

Data Visualizations

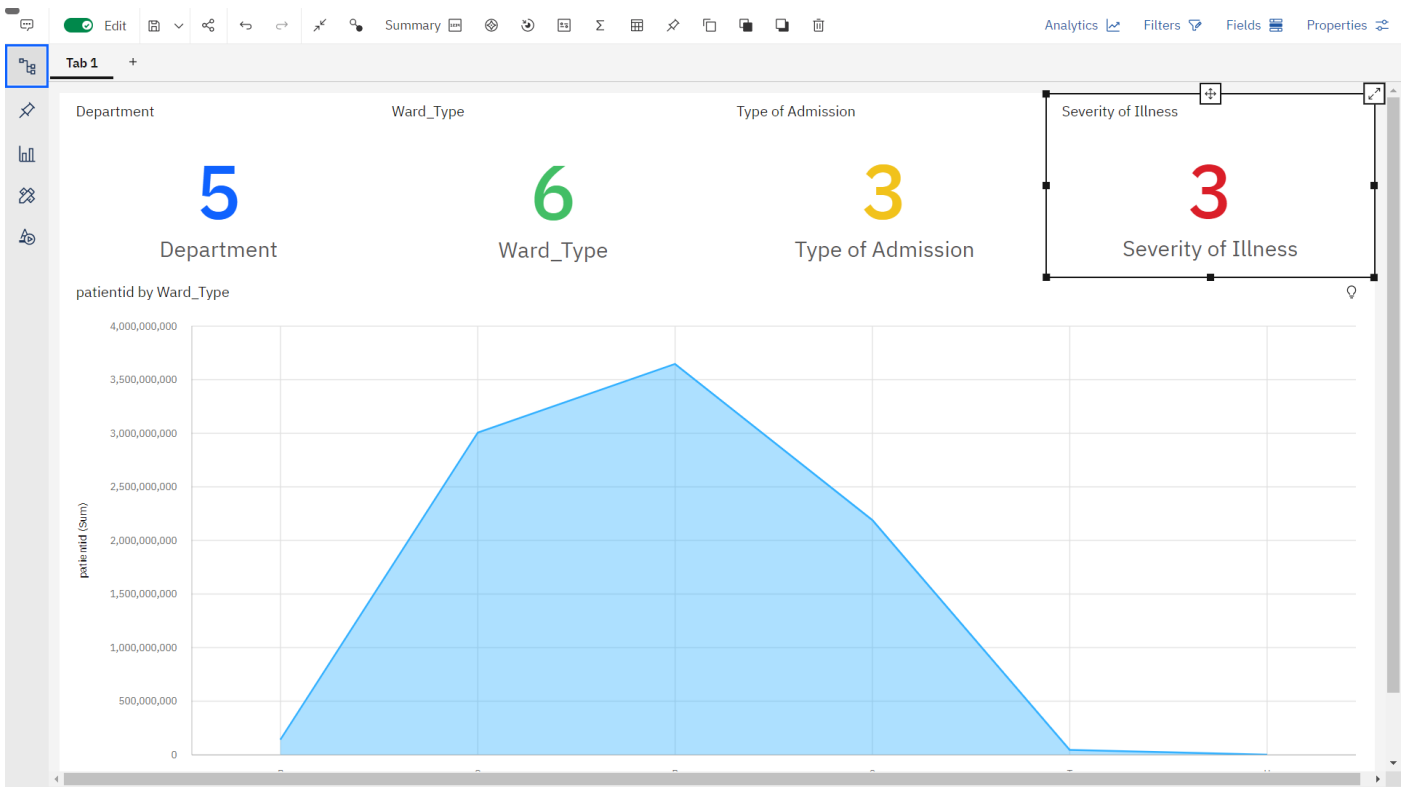
Date	20 October 2022
Team ID	PNT2022TMID54247
Project Name	Analytics For Hospital Health Data.
Team Members	Jagadeesh R(TL), Karthik K(TM-1), Hariharan C(TM-2), Deepak Raj S(TM-3).

Using the given dataset, we plan to create various graphs and charts to highlight the insights and visualizations.

