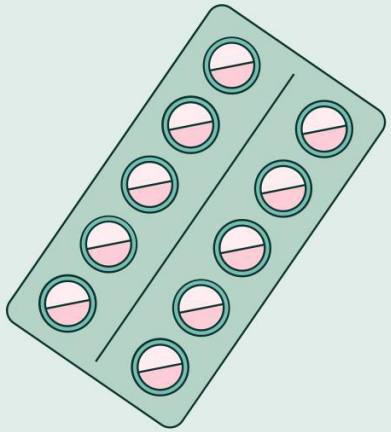
PROJECT DEVELOPMENT PHASE
SPRINT DELIVERY -3

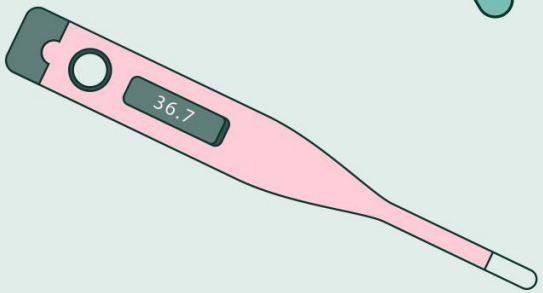
TEAM ID : PNT2022TMID01180

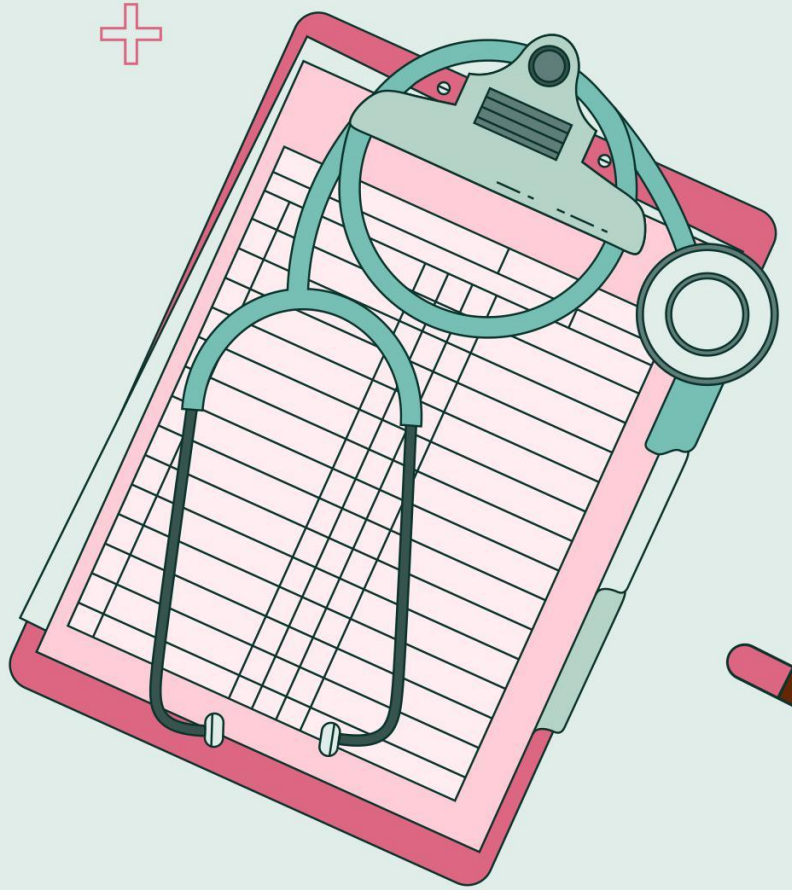
BATCH NO : B5-5M1E

PROJECT : Analytics for Hospitals Health-Care Data

DATE : 10 NOV 2022







ANALYTICS FOR HOSPITAL'S

HEALTH - CARE DATA

PROJECT CONTRIBUTORS

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SARDAR SOGHRA SAMREEN
POOJA K
VINEETA.M.R

