Project Development Phase

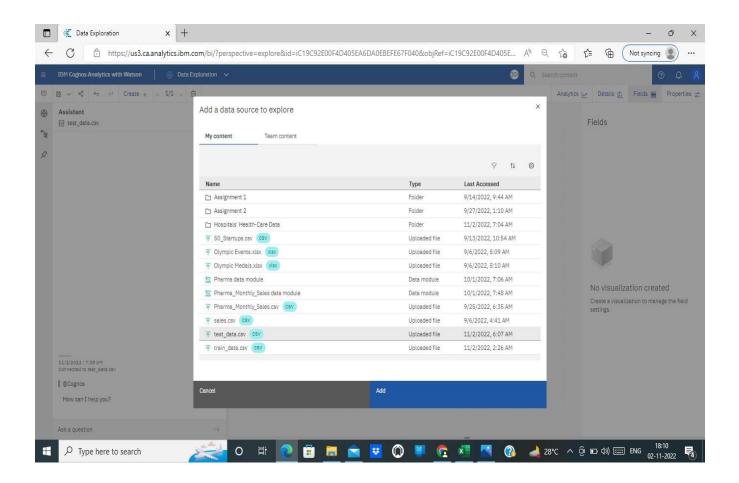
Project Development - Delivery of Sprint-1

Date	23 November 2022
Team ID	PNT2022TMID25280
Project Name	Project – Analytics for Hospitals' Health- Care Data

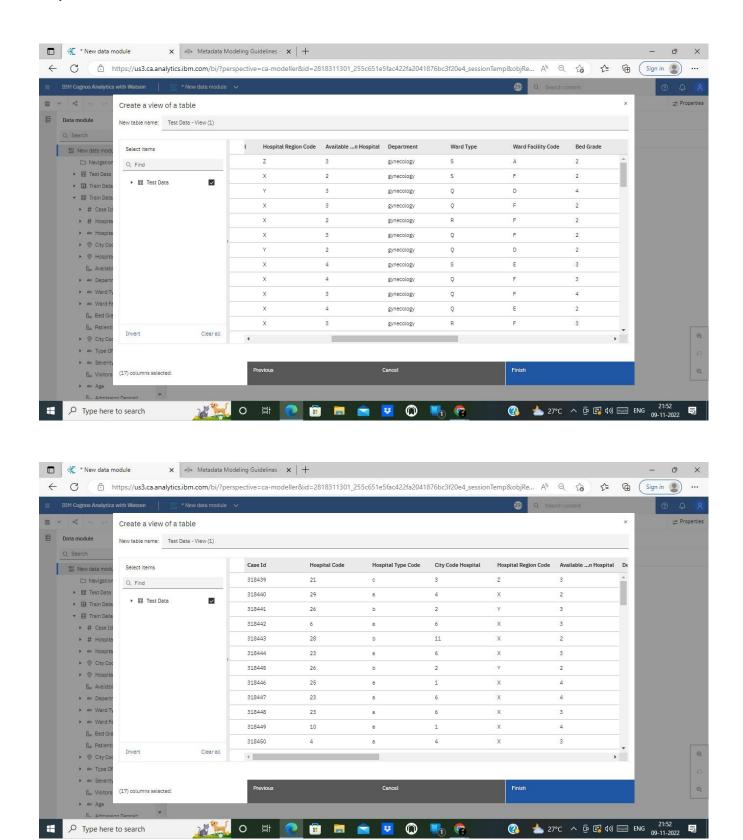
Task 3: Data Preparation (Data Module) and Exploratory Data Analysis