✓ Build the following visualizations:

Number Of Patients By Ward Types

Number of Patients by Ward Types



VISUALIZATION LINK:

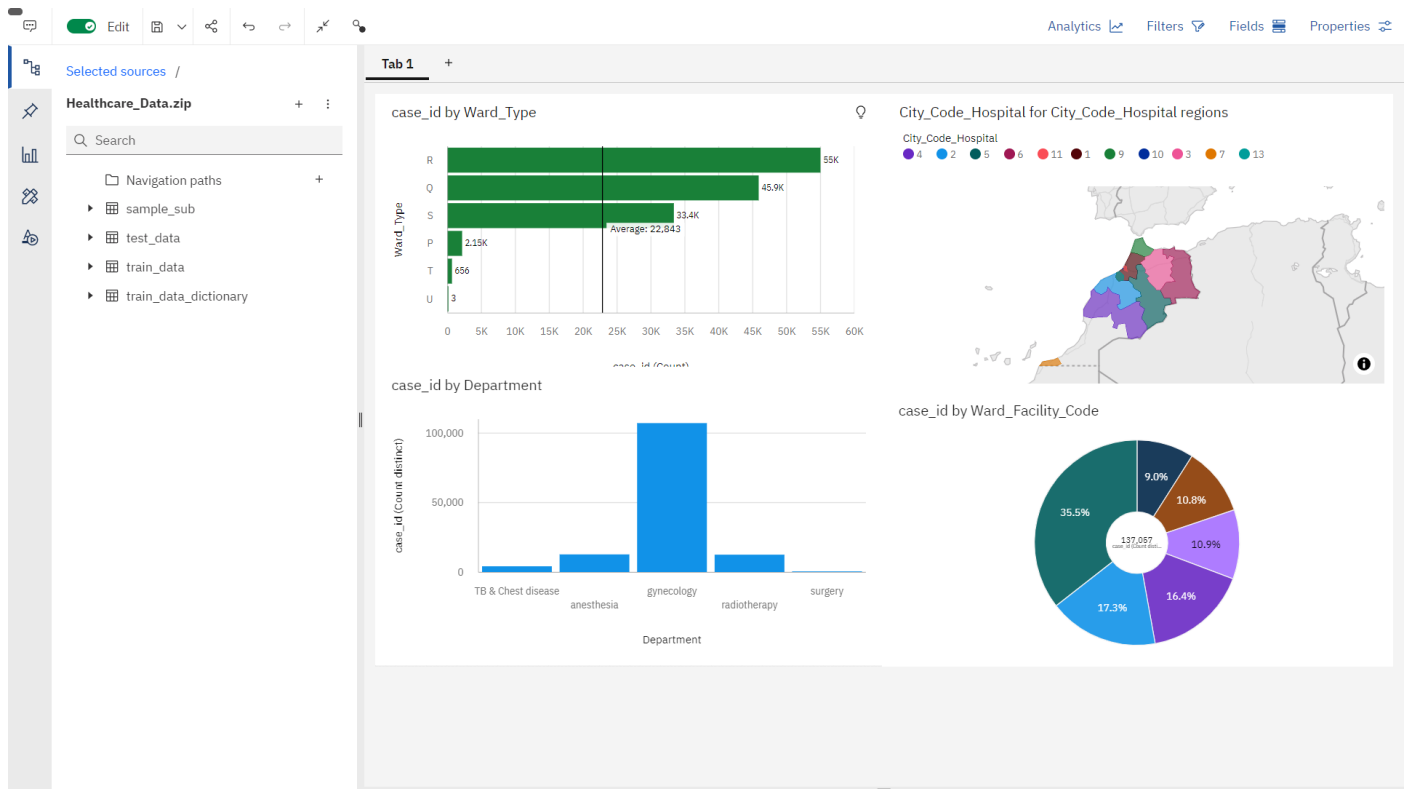
https://us3.ca.analytics.ibm.com/bi/?perspective=dashboard&pathRef=.my_folders%2FNUMBER_OF_PATIENTS_BY_WARD_TYPES&action=view&mode=dashboard

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Dashboard To Show Number Of Patients

Build a dash board 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.