TEAM ID-PNT2022TMID01180

Project Development Phase

Sprint-1: ✓ **Data Collection** ✓ **Loading of data** ✓ **Data Preparation**	**Sprint-3:** ✓ **Dashboard Creation**
Sprint-2: ✓ Data Exploration ✓ Data Visualization	Sprint-4: ✓ Report Creation ✓ Story Creation

FINAL

HOSPITAL DASHBOARD

Severity Of Illness

Severity Of Illness
Extreme
Minor
Moderate

Department
5
Department

Ward Type
5
Ward Type

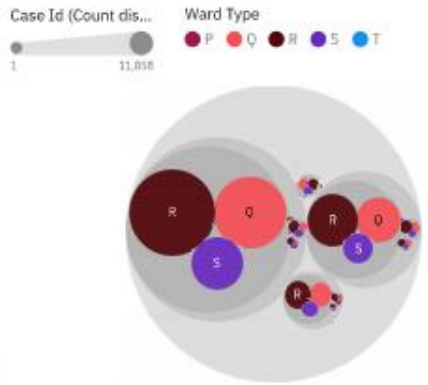
Type Of Admission
3
Type Of Admission

Severity Of Illness
1
Severity Of Illness

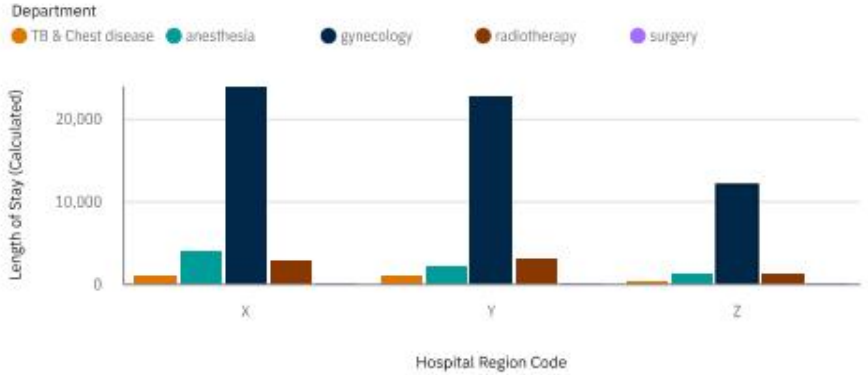
Department

Department
TB & Chest disease
anesthesia
gynecology
radiotherapy
surgery

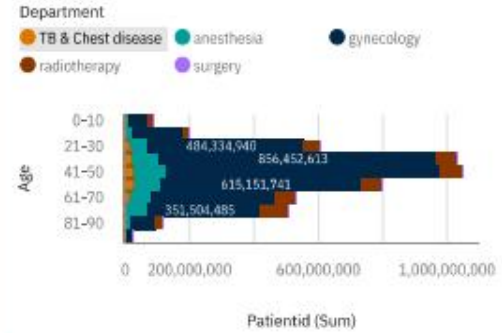
Bed Grade, Department and Ward Type hierarchy colored by Ward Type and sized by Case Id

