

PROJECT DEVELOPMENT PHASE

SPRINT DELIVERY -3

TEAM ID : PNT2022TMID26228

PROJECT : Analytics for Hospital Health-Care Data

DATE : 10 NOV 2022



ANALYTICS FOR HOSPITAL'S HEALTH - CARE DATA

Team ID -
PNT2022TMID2228

DivyaDarshani.R
Nanditha.V
Vishali.M
Vaidegi.B

**Team ID -
PNT2022TMID26
228**

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

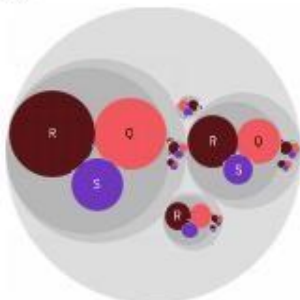
surgery

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

Case Id (Count dis... Ward Type

1 11,018

P Q R S T



Length of Stay by Hospital Region Code colored by Department

Department

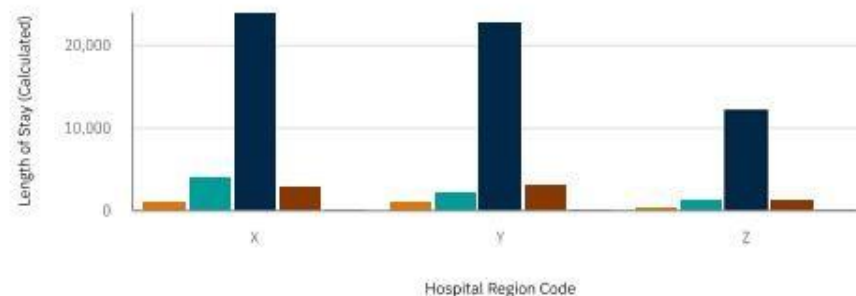
TB & Chest disease

anesthesia

gynecology

radiotherapy

surgery



Patientid by Age colored by Department

Department

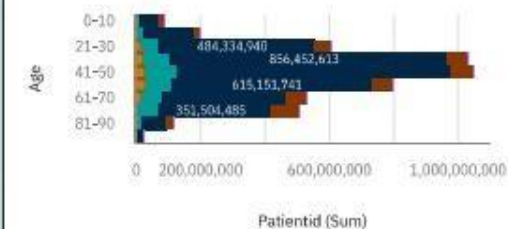
TB & Chest disease

anesthesia

gynecology

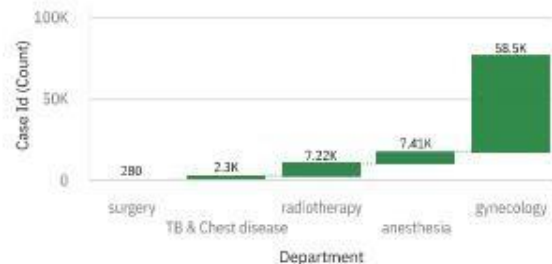
radiotherapy

surgery



Column values

Increase Decrease



Measures Severity Of Illness

Length of Stay

Length of Stay

Extreme

Minor

Moderate



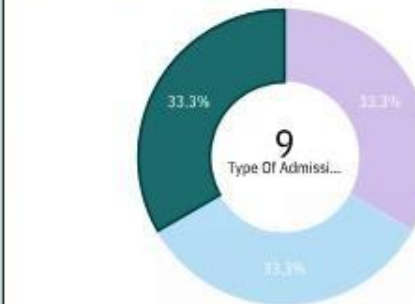
Type Of Admission by Severity Of Illness

