Project Development Phase

Project Development - Delivery of Sprint-2

Date	12 November 2022
Team ID	PNT2022TMID39445
Project Name	Project – Analytics for Hospitals' Health- Care Data

Task : Create Interactive Dashboard

Procedure to Create Dashboard

Step1: Login **IBM Cognos**

Step2: Click **Present Data** and Choose **Dashboard**
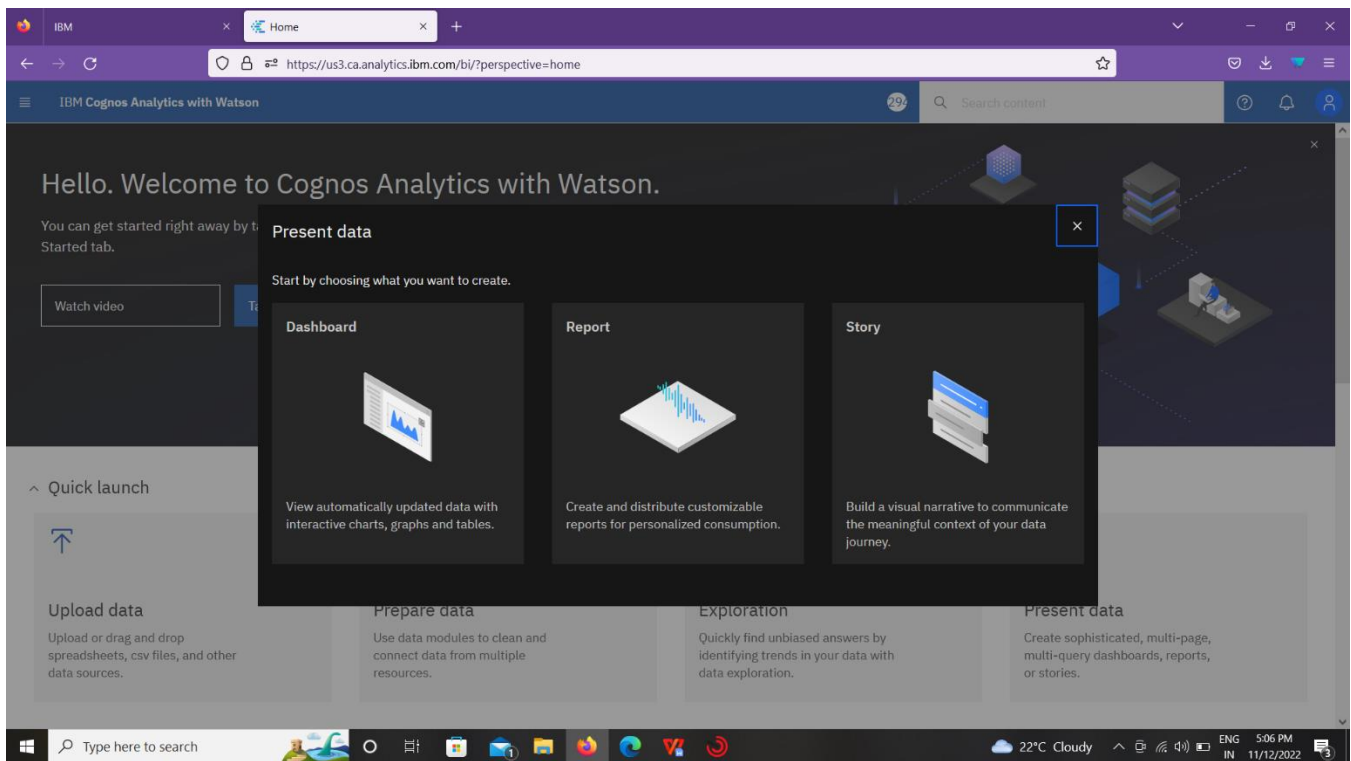
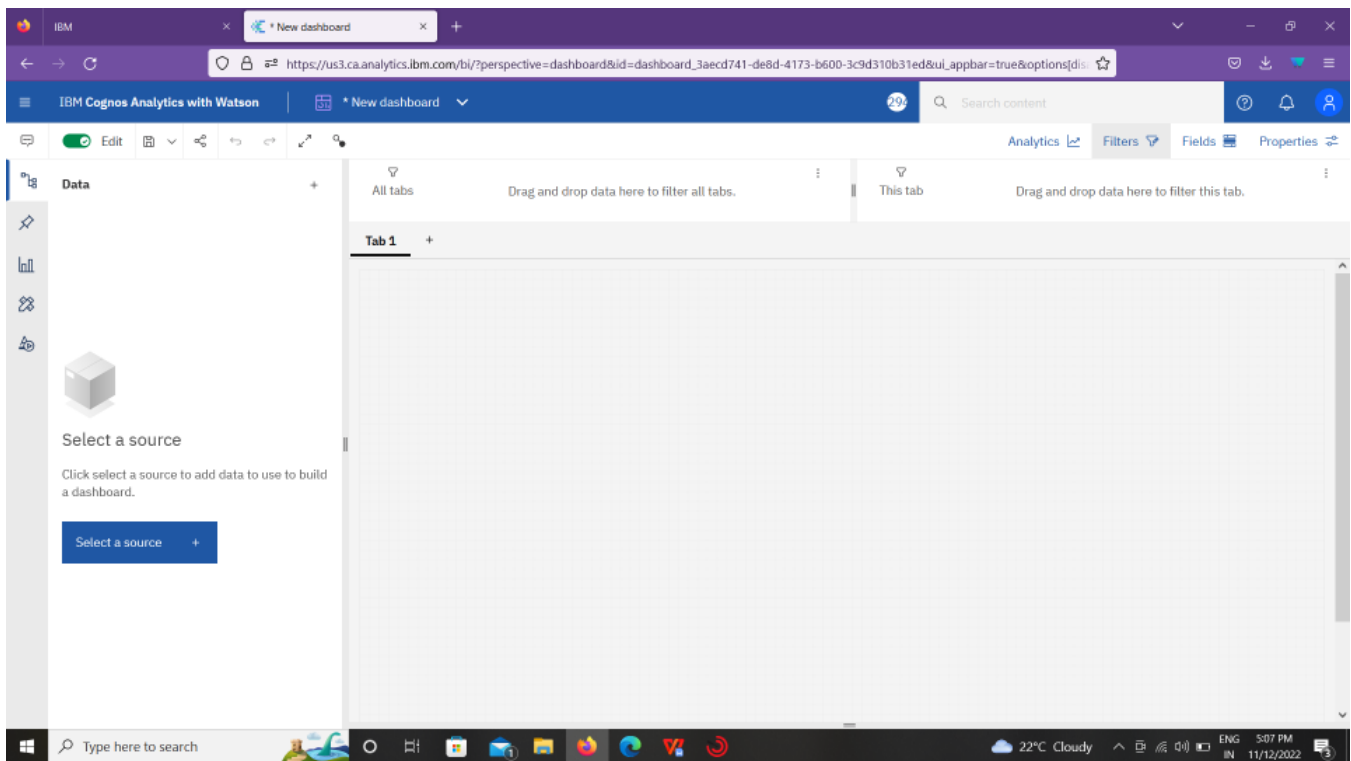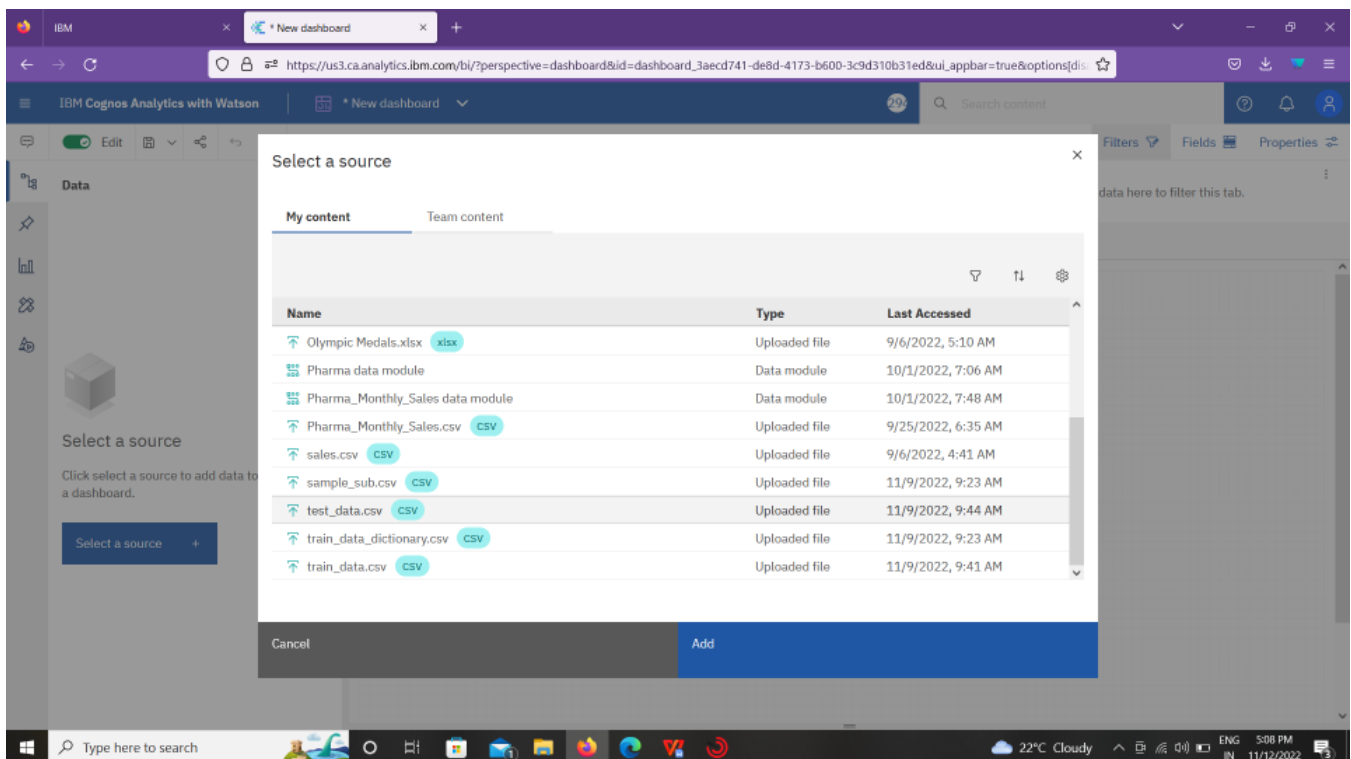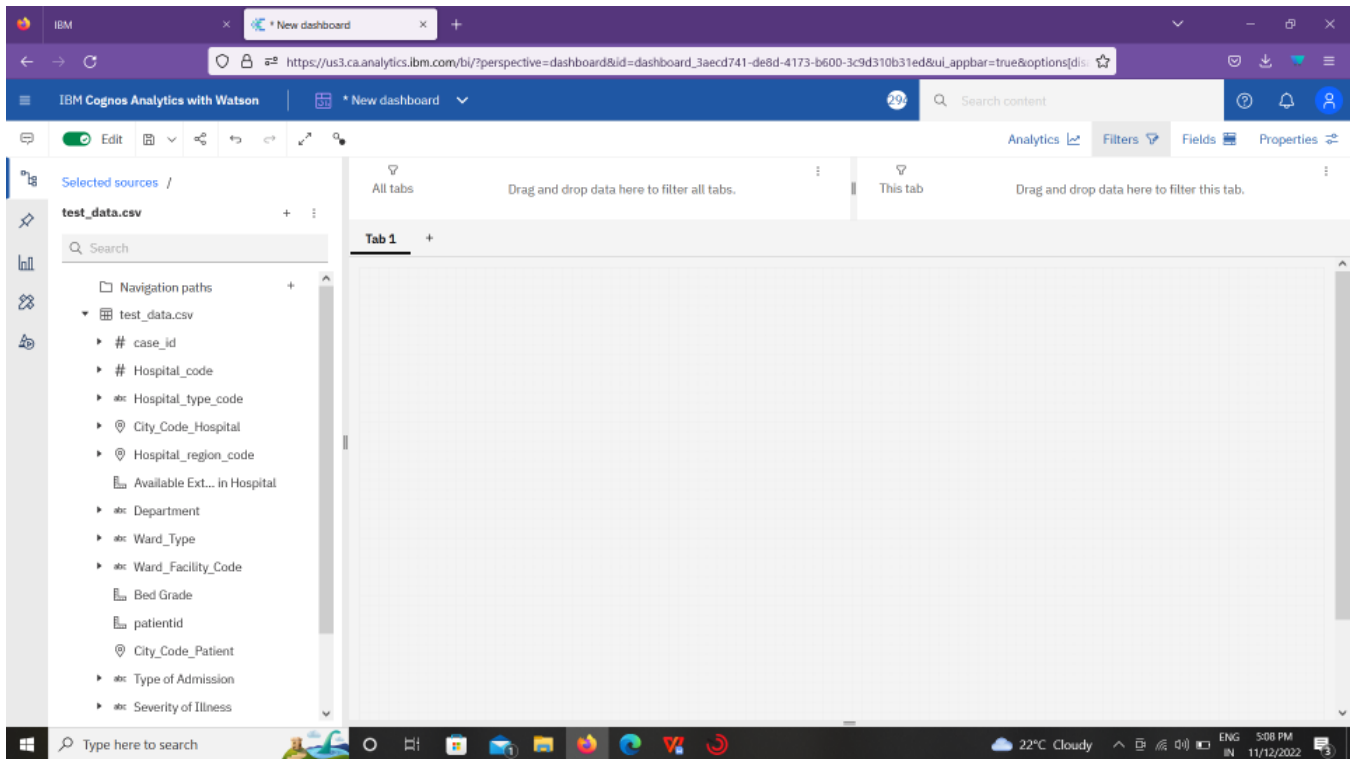**Step3**: Choose your desired **Template** (Tab) and Create the **Dashboard**
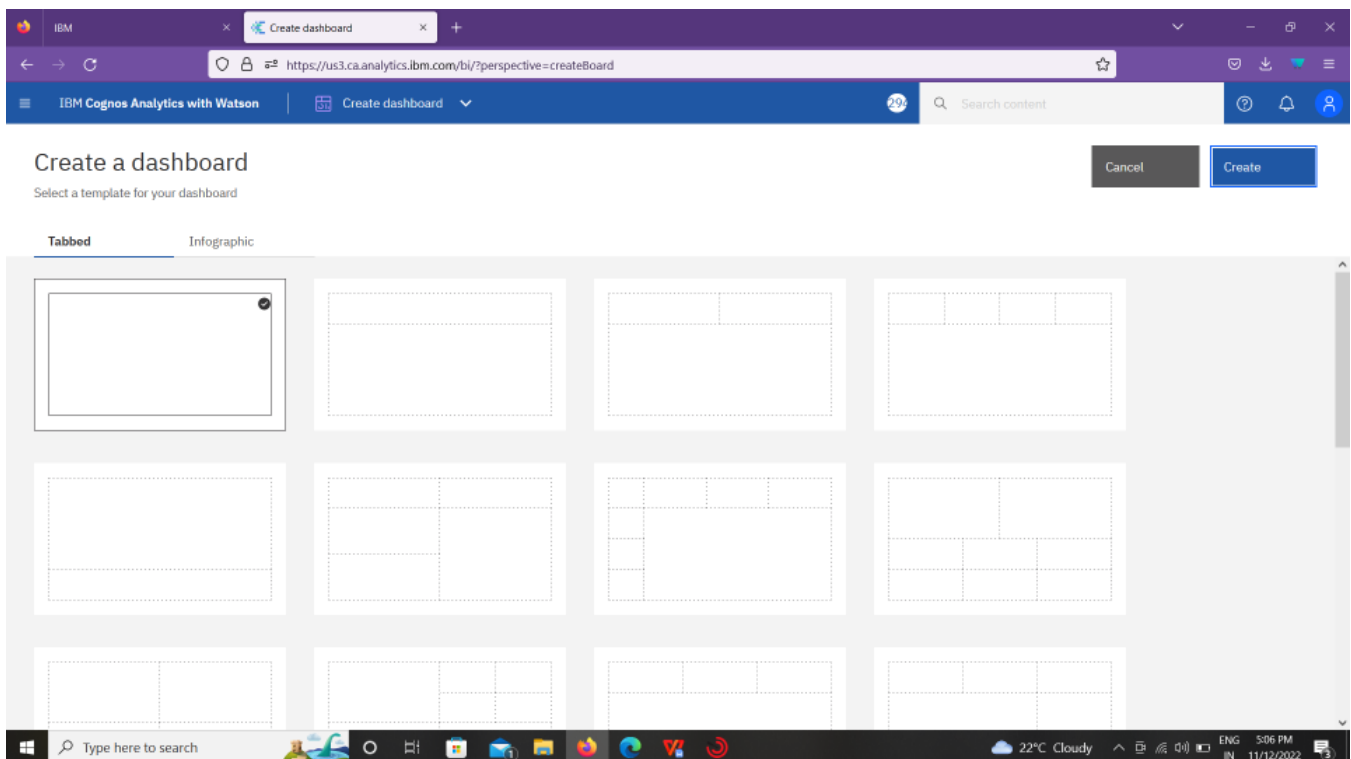
Step4: A New Dashboard Tab opens, then **Select a Source**