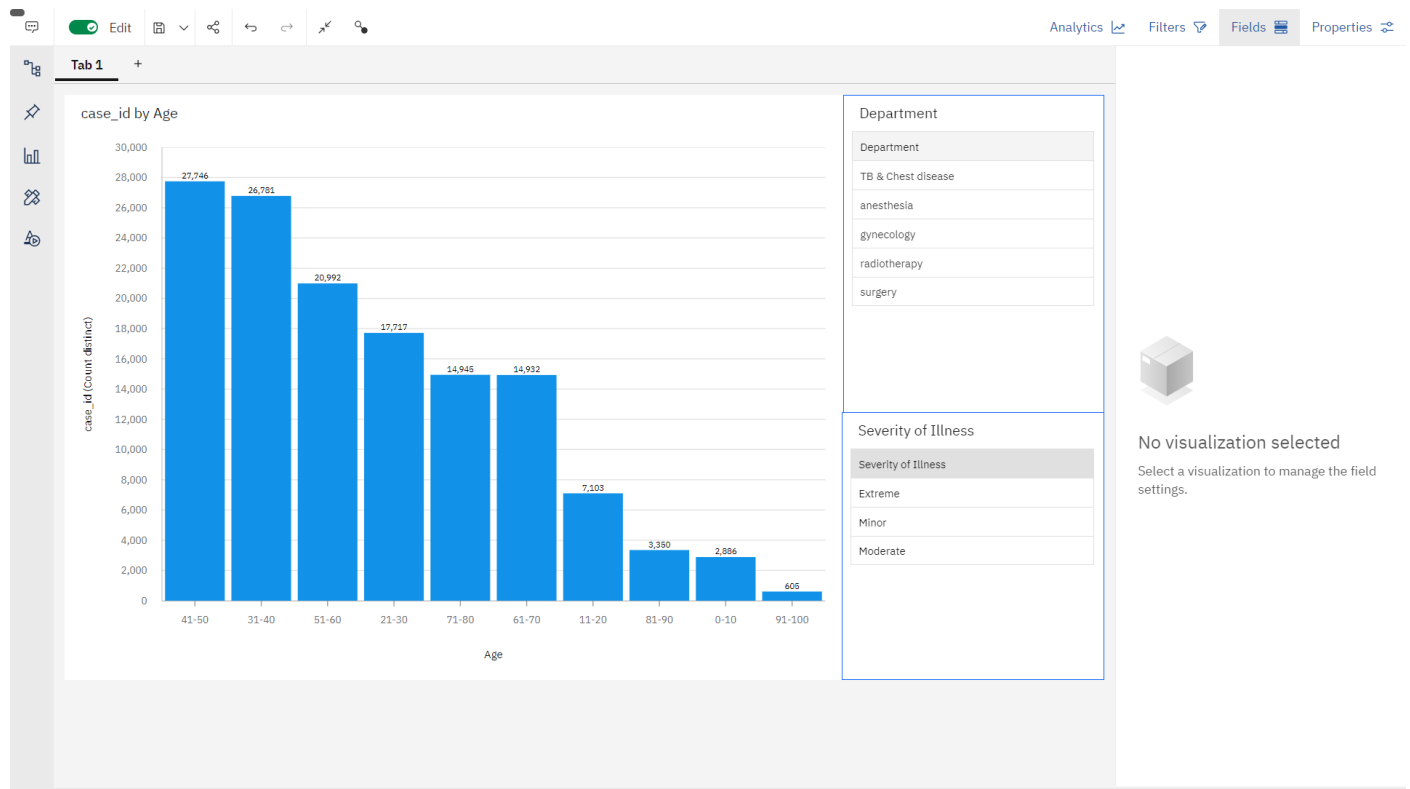
VISUALIZATION LINK:

https://us3.ca.analytics.ibm.com/bi/?perspective=dashboard&pathRef=.my_folders%2FDashboard_to_Show_no.of_Patients&action=view&mode=dashboard

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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.