Severity Of Illness

Pyramis

Minor

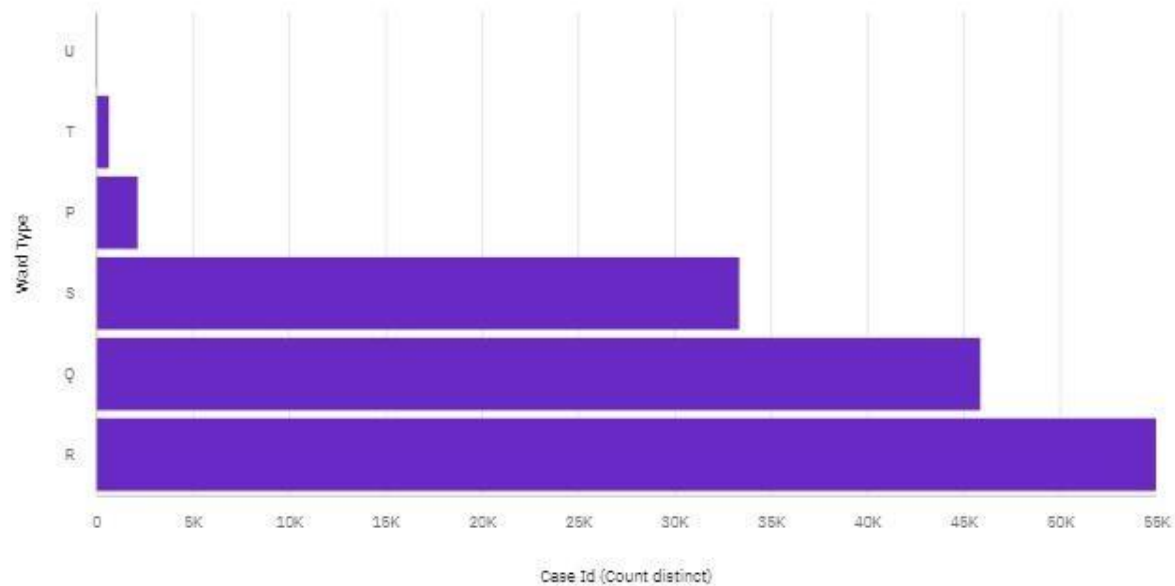
Moderate



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

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