Step5: Select and **Add a Source** (Test_Data.csv)

Step6: Create a new Dashboard by adding multiple **Visualizations**

Interactive Dashboard

1. Number of Patients by Ward Types

To build a dashboard with the following visual to present various analytics of Hospitals.

-Number of Patients by Ward Types

Department	Ward_Type	Type of Admission	Severity of Illness
5	6	3	3

Patientid by Ward_Type colored by Ward_Type

## 2. Dashboard to show number of Patients

To build a dashboard with the following visuals to present various analytics of Hospitals.

- a Bar Chart to show case number of Cases based on Ward Type
- a Geo Map to show case number of cases based on City, Hospital and Region
- a Column Chart to show case Number of Cases by each Department
- a Pie-Chart show case the Number of Cases by Ward Facility type
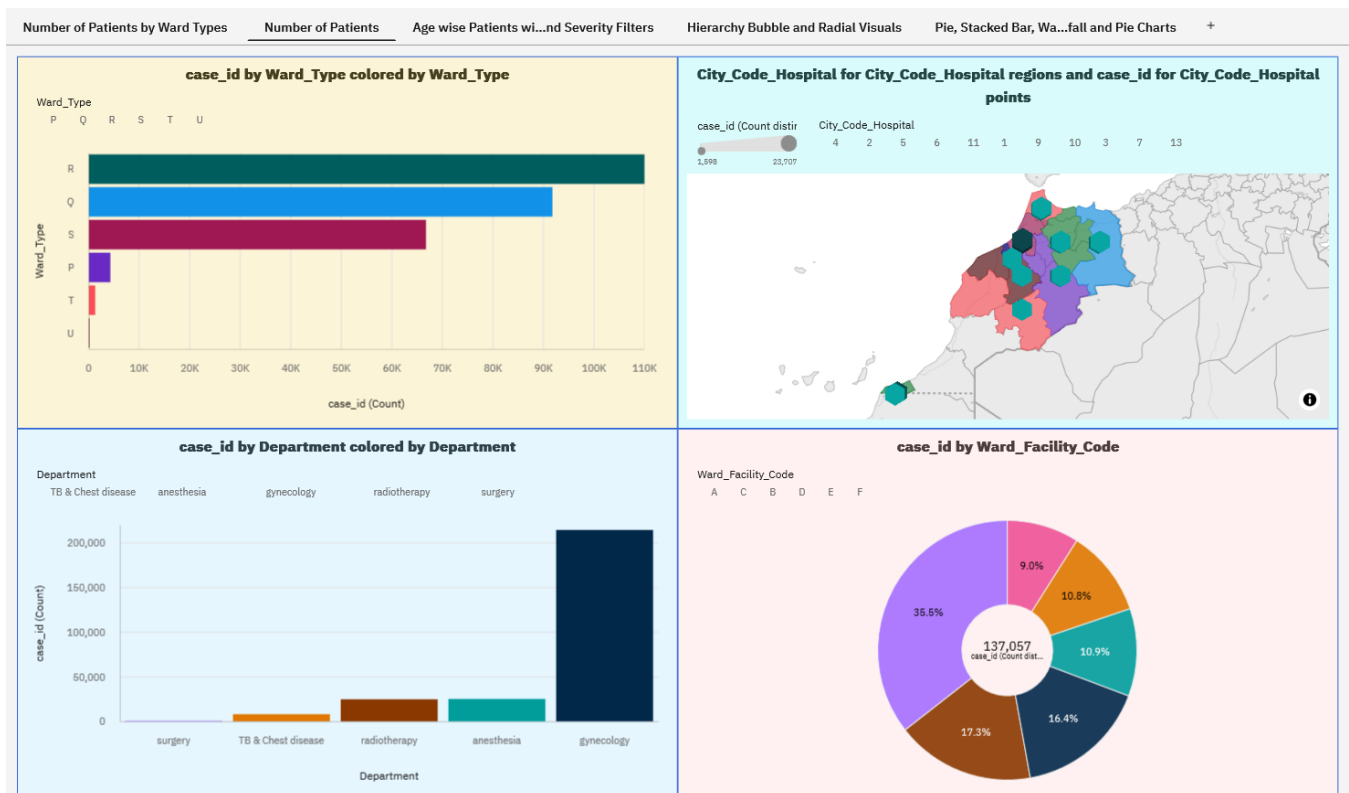
## 3. Age wise Patients with Department and Severity Filters