VISUALIZATION LINK:

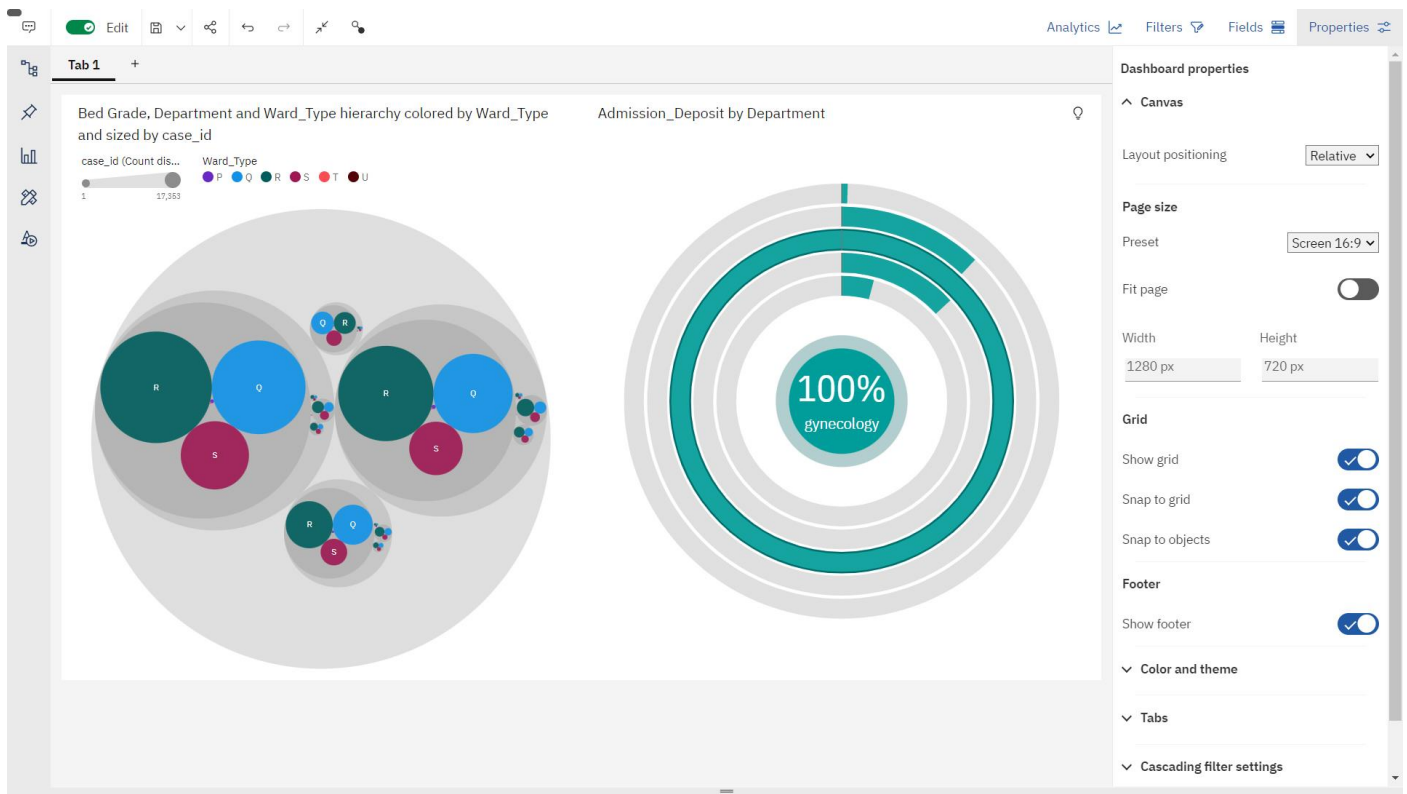
https://us3.ca.analytics.ibm.com/bi/?perspective=dashboard&pathRef=.my_folders%2FAGE_WISE_PATIENTS_WITH_DEP%2526SEVERITY&action=view&mode=dashboard

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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.



