

PROJECT DEVELOPMENT PHASE

SPRINT DELIVERY -3

TEAM ID :PNT2022TMID03446

BATCH NO : B2-2M4E

PROJECT : Analytics for Hospitals Health-Care Data

DATE : 10 NOV 2022

The background features a light blue gradient with various medical icons scattered around. These include several capsules in different colors (brown, pink, teal), a blister pack containing eight pink capsules, a pink digital thermometer showing a reading of 36.7, and a large pink clipboard with a teal stethoscope resting on it. The clipboard has a grid pattern on its sheet. Small pink plus signs are also visible in the corners.

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

PROJECT CONTRIBUTORS

Mythili p
Kousalya R
Lalitha Parameswari C
Dhivya Lakshmi S

Team ID:PNT2022TMID03446

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

HOSPITAL DASHBOARD

Severity Of Illness

Severity Of Illness

Extreme

Minor

Moderate



Department

5

Department



Ward Type

5

Ward Type



Type Of Admission

3

Type Of Admission



Severity Of Illness

1

Severity Of Illness

Department

Department

TB & Chest disease

anesthesia

gynecology

radiotherapy

surgery

Bed Grade, Department and Ward Type hierarchy colored by Ward Type and sized by Case Id

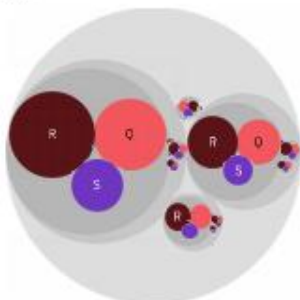
Case Id (Count dis...



Ward Type

P Q R S T

1 11,018



Length of Stay by Hospital Region Code colored by Department

Department

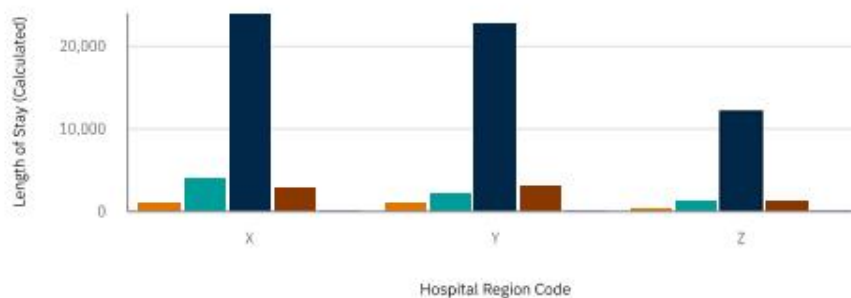
TB & Chest disease

anesthesia

gynecology

radiotherapy

surgery



Patientid by Age colored by Department

Department

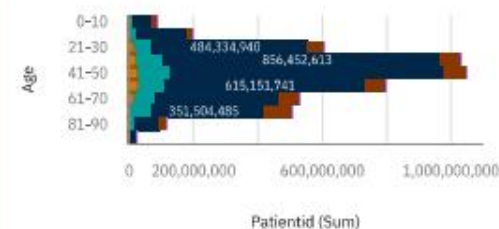
TB & Chest disease

anesthesia

gynecology

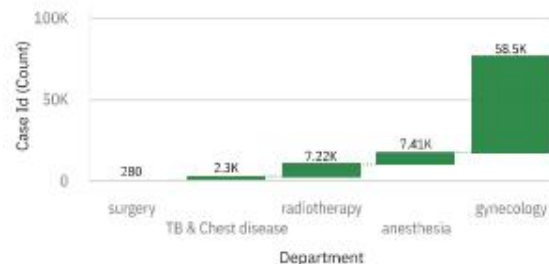
radiotherapy

surgery



Column values

Increase Decrease



Measures Severity Of Illness

Length of Stay

Length of Stay

Extreme

Minor

Moderate



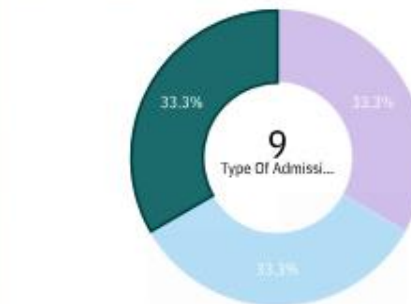
Type Of Admission by Severity Of Illness