Build a column visual to show case Age wise Number of Patients with Department and Severity Filters.
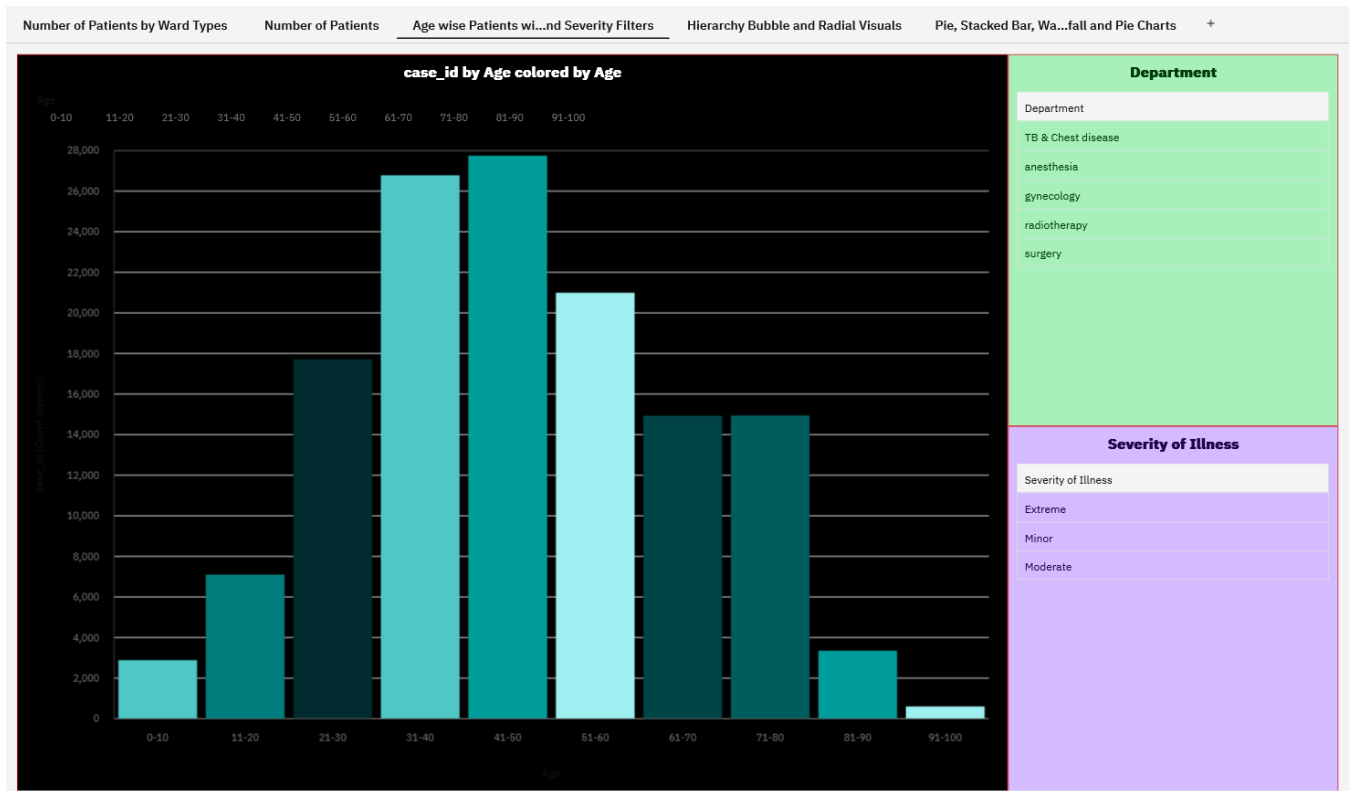
4. Dashboard with Hierarchy Bubble and Radial Visuals

