

PROJECT DEVELOPMENT PHASE

SPRINT DELIVERY -3

TEAM ID :PNT2022TMID29950

BATCH NO : B10-4A6E

PROJECT : Analytics for Hospitals Health-Care Data

DATE :10 NOV 2022

ANALYTICS FOR HOSPITAL HEALTH-CARE DATA

PROJECT CONTRIBUTORS

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TEAM ID:PNT2022TMID29950

Project Development Phase

Sprint-1:

- ✓ Data Collection
- ✓ Loading of data
- ✓ Data Preparation

Sprint-3:

- ✓ Dashboard Creation

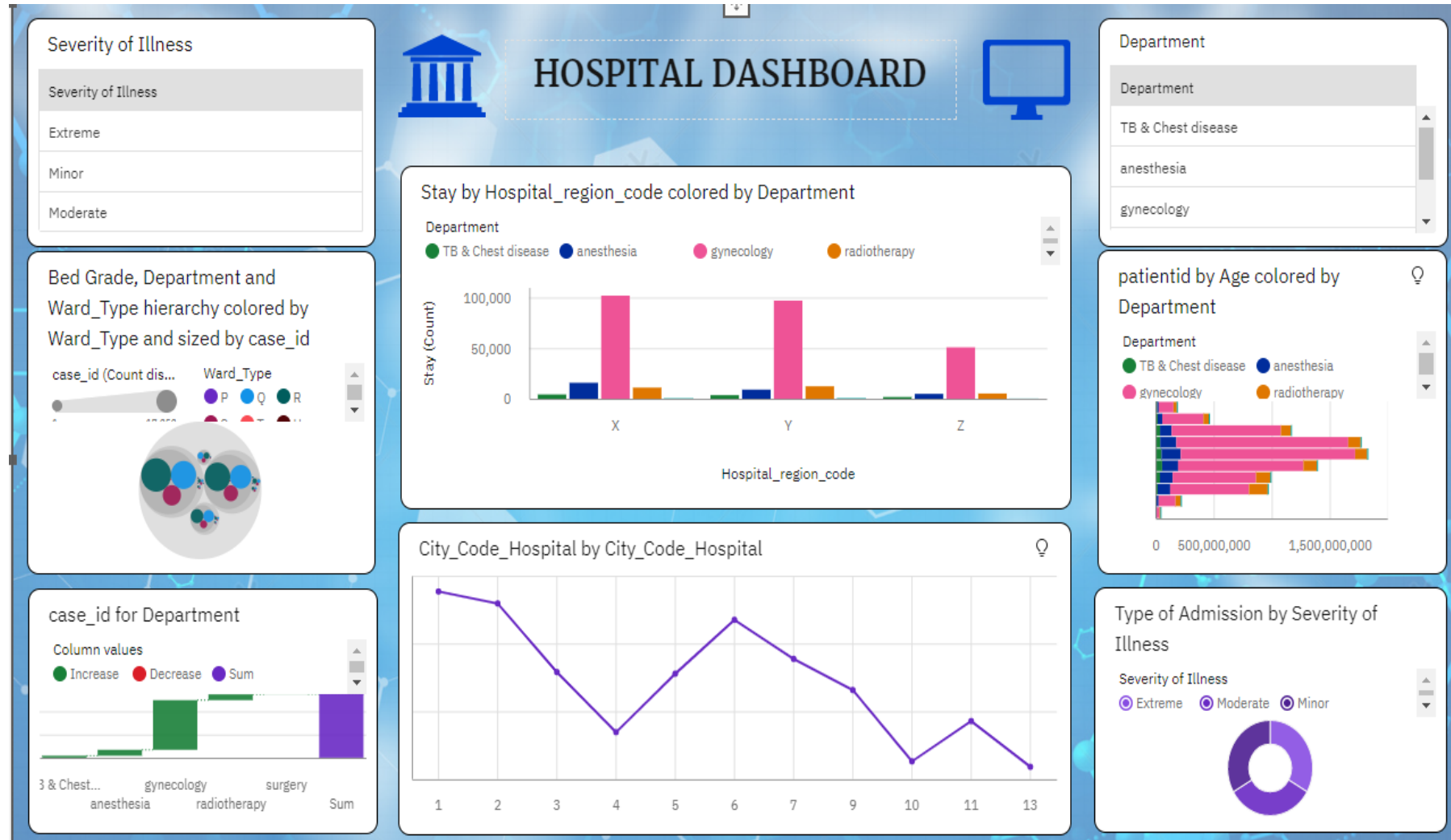
Sprint-2:

- ✓ Data Exploration
- ✓ Data Visualization

Sprint-4:

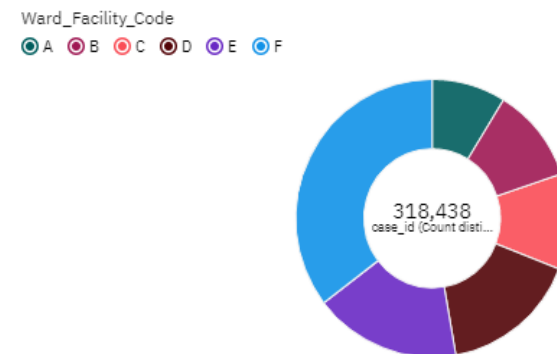
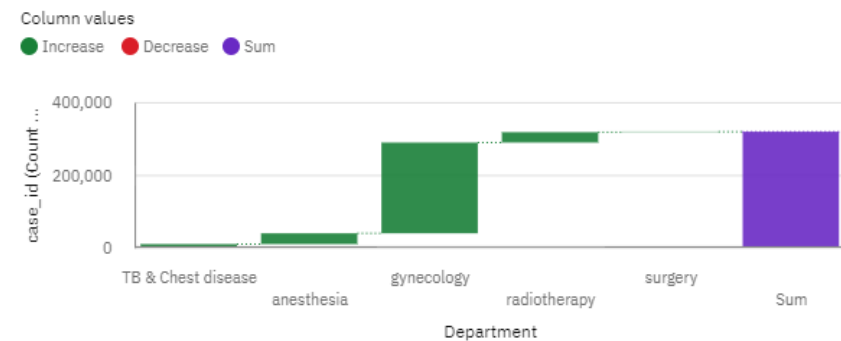
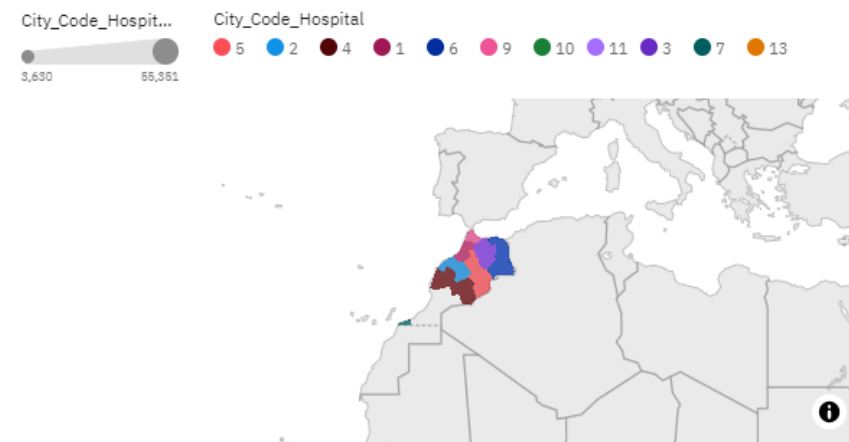
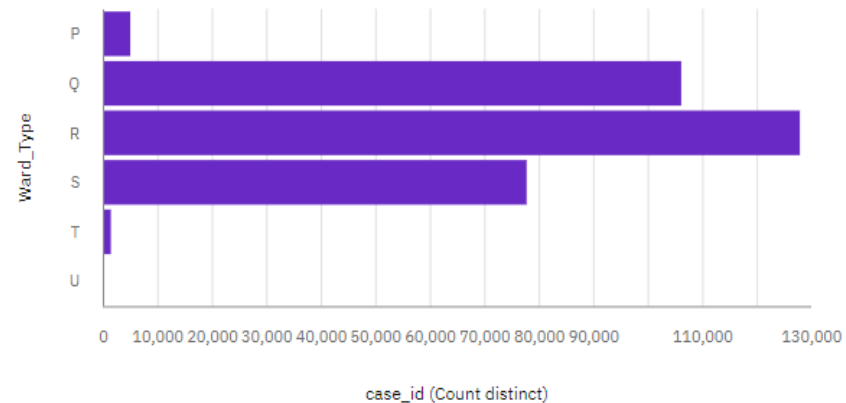
- ✓ Report Creation
- ✓ Story Creation

