

PROJECT DEVELOPMENT PHASE

SPRINT DELIVERY -3

TEAM ID : PNT2022TMID17589

BATCH NO : B8-2A4E

PROJECT : Analytics for Hospitals Health-Care Data

DATE : 10 NOV 2022



ANALYTICS FOR HOSPITAL'S HEALTH - CARE DATA

PROJECT CONTRIBUTORS

BRINDHA.I

MANJULA.R

SOWMIYA.M

PUSHPAVALLI.M

TEAM ID - PNT2D22TMID17589

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

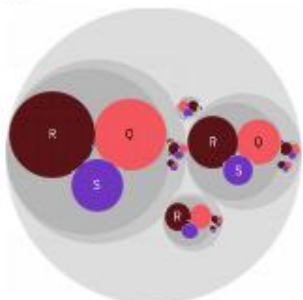
Bed Grade, Department and Ward Type hierarchy colored by Ward Type and sized by Case Id

Case Id (Count dis...

1 11,018

Ward Type

P Q R S T



Length of Stay by Hospital Region Code colored by Department

Department

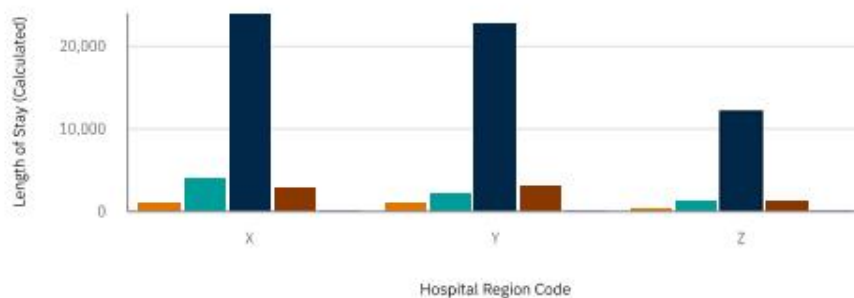
TB & Chest disease

anesthesia

gynecology

radiotherapy

surgery



Patientid by Age colored by Department

Department

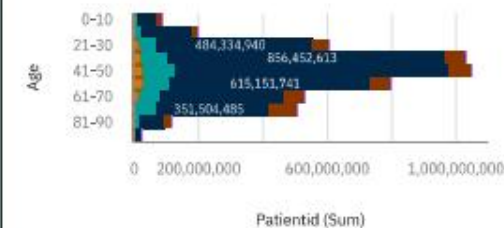
TB & Chest disease

anesthesia

gynecology

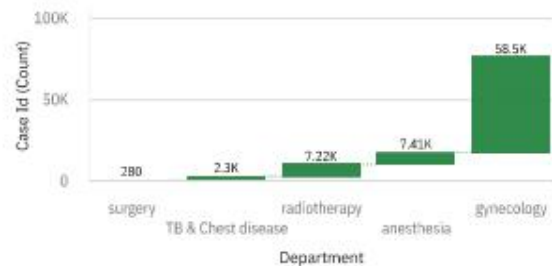
radiotherapy

surgery



Column values

Increase Decrease



Measures

Length of Stay Length of Stay

Severity Of Illness

Extreme Minor Moderate



Type Of Admission by Severity Of Illness

Severity Of Illness

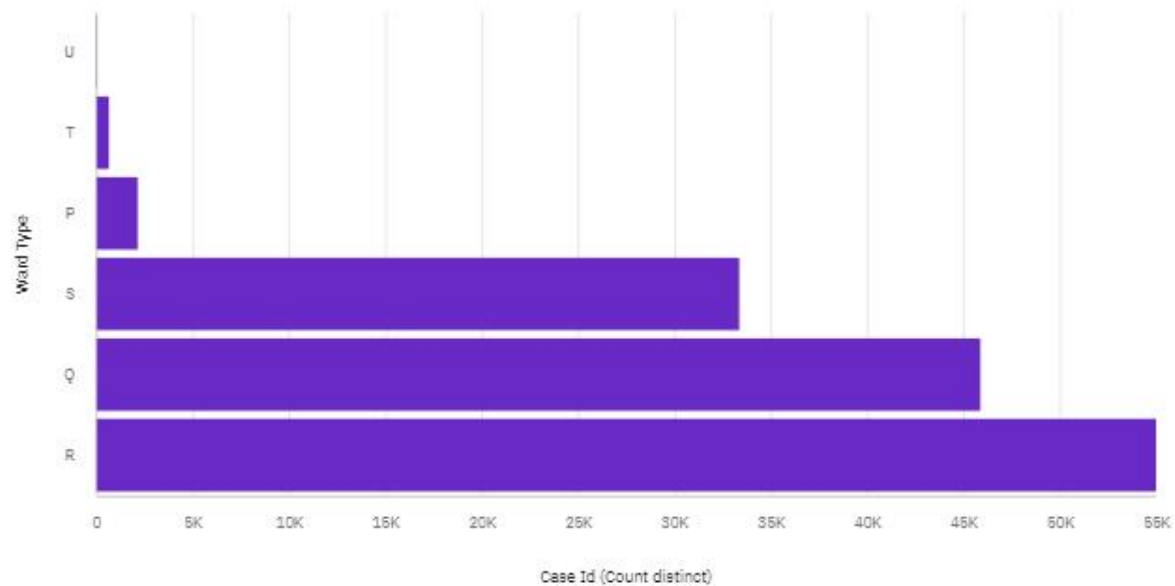
Pyramis Minor Moderate



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

- Bar Chart to show case number of Cases based on Ward 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.