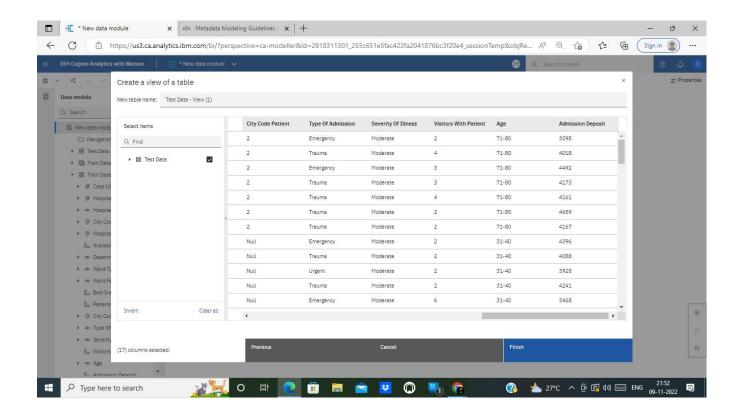
Data Preparation

Step 1: Adding Data Source

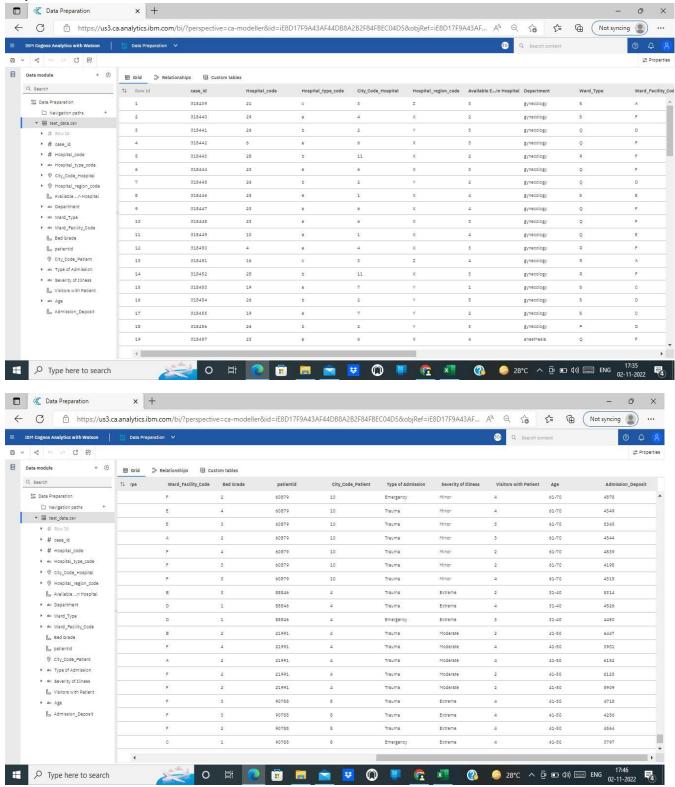


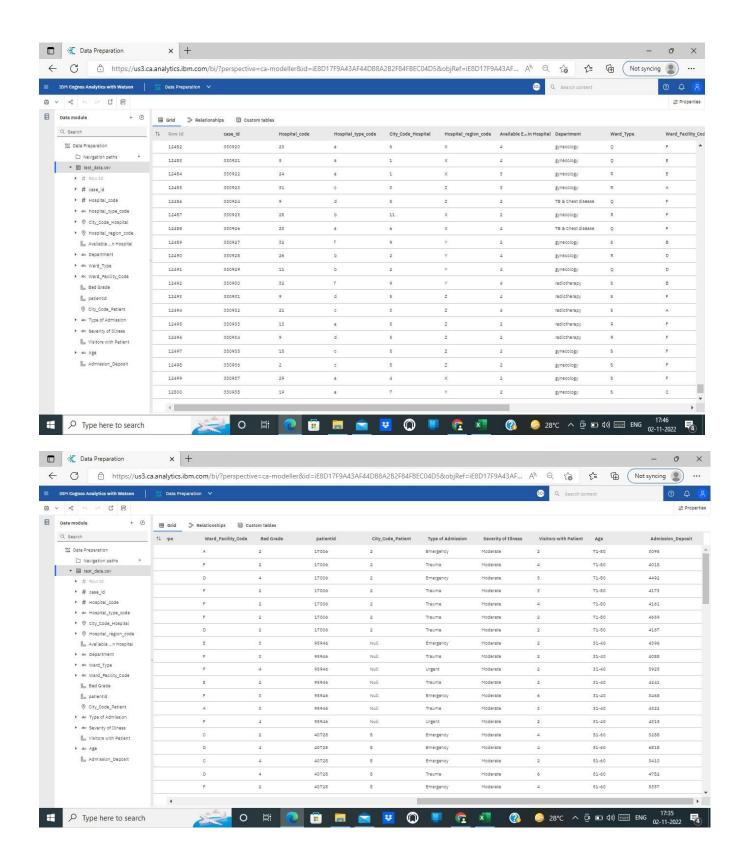
Step 2: Create a View of Table





Step 3: Created new Data Module