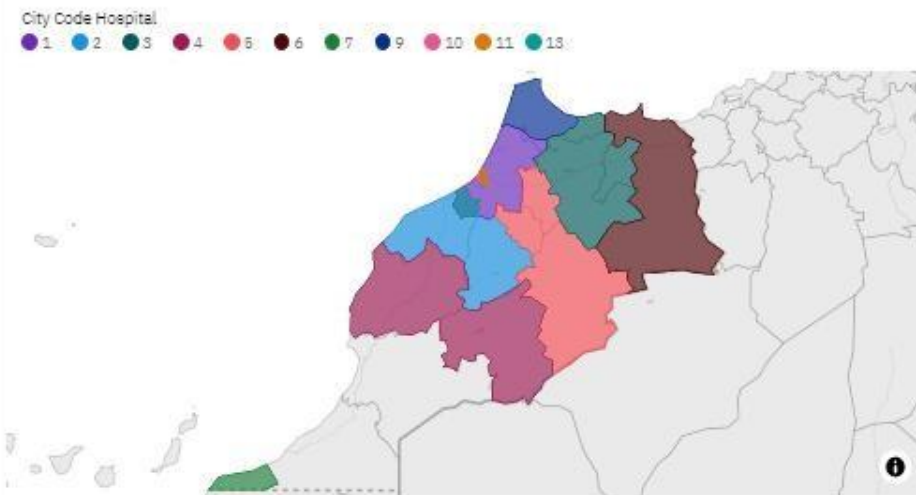
Case Id by Ward Type



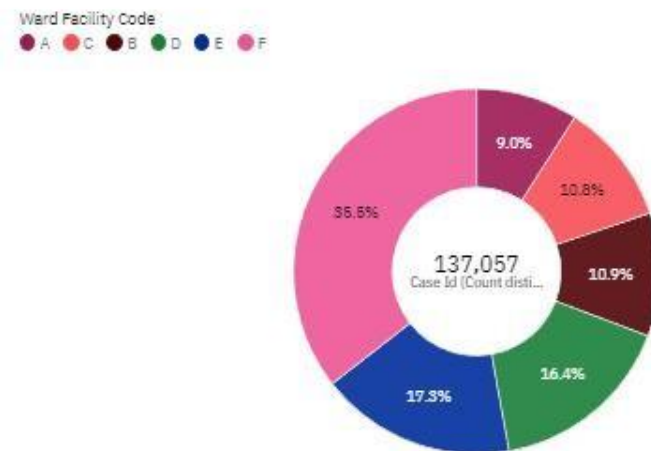
Case Id by Department



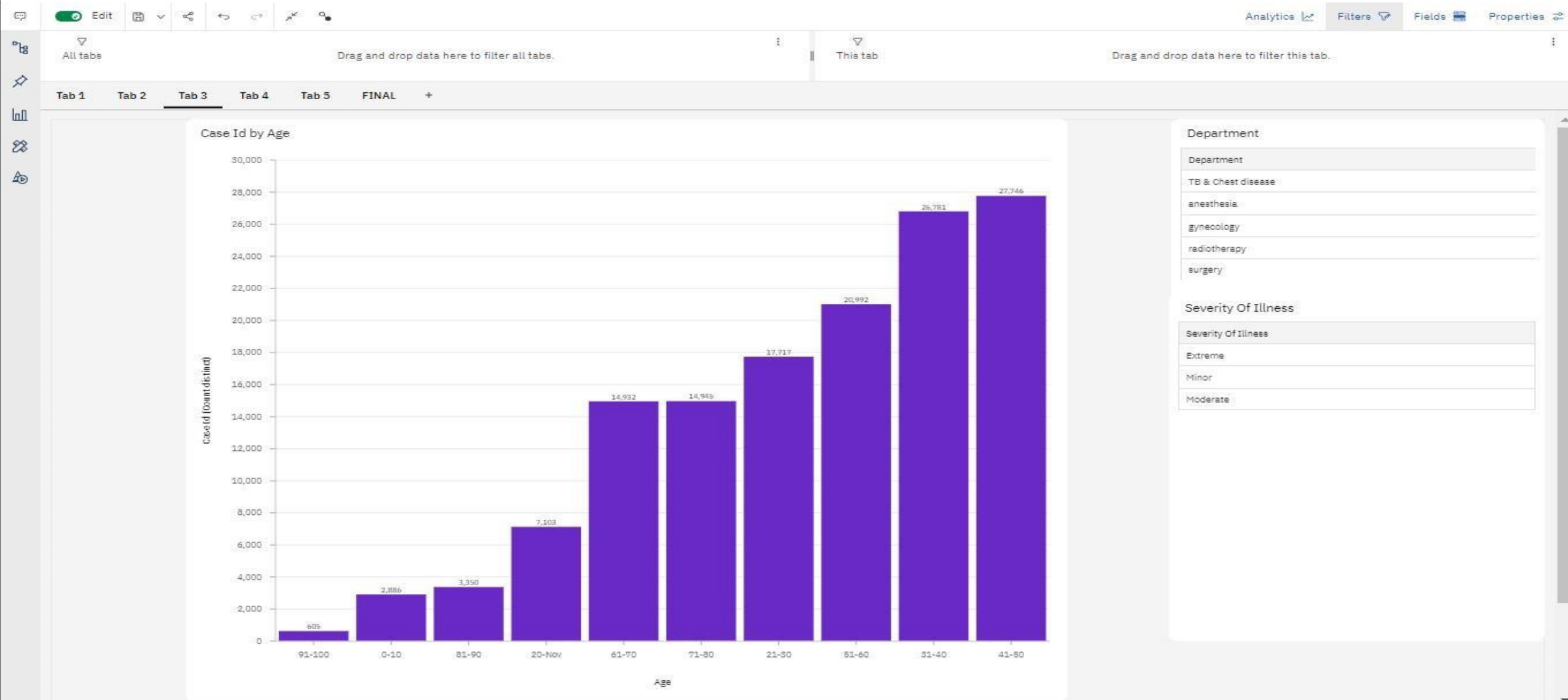
City Code Hospital for City Code Hospital regions