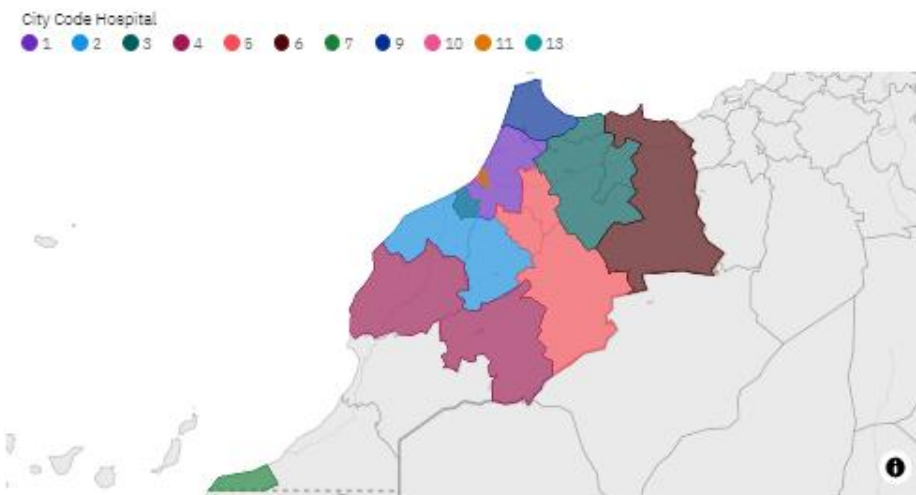
Case Id by Ward Type



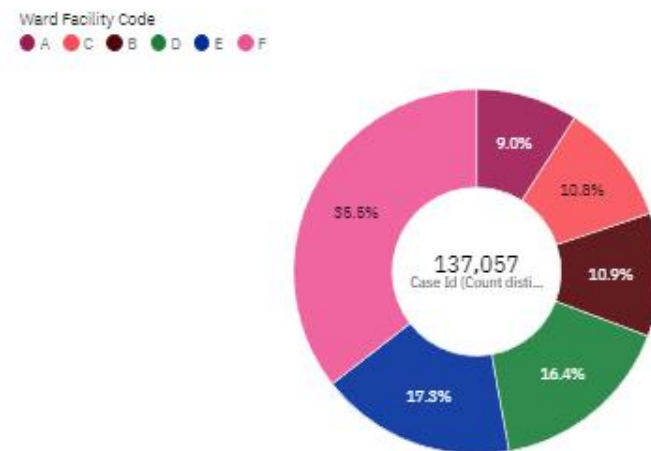
Case Id by Department