FINAL

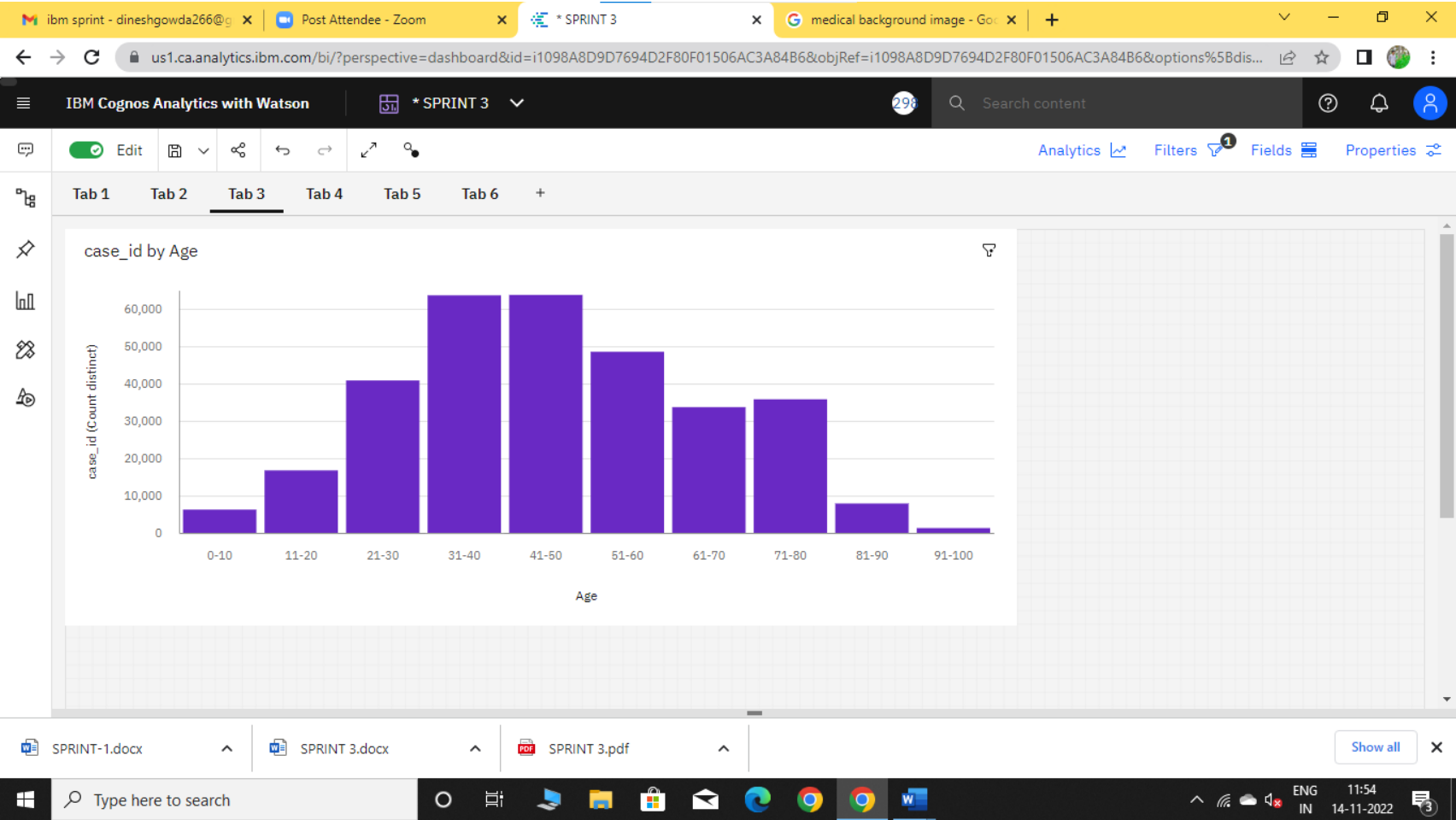


Dash board with the following visuals to present variousanalytics of Hospitals.

- 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.



Age wise Number of Patients with Department and SeverityFilters.



Dashboard with Hierarchy Bubble and Radial Visuals as follows:

- 1.Hierarchy Bubble to show case Bed Grade with Number ofCases by Department and Ward-wise.
- 2.Radial chart to show case Department wise Admission Deposit Amount.