Severity Of Illness

Pyramis

Minor

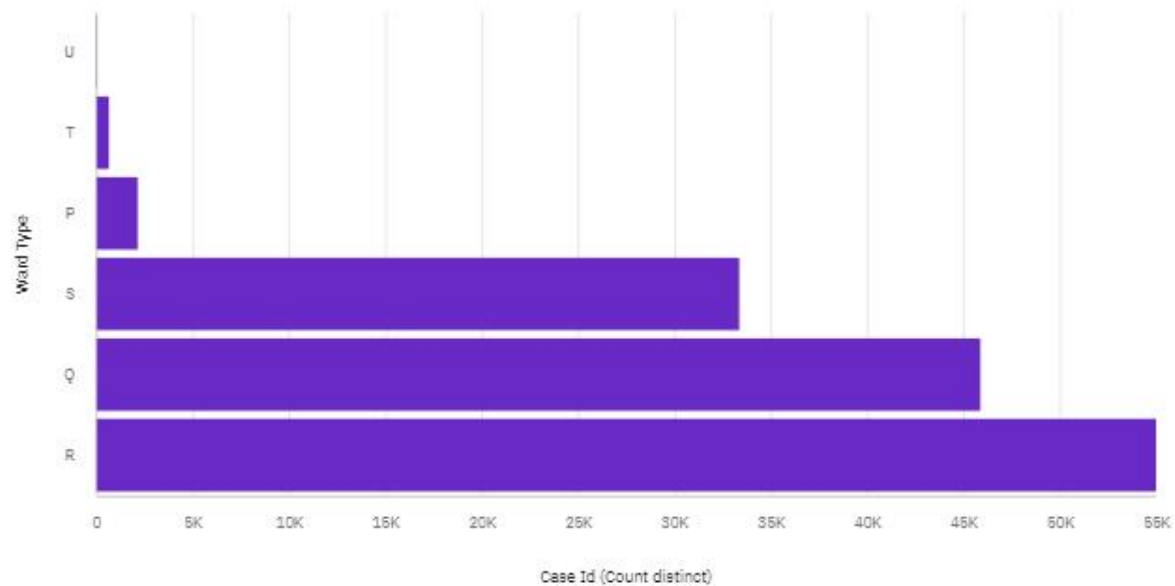
Mytarsis



Dash board with the following visuals to present various analytics of Hospitals.

- Bar Chart to show case number of Cases based on Ward Type
- Geo Map to show case number of cases based on City, Hospital and Region
- Column Chart to show case Number of Cases by each Department
- Pie-Chart show case the Number of Cases by Ward Facility type.