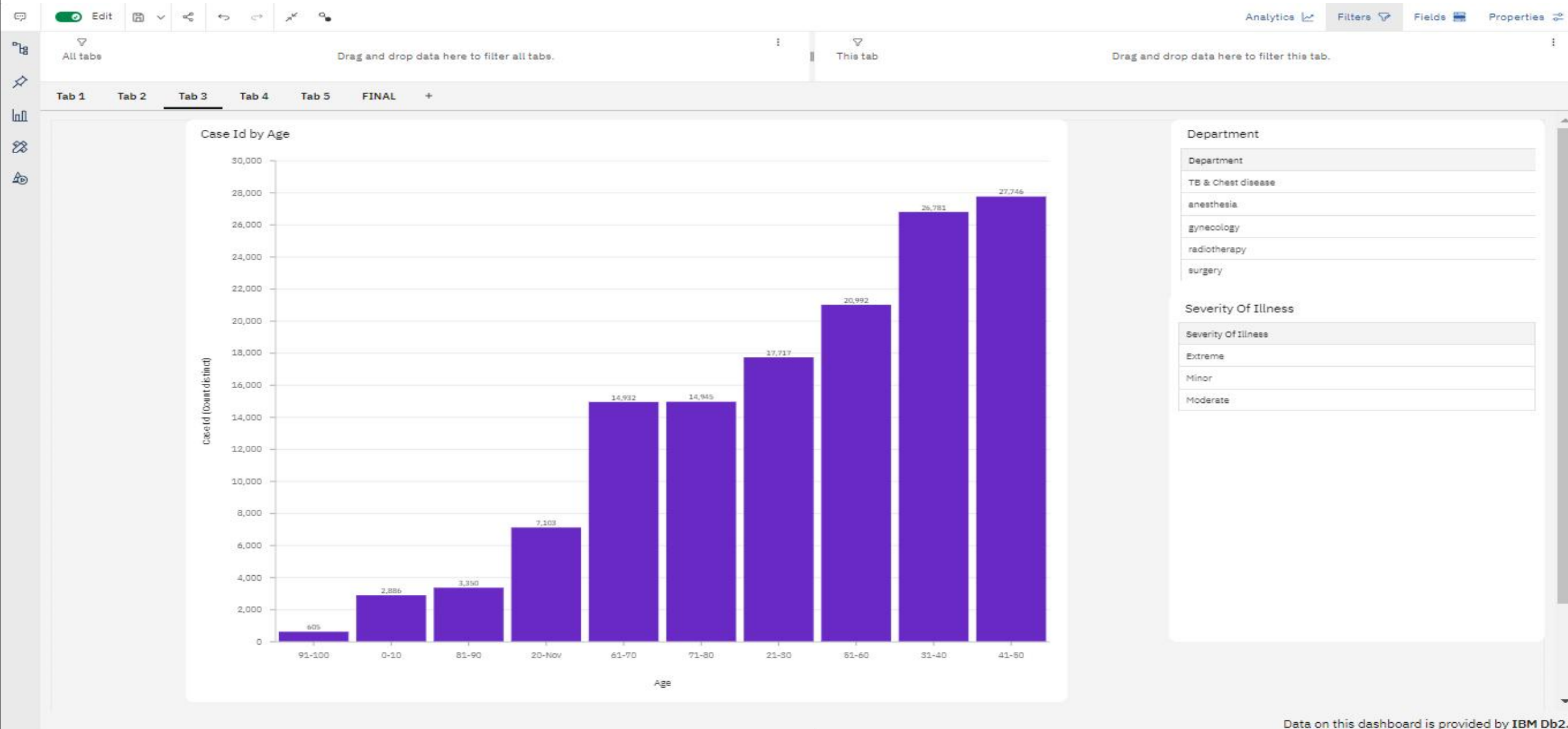
City Code Hospital for City Code Hospital regions



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.