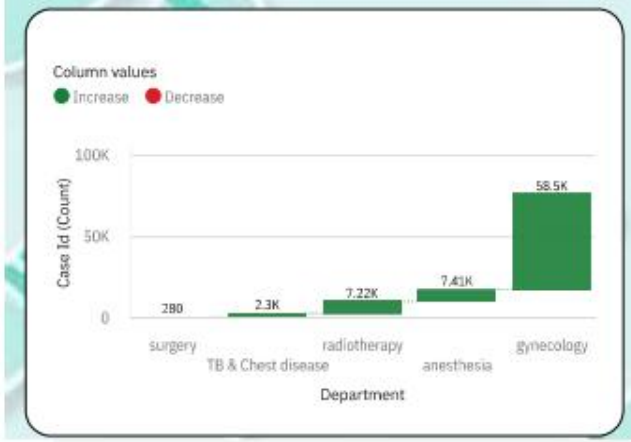


Length of Stay by Hospital Region Code colored by Department

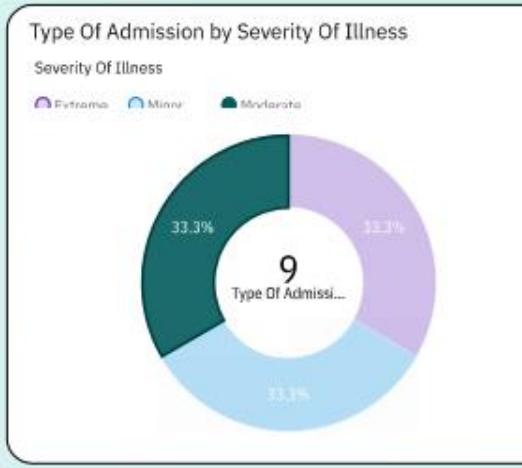


Patientid by Age colored by Department





Type Of Admission by Severity Of Illness



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.

Edit

Analytics | Filters | Fields | Properties

All tabs

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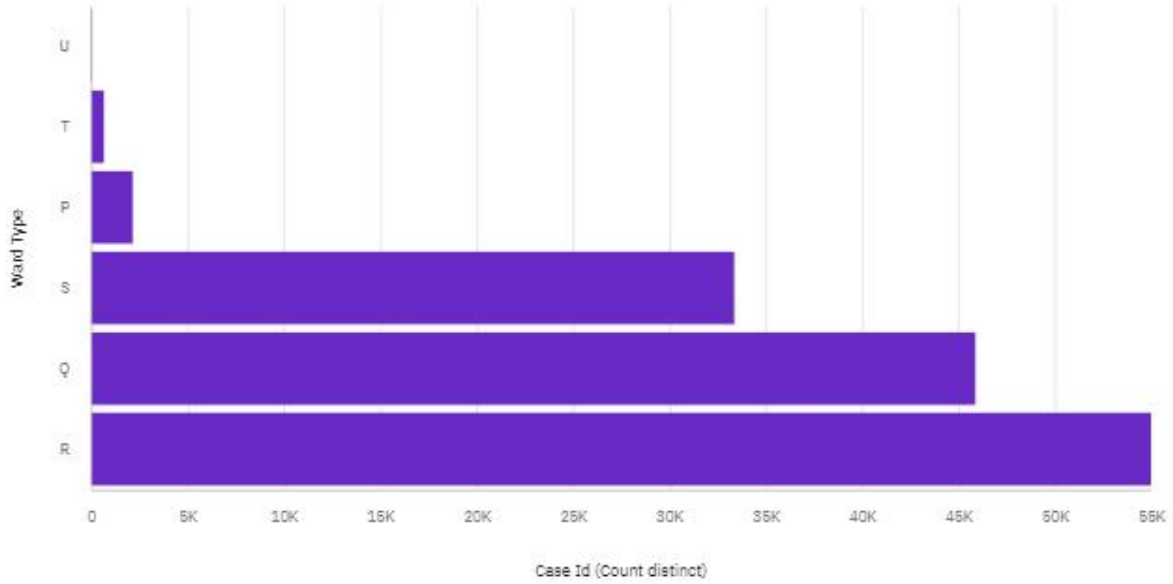
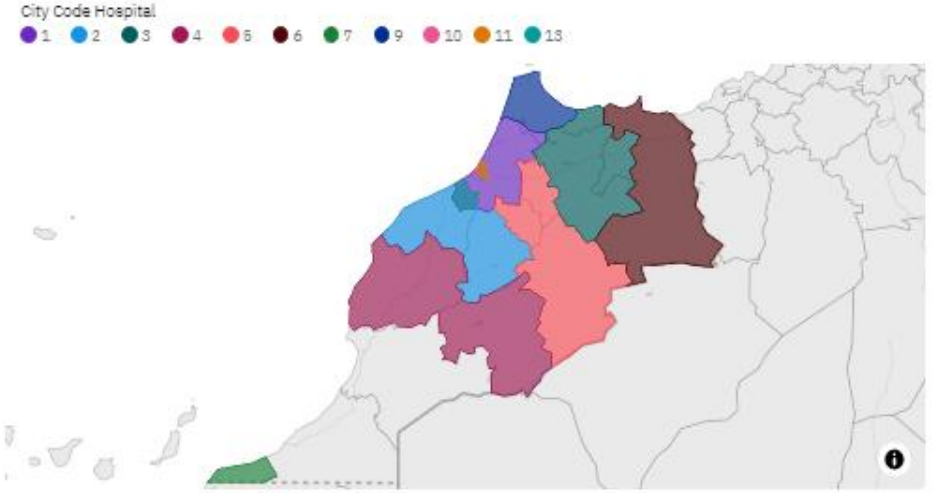
Tab 1 | Tab 2 | Tab 3 | Tab 4 | Tab 5 | FINAL | +