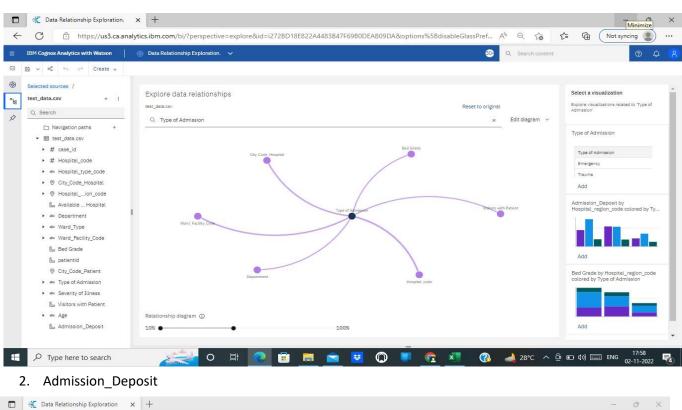


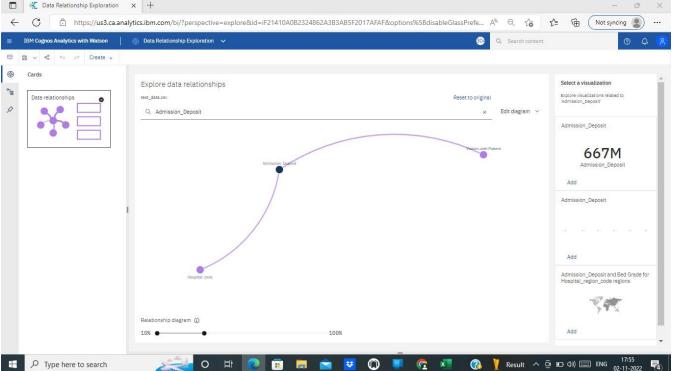


Data Relationship Exploration

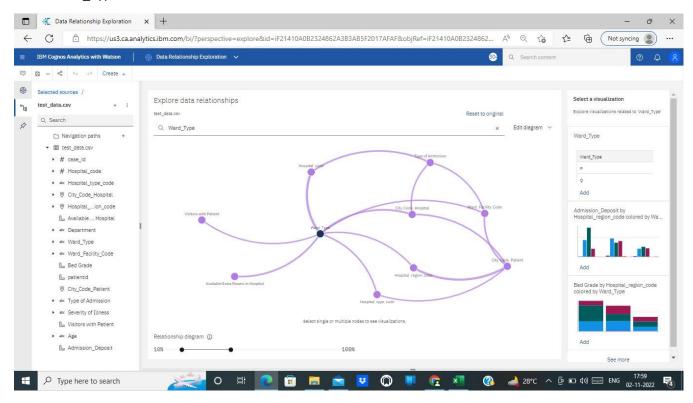
Step 4: Explore Data Relationship

1. Type of Admission

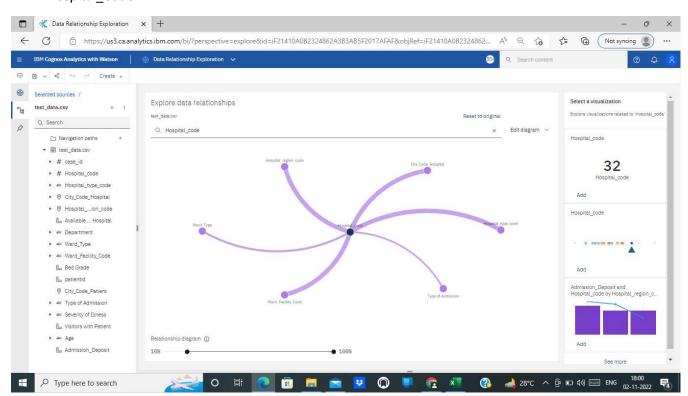