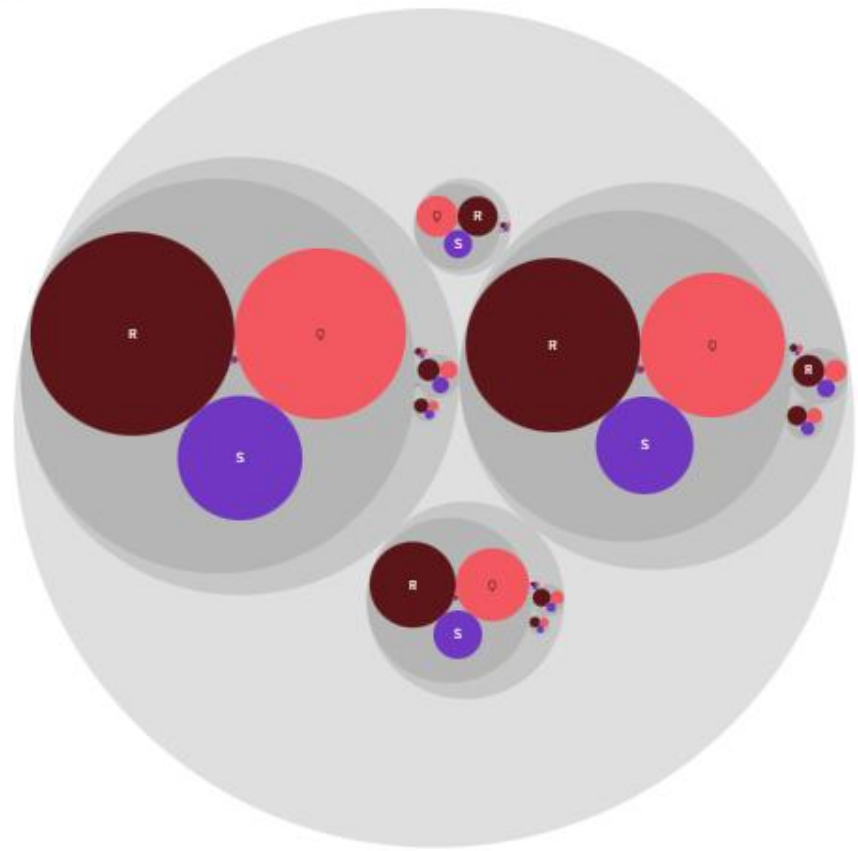
2.Radial chart to show case Department wise Admission Deposit Amount.

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

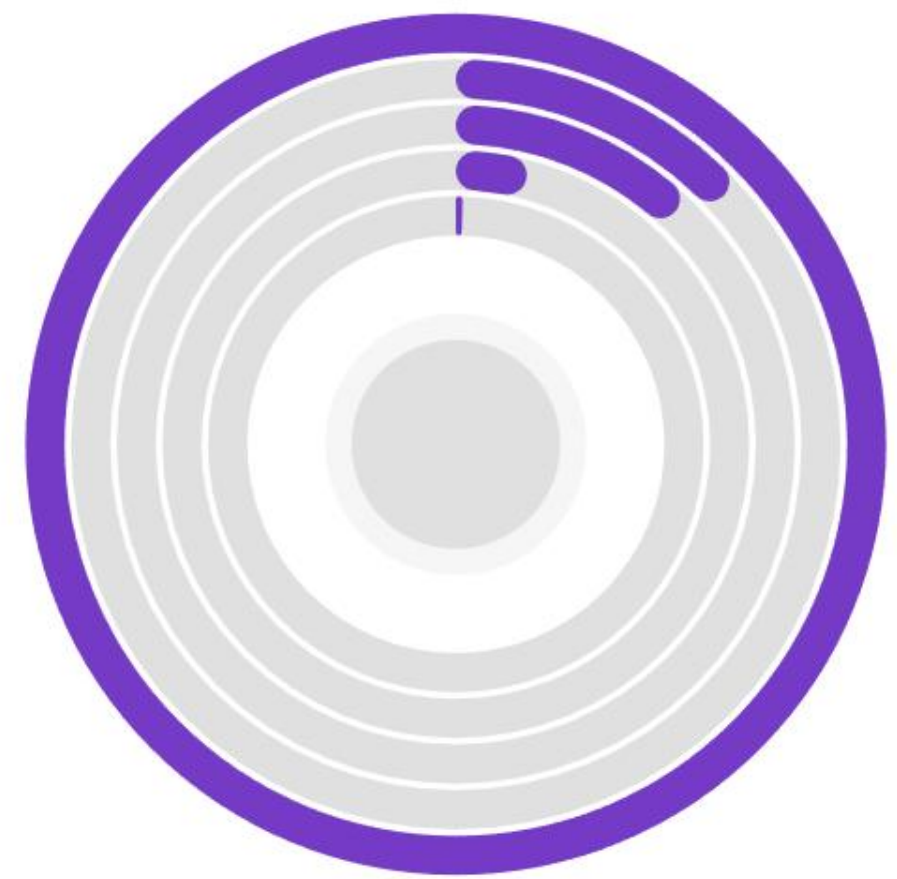
This tab
Drag and drop data here to filter this tab.