Case Id by Ward Type

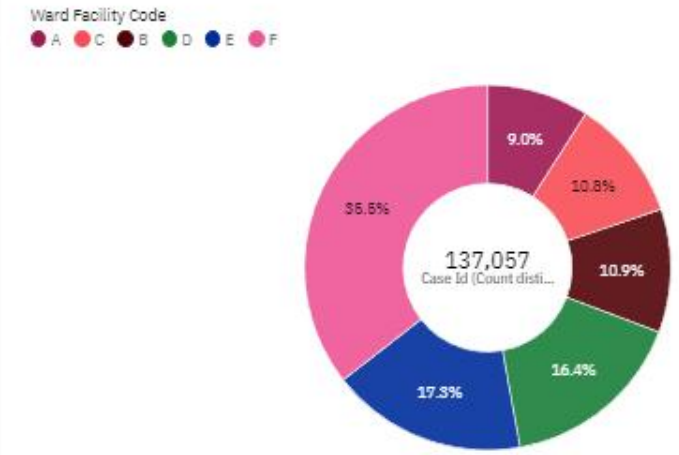


City Code Hospital for City Code Hospital regions



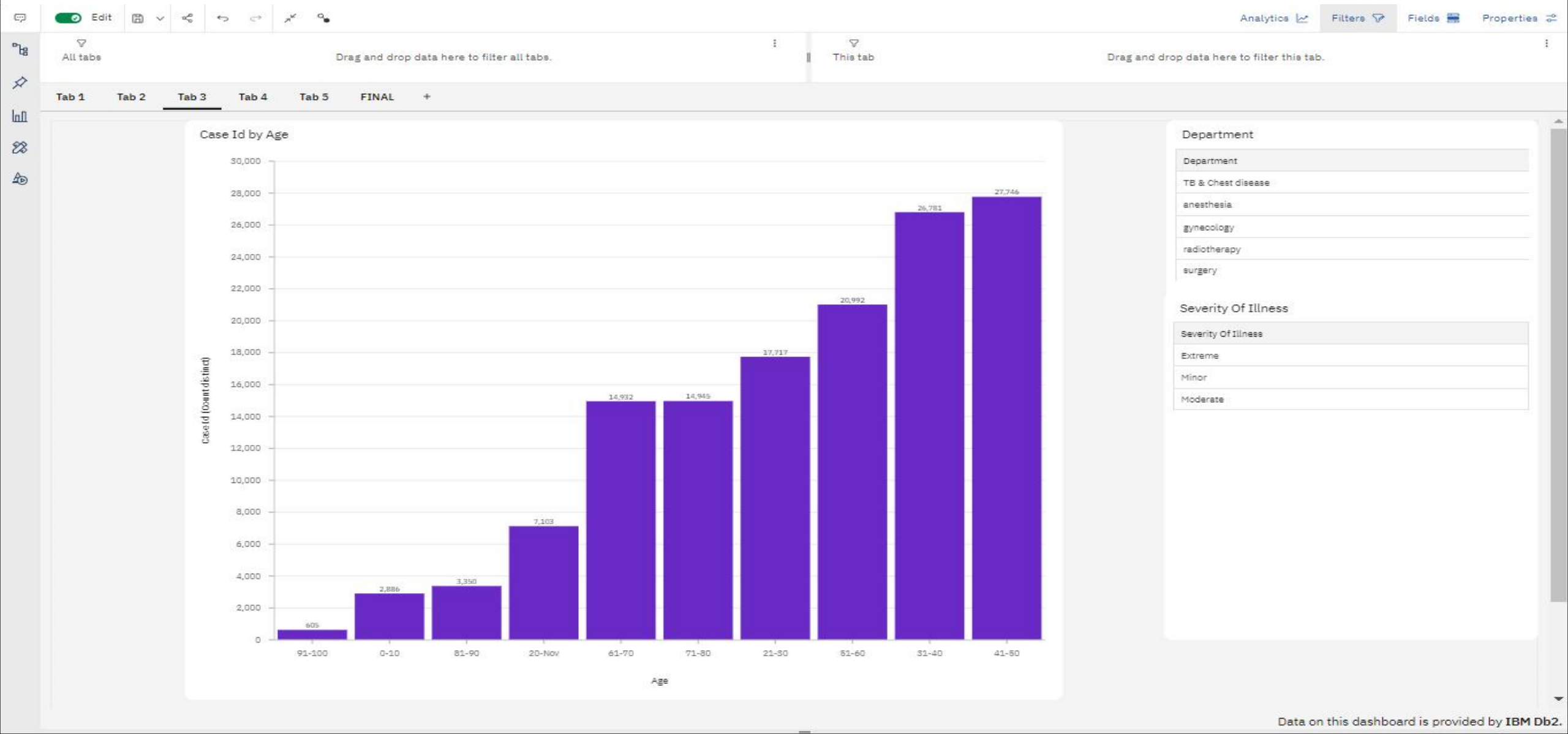