Case Id by Ward Facility Code



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



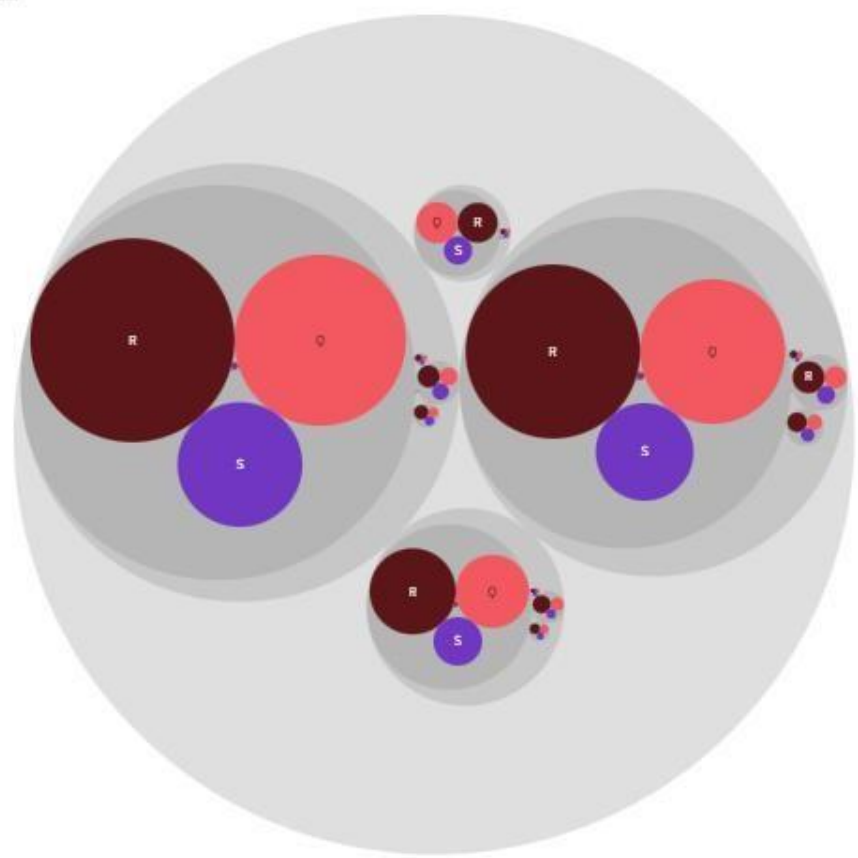
Dashboard with Hierarchy Bubble and Radial Visuals as follows:

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

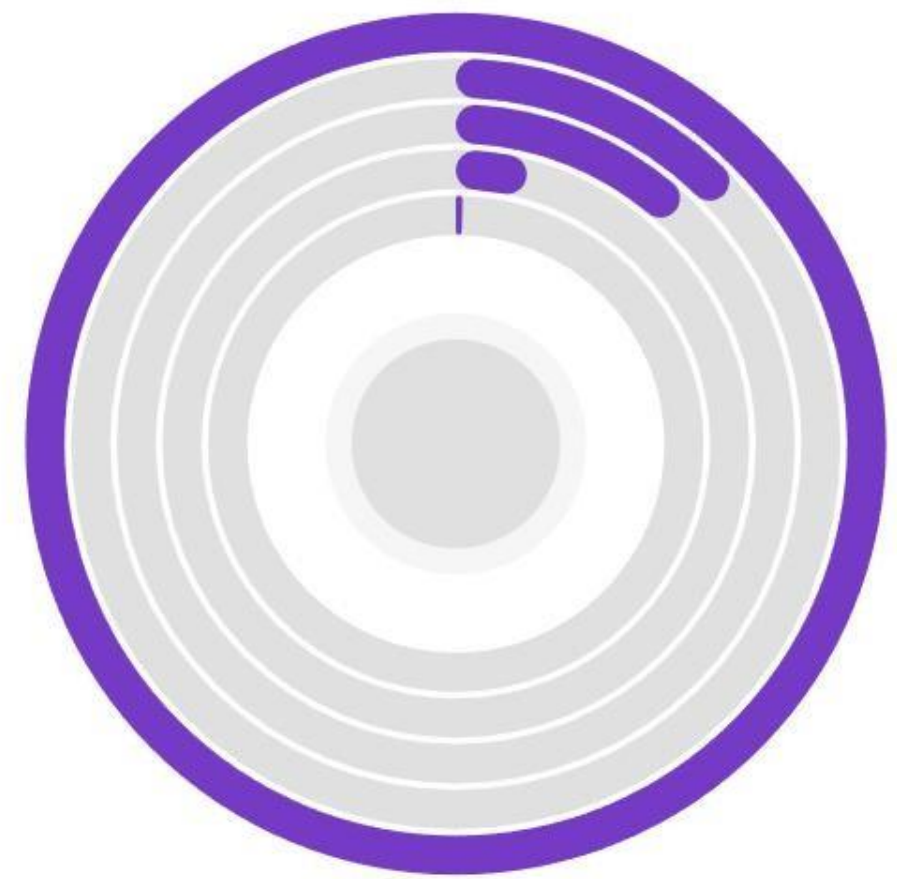
2.Radial chart to show case Department wise Admission Deposit Amount.

