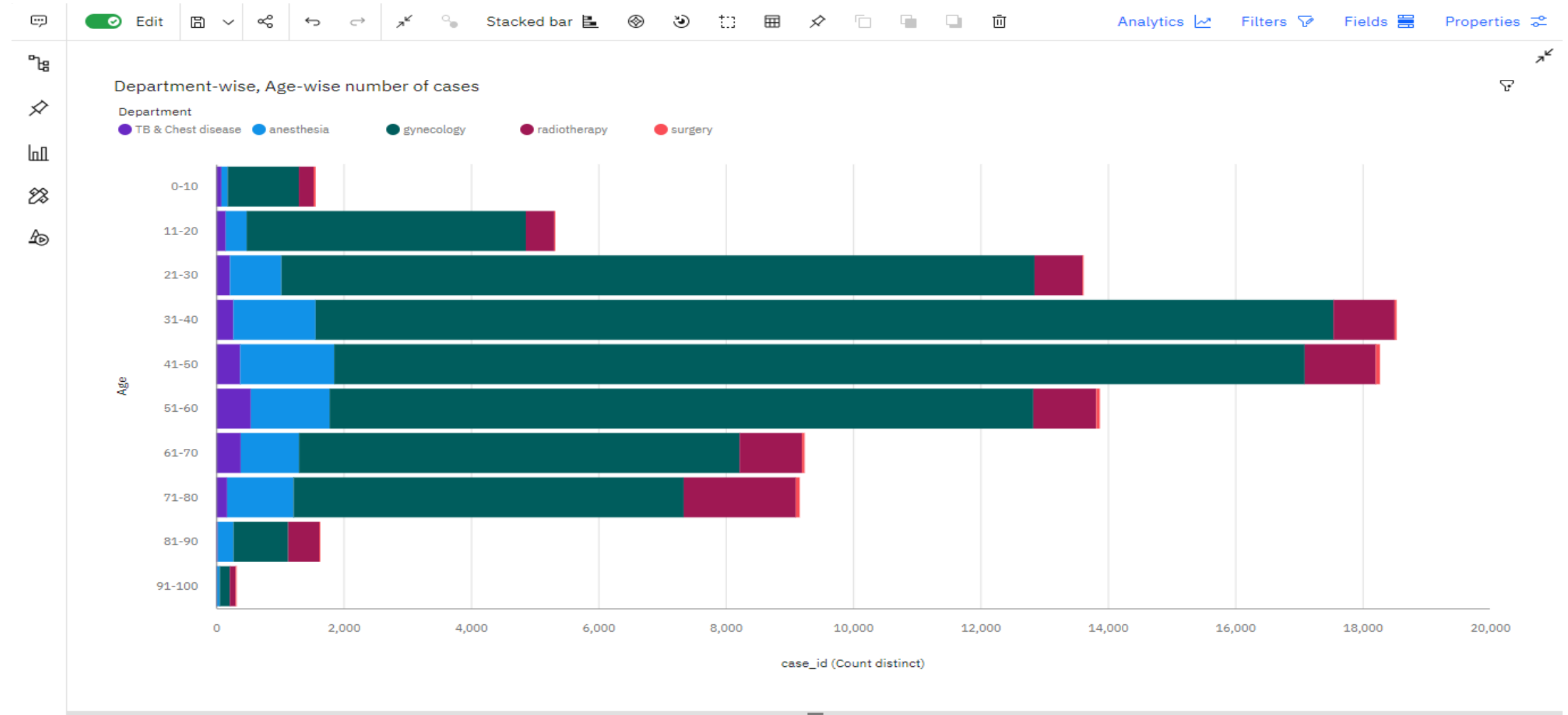
6. Department wise admission deposit amount in the hospital.



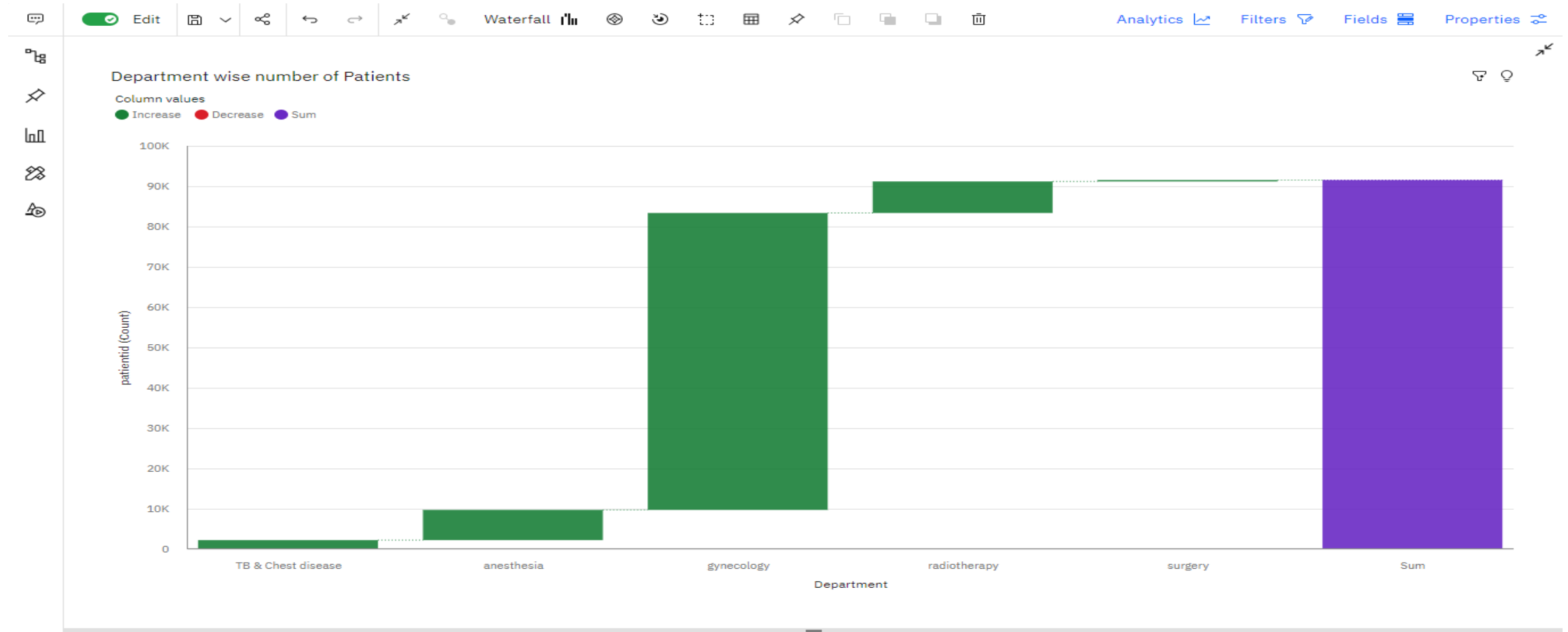
7. Severity of illness by number .



8. Department -wise,age-wise number of cases.



9. Department wise number of cases.



10. Available extra rooms in hospital.