Case Id by Department

Case Id by Ward Facility Code



Data on this dashboard is provided by **IBM Db2.**

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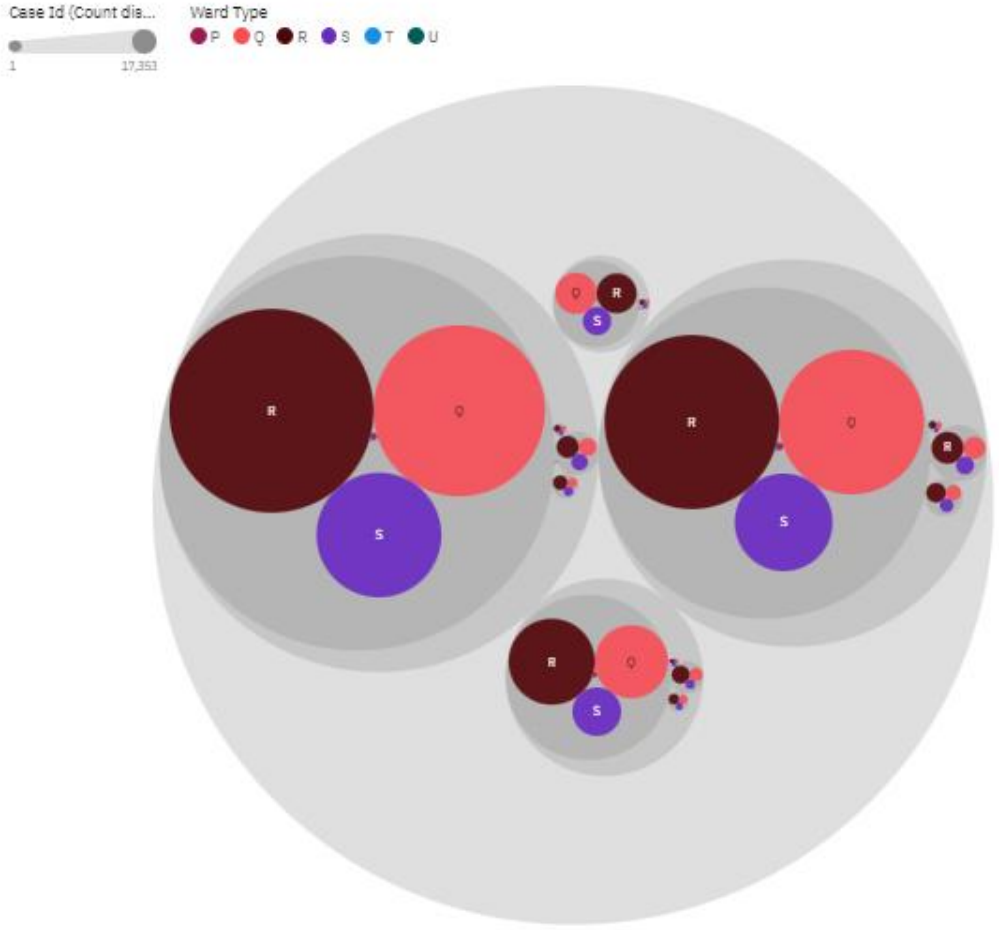