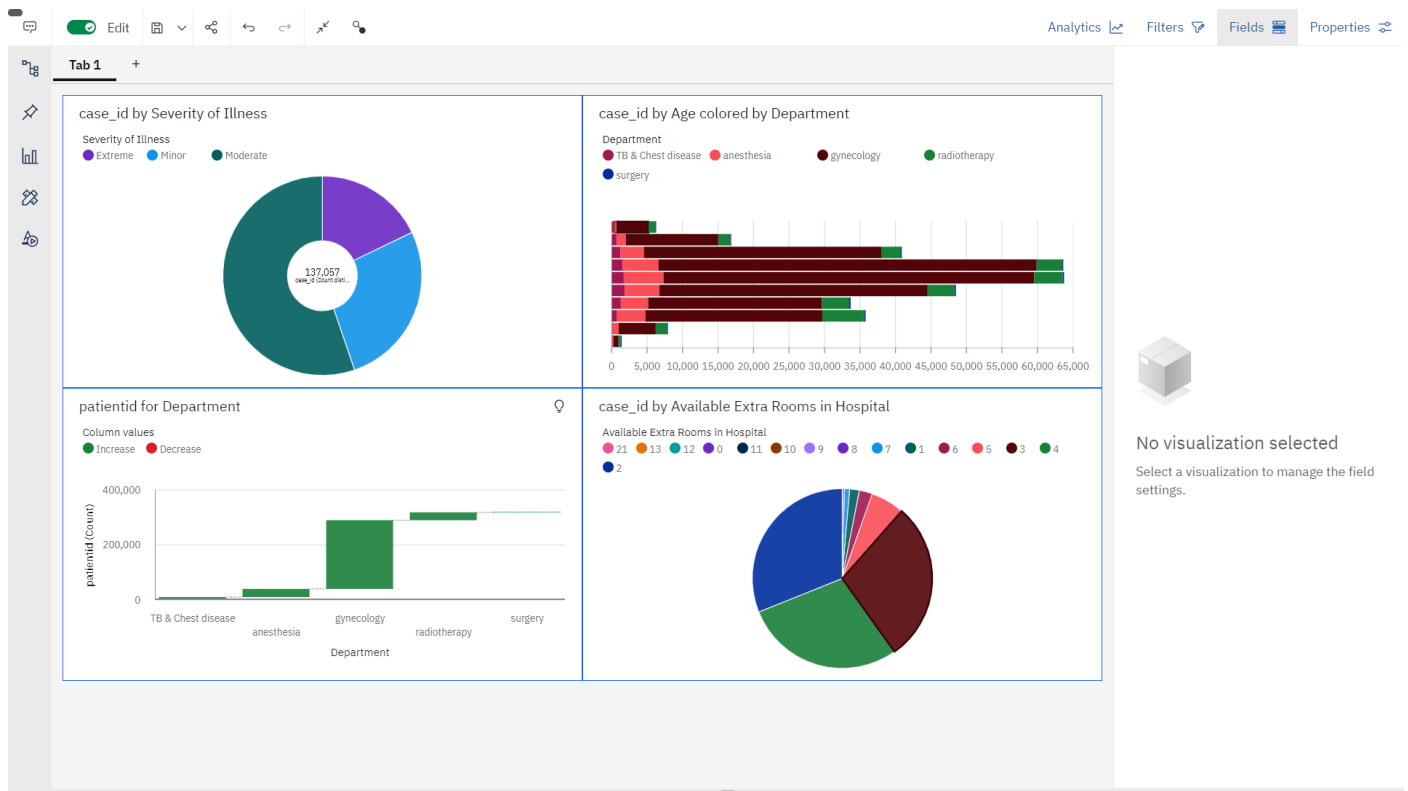
VISUALIZATION LINK:

https://us3.ca.analytics.ibm.com/bi/?perspective=dashboard&pathRef=.my_folders%2FDashboard%2Bwith%2BHierarchy%2BBubble%2526%2BRadial%2BVisuals&action=view&mode=dashboard

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.



VISUALIZATION LINK:

https://us3.ca.analytics.ibm.com/bi/?perspective=dashboard&pathRef=.my_folders%2FDB_Pie_StackedBar_WaterfaII%2526PieCharts&action=view&mode=dashboard

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