Create a Dashboard with Hierarchy Bubble and Radial Visuals as follows:

-Hierarchy Bubble to show case Bed Grade with Number of Cases by Department and Ward-wise.
-Radial chart to show case Department wise Admission Deposit Amount
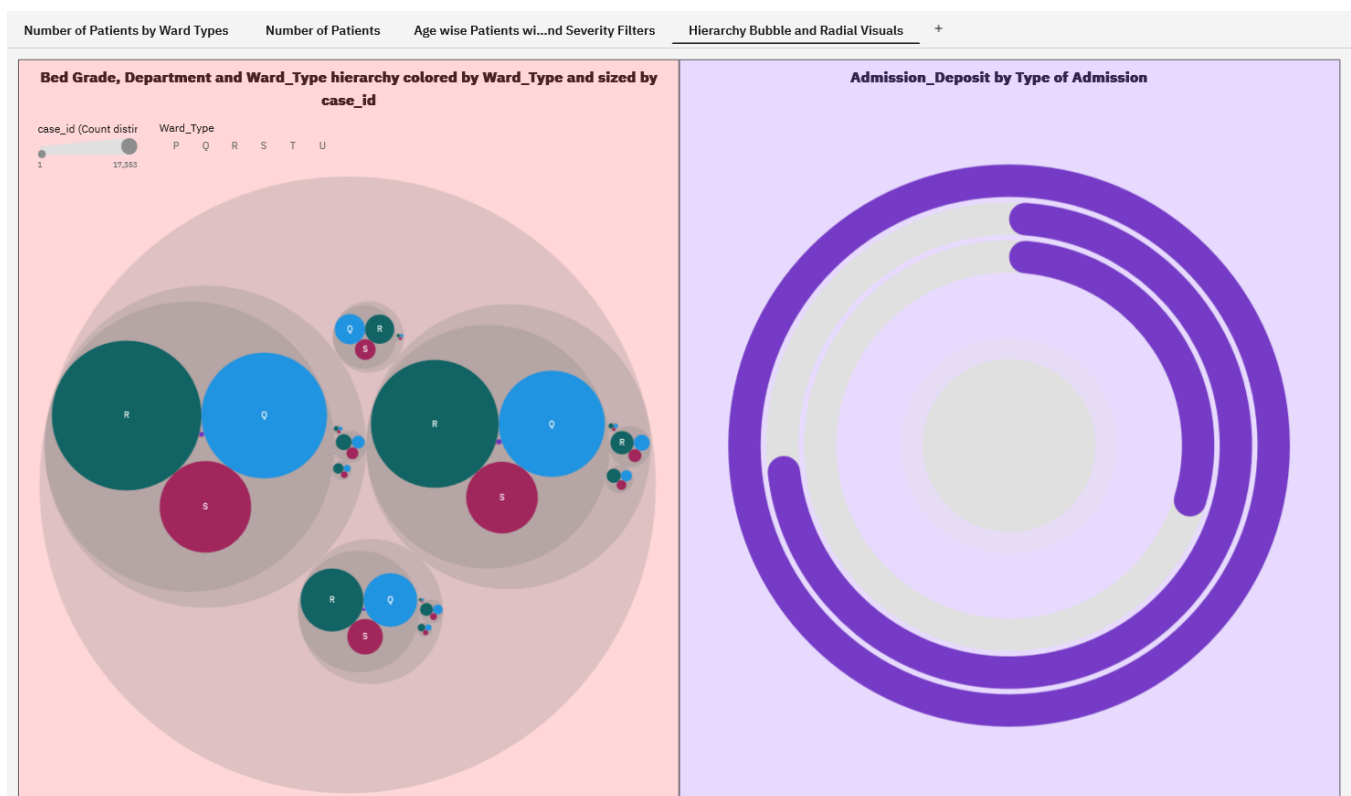
5. Dashboard showing Pie, Stacked Bar, Waterfall and Pie Charts

Build a 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.
 - a Pie-Chart showing the Availability of Extra rooms with Analytics.