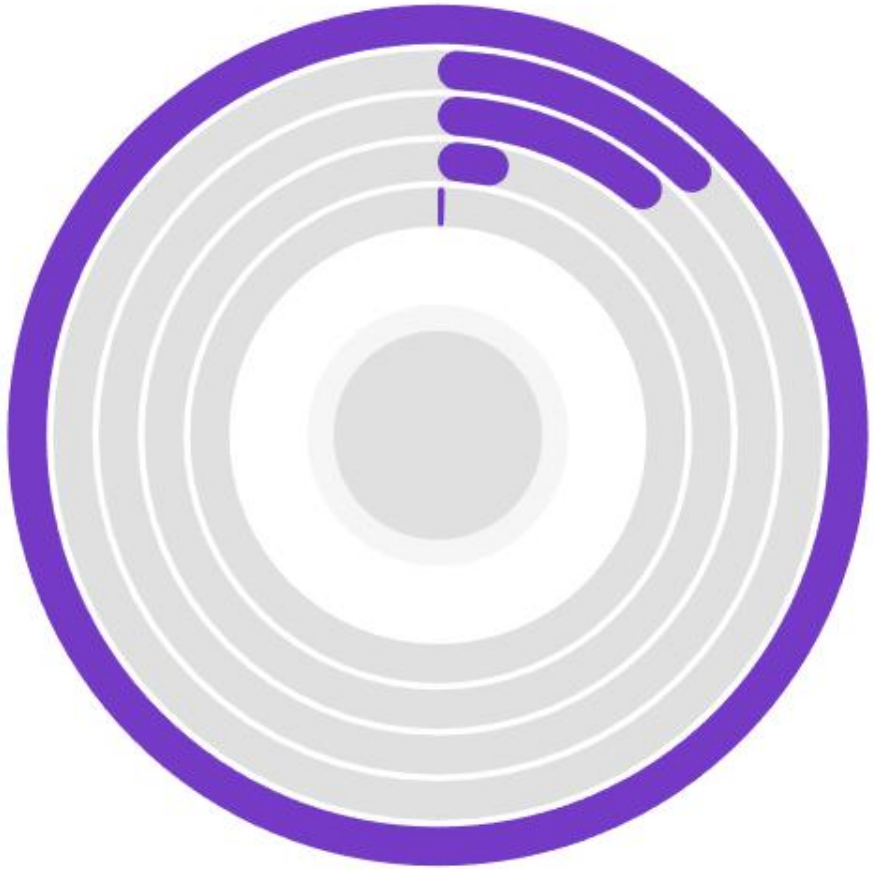
Tab 1 | Tab 2 | Tab 3 | Tab 4 | Tab 5 | FINAL | +

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.