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

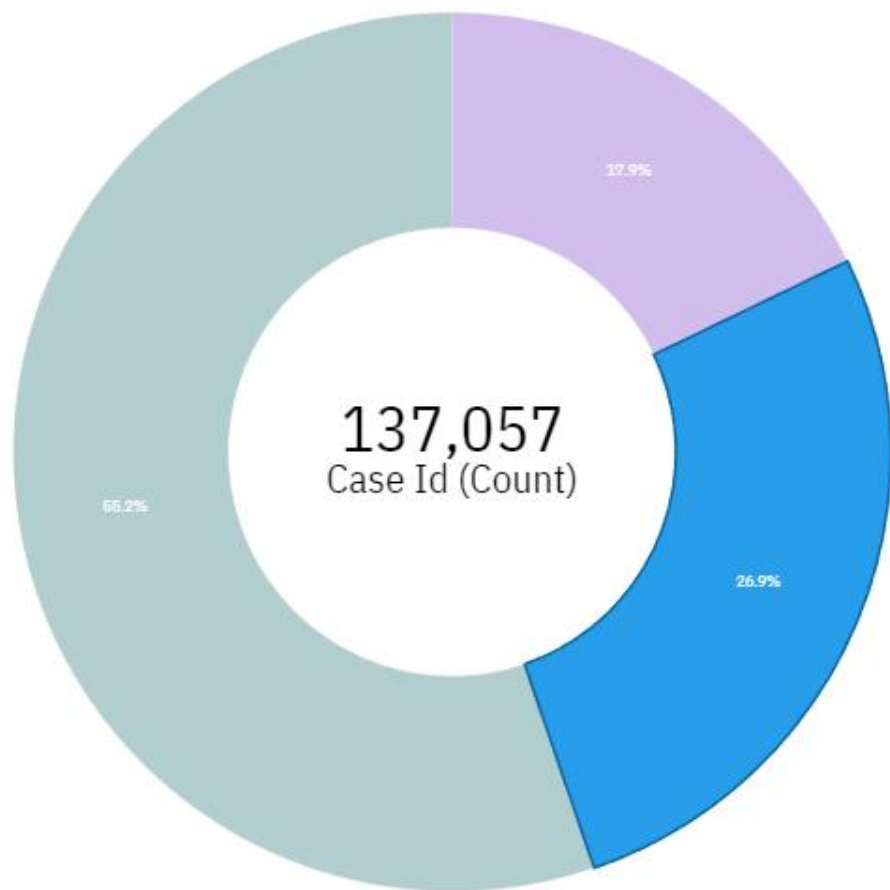


Dashboard to show case the following analytical visuals.

- 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