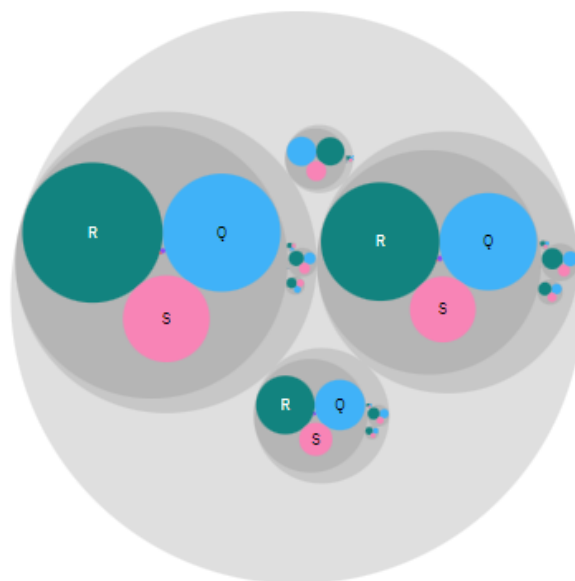
Tab 1 Tab 2 Tab 3 **Tab 4** Tab 5 Tab 6 +

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

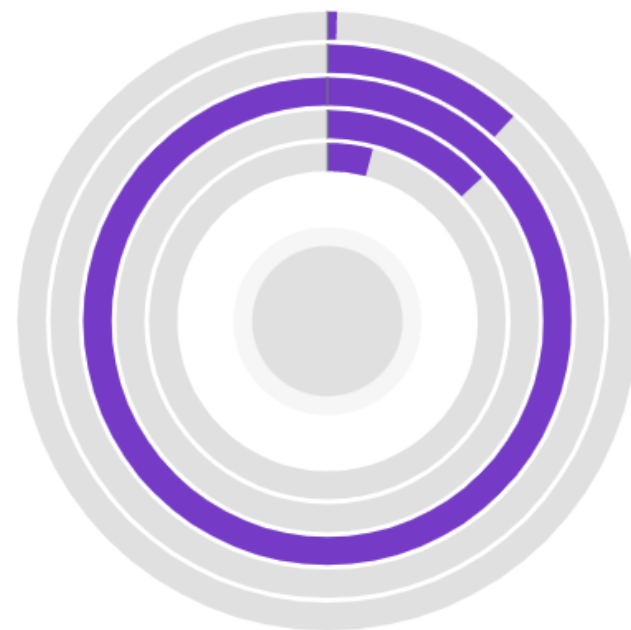
case_id (Count dis... Ward_Type

1 40,451

P Q R S T U



Admission Deposit by Department



Dashboard to show case the following analytical visuals.

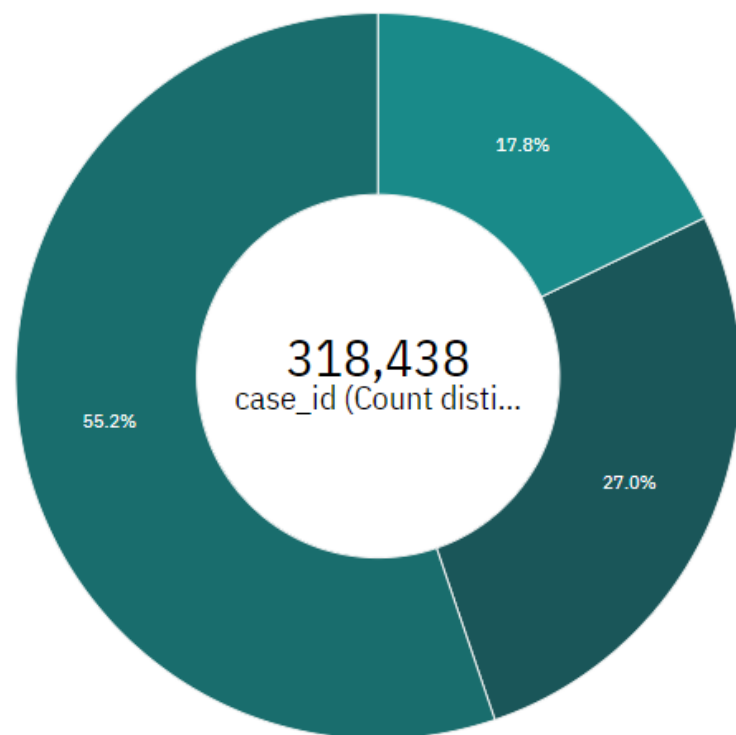
- a Pie-Chart showing Severity of illness by number of cases.
- a Stacked Bar Chart to visualize Department-wise, Age-wise number of cases.
- a Waterfall chart visualizing the Departmentwise number of Patients.

Tab 1 Tab 2 Tab 3 Tab 4 **Tab 5** Tab 6 +

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