Edit

Analytics | Filters | Fields | Properties

All tabs

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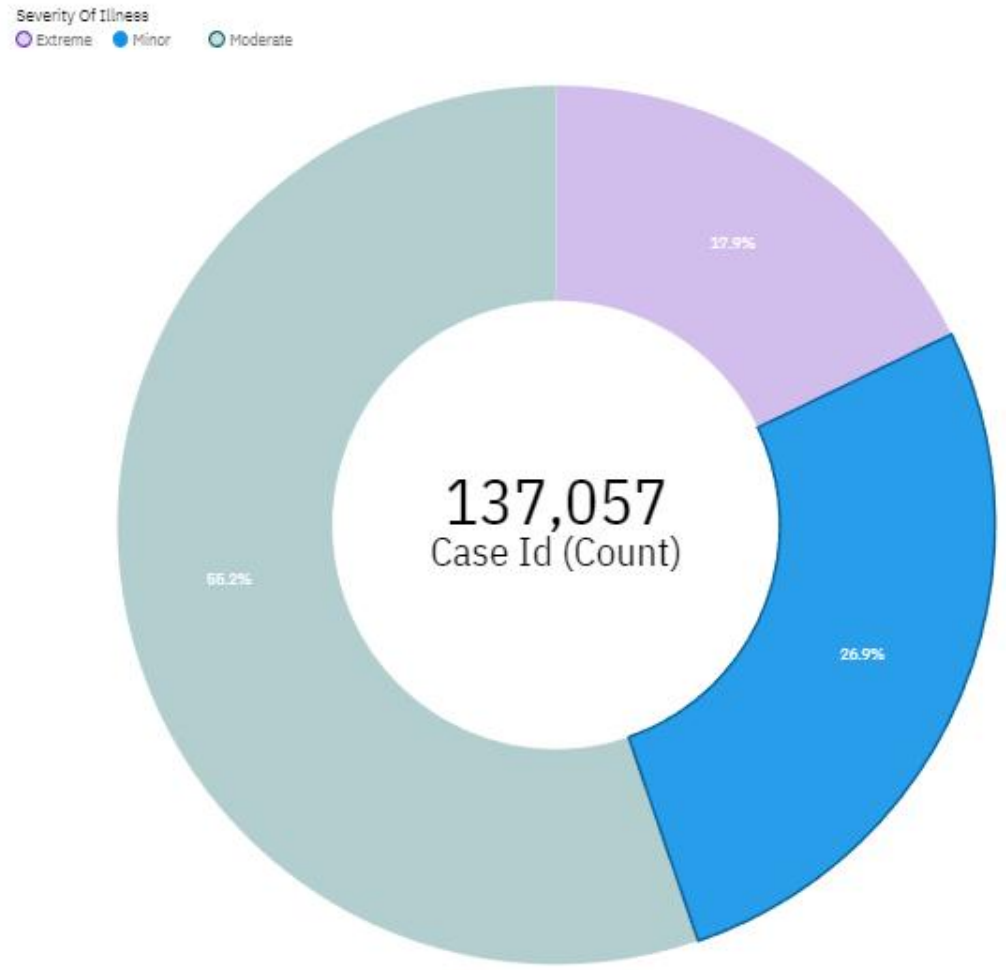
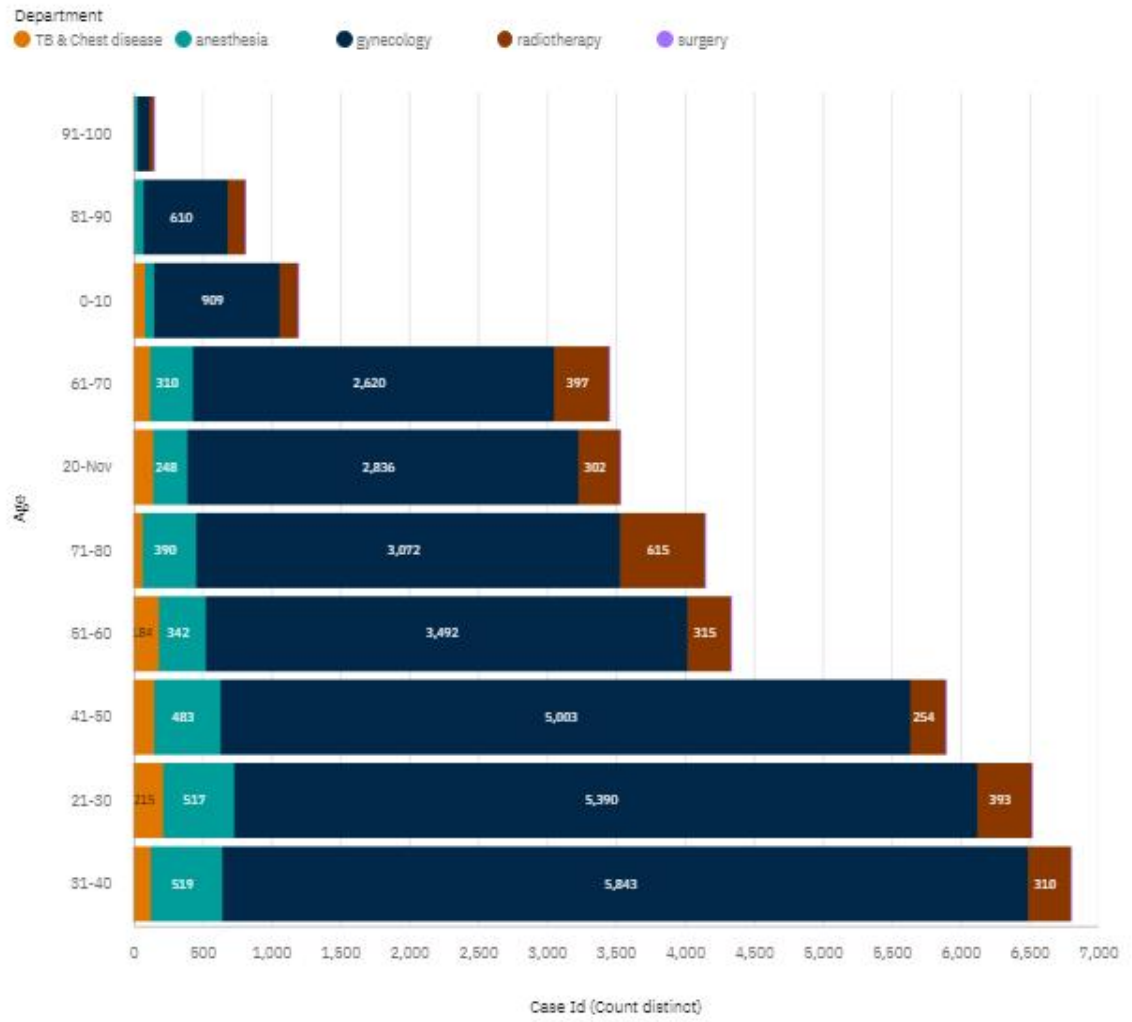
Tab 1 | Tab 2 | Tab 3 | Tab 4 | Tab 5 | FINAL | +

Case Id by Severity Of Illness



Case Id by Age colored by Department



Data on this dashboard is provided by **IBM Db2**.