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.

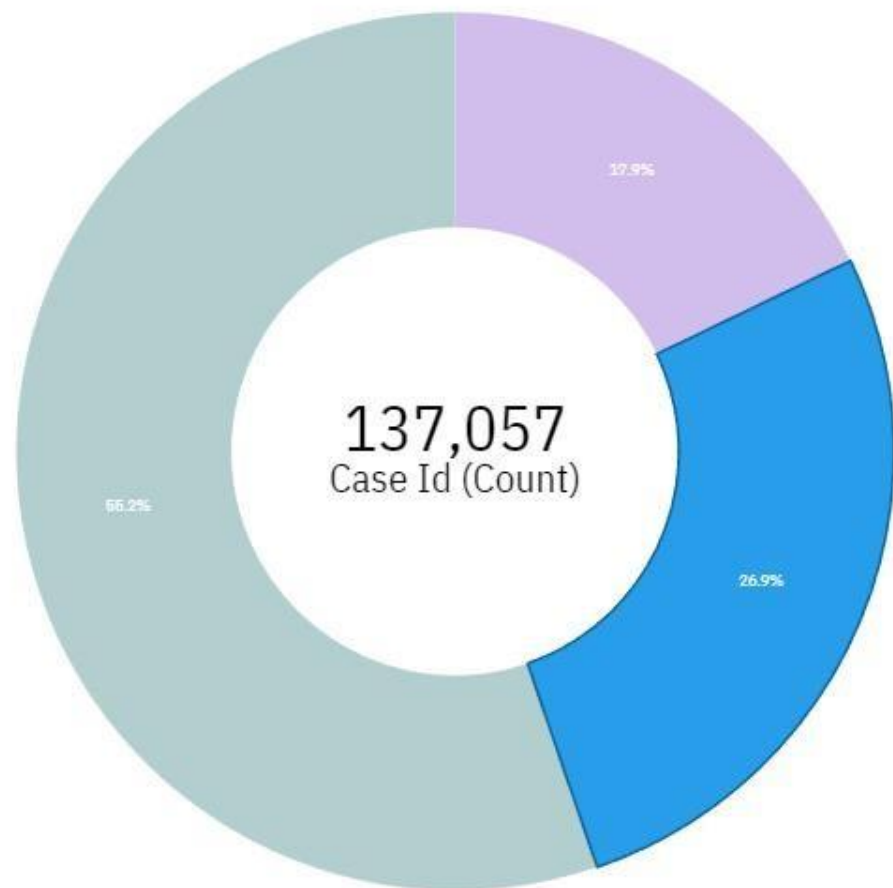
- a Stacked Bar Chart to visualize Department-wise, Age-wise number of cases.

- a Waterfall chart visualizing the Department wise number of Patients.

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

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