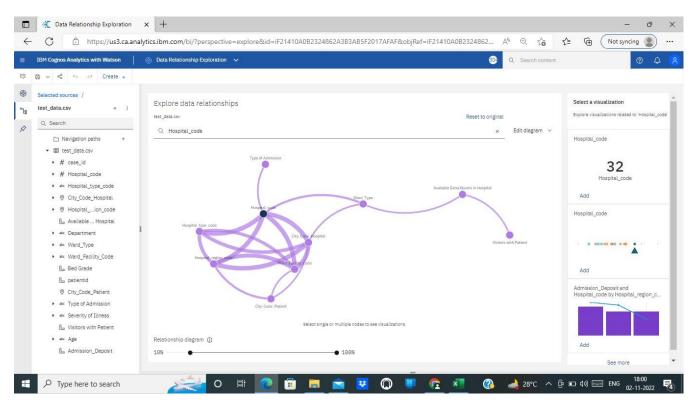


3. Ward_Type

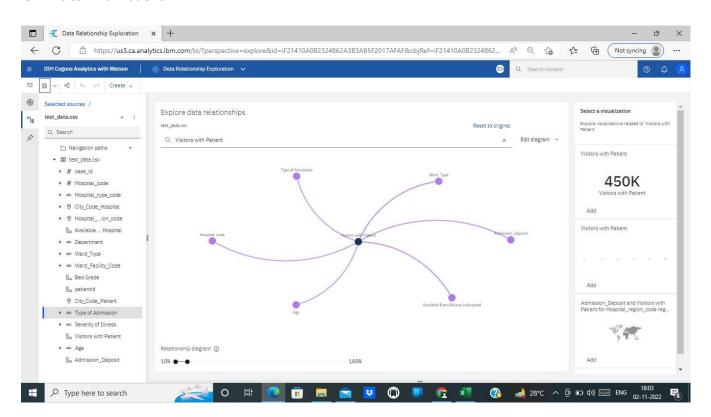


4. Hospital_Code

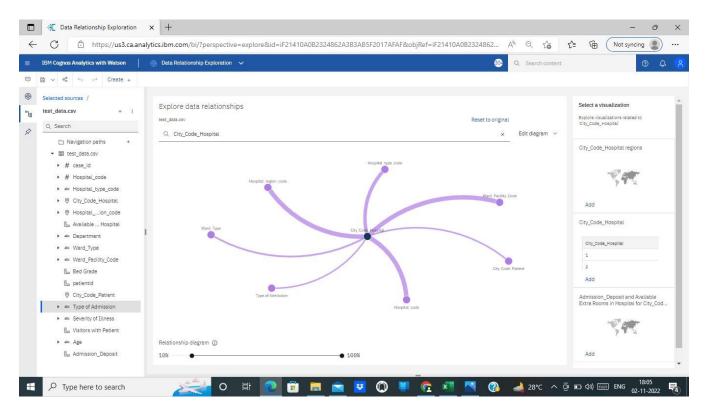




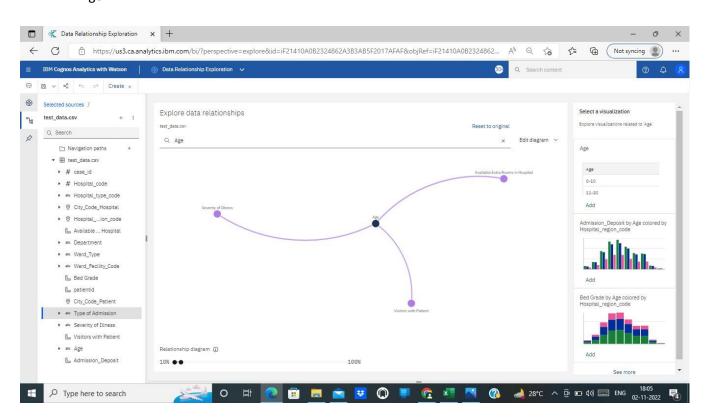
5. Visitor with Patient