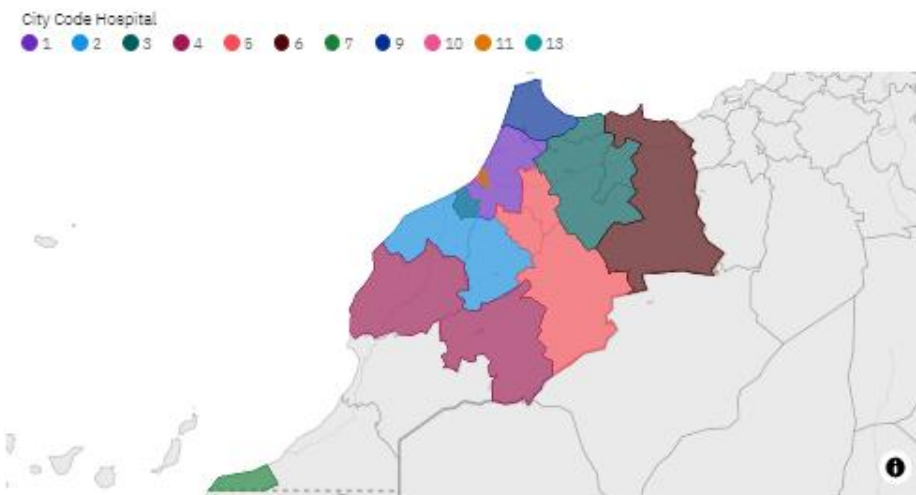
Case Id by Ward Type



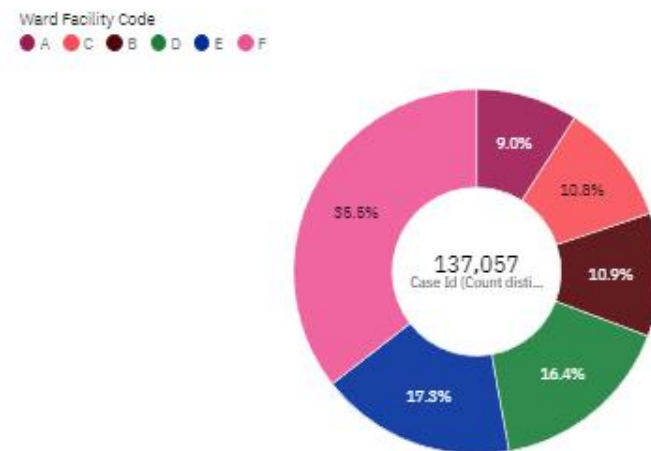
Case Id by Department



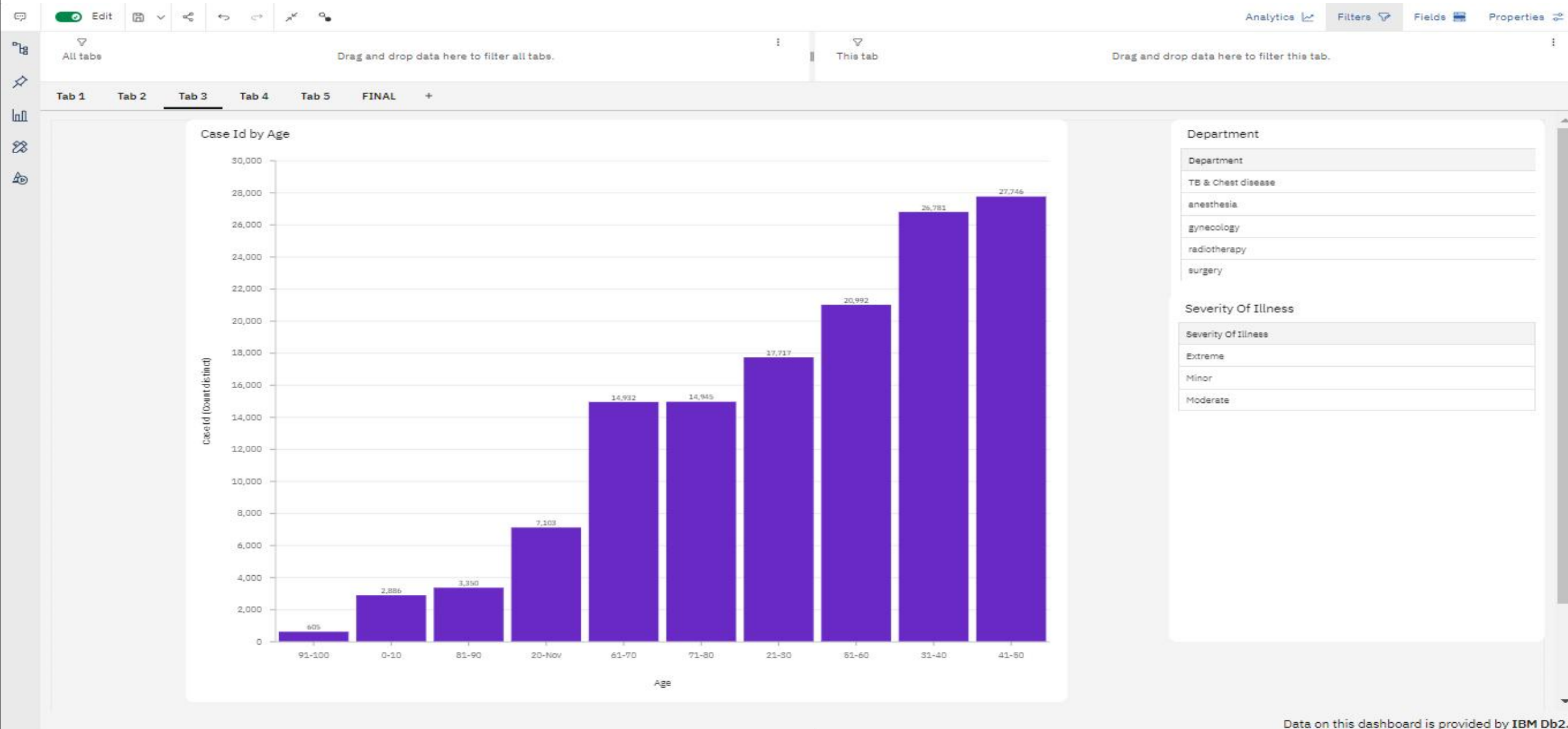
City Code Hospital for City Code Hospital regions



Case Id by Ward Facility Code



Age wise Number of Patients with Department and Severity Filters.)