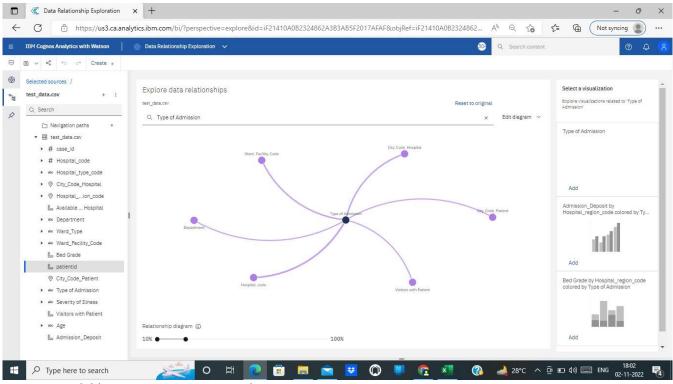
6. City_Code_Hospital



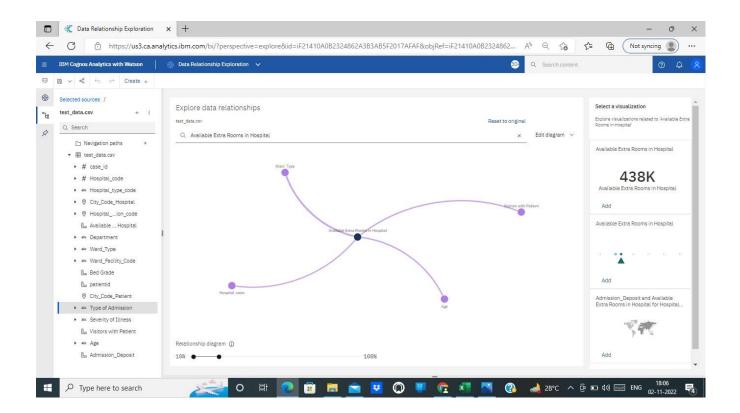
7. Age



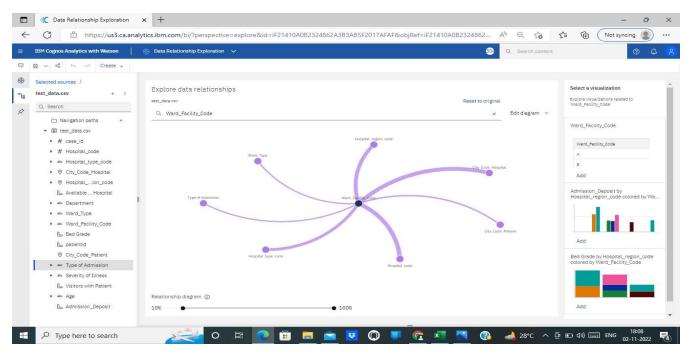
8. Type of Admission



9. Available Extra Rooms in Hospital