Dashboard with Hierarchy Bubble and Radial Visuals as follows:

1.Hierarchy Bubble to show case Bed Grade with Number of Cases by Department and Ward-wise.

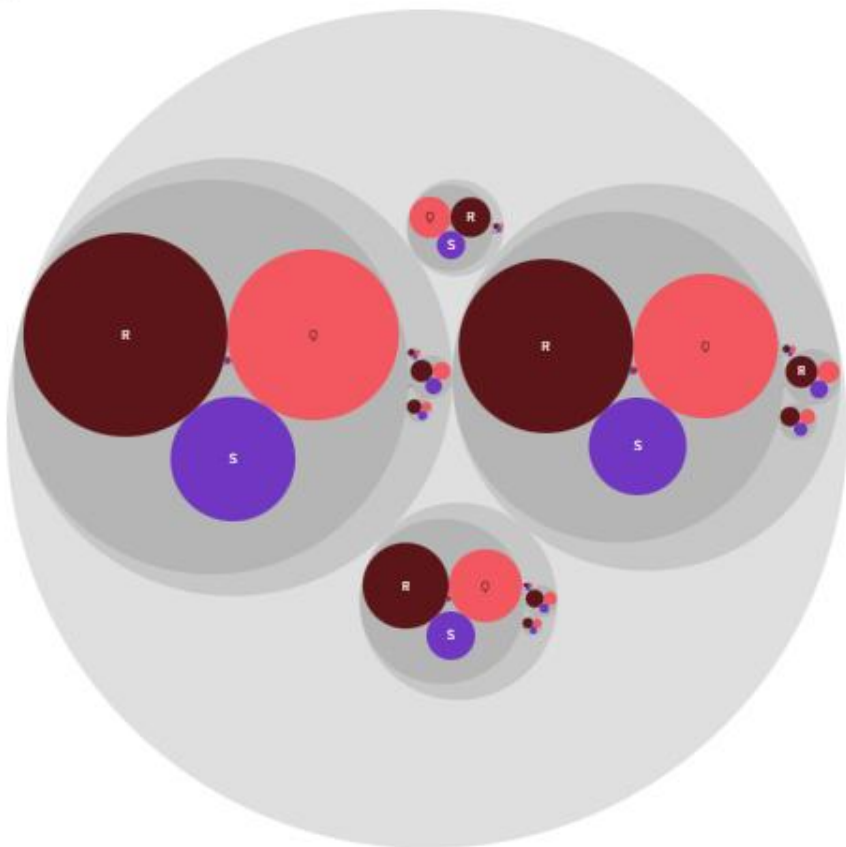
2.Radial chart to show case Department wise Admission Deposit Amount.

All tabs
Drag and drop data here to filter all tabs.

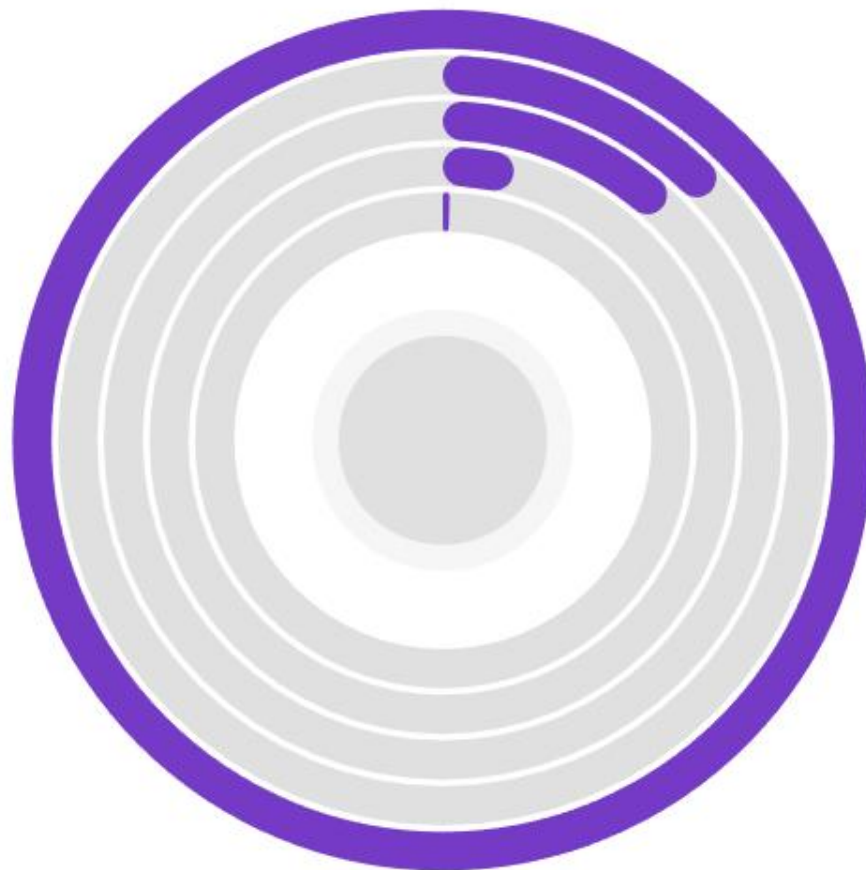
This tab
Drag and drop data here to filter this tab.