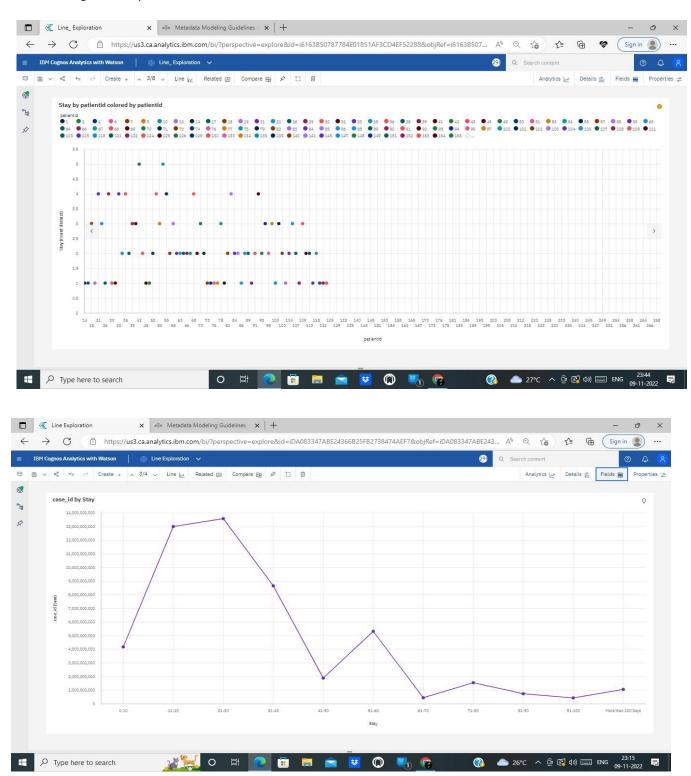
10. Ward_Facility_Code



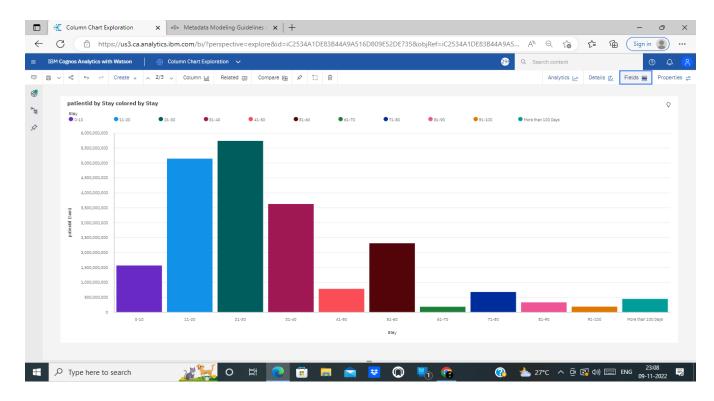
Exploratory Dara Analysis

Step 5: Data Exploration

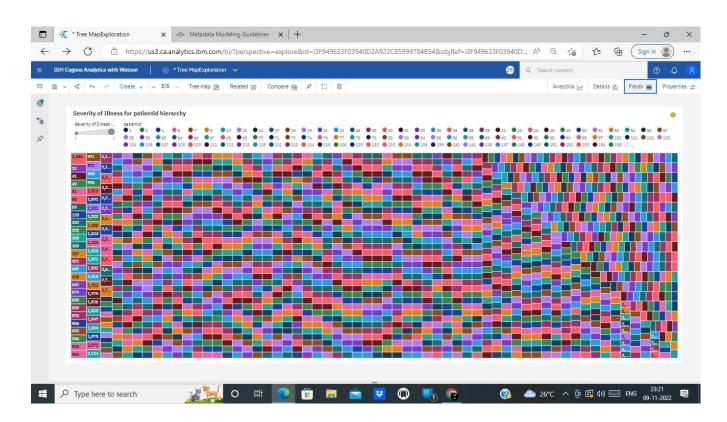
1. Length of Stay for Each case of Patient