Tab 1 Tab 2 Tab 3 **Tab 4** Tab 5 FINAL +

Bed Grade, Department and Ward Type hierarchy colored by Ward Type and sized by Case Id



Admission Deposit by Department

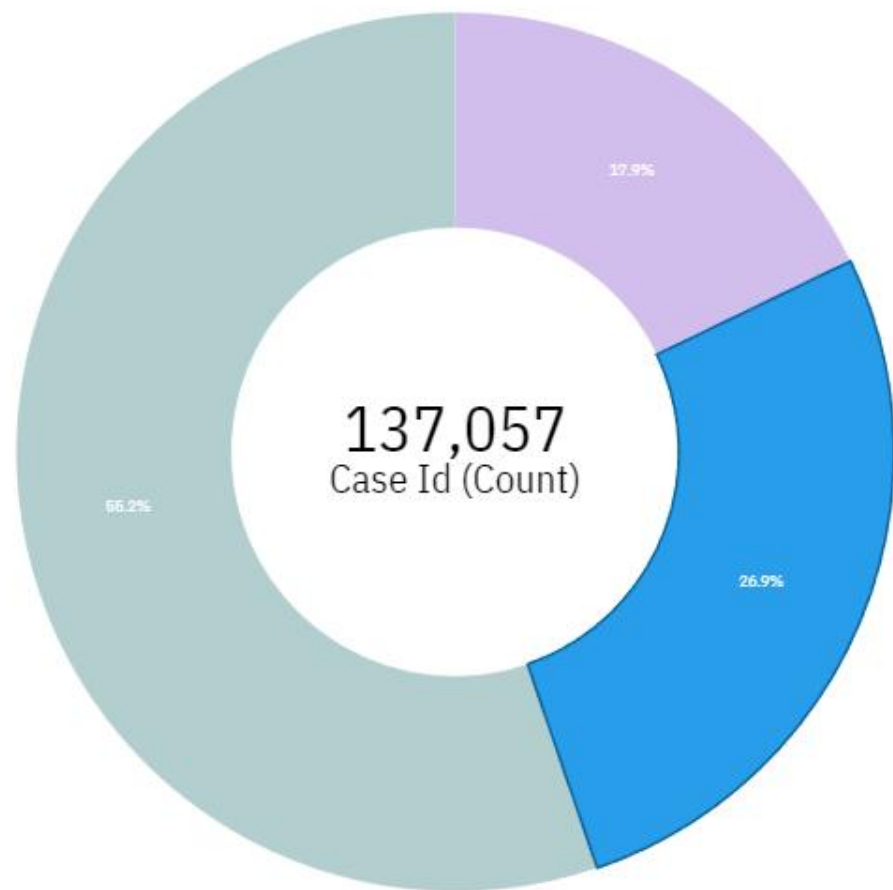


Dashboard to show case the following analytical visuals.

- a Pie-Chart showing Severity of illness by number of cases.
- a Stacked Bar Chart to visualize Department-wise, Age-wise number of cases.
- a Waterfall chart visualizing the Department wise number of Patients.

Case Id by Severity Of Illness

Severity Of Illness
Extreme Minor Moderate



Case Id by Age colored by Department

Department
TB & Chest disease anesthesia gynecology radiotherapy surgery