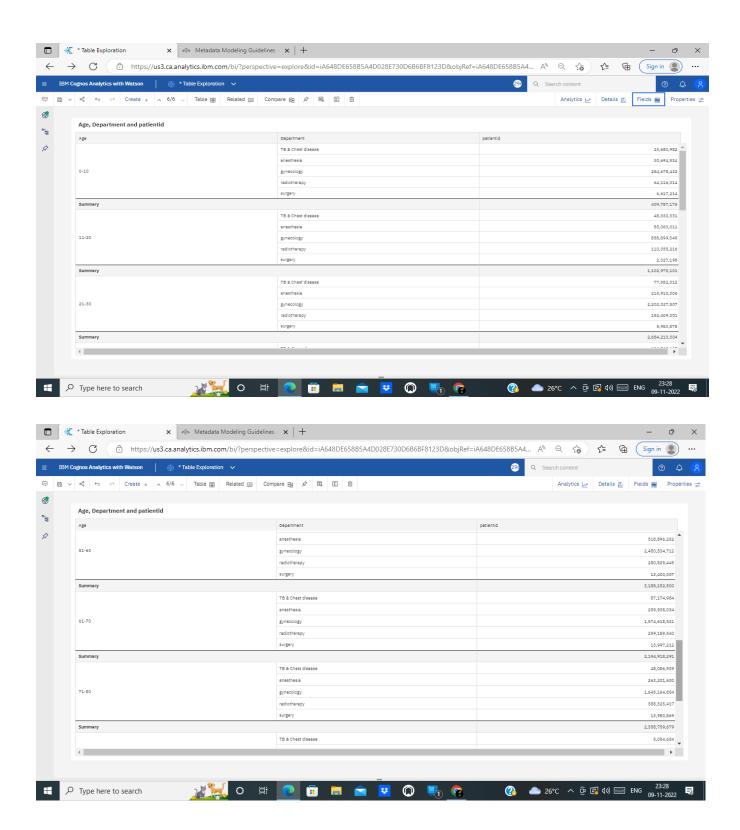
2. Stay of Patient ID using Column Chart

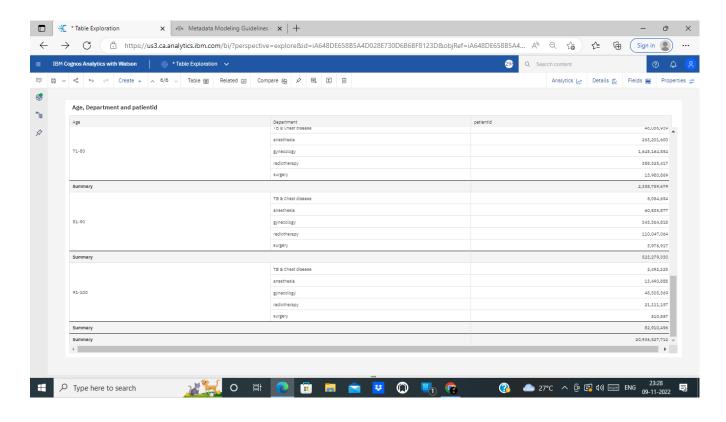


3. Severity of Illness by Patient ID using Tree Map

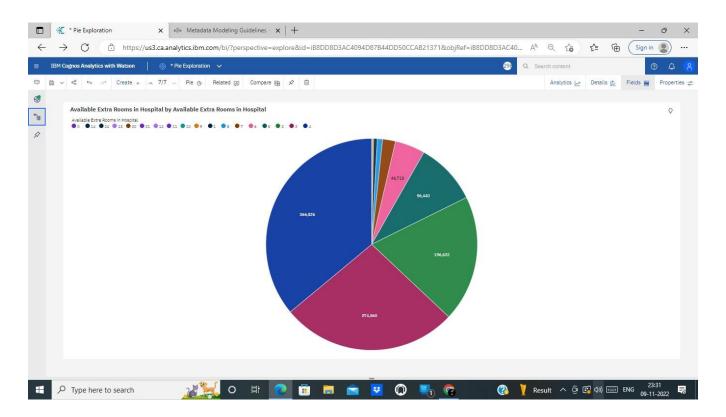


4. Age, Department wise Patient using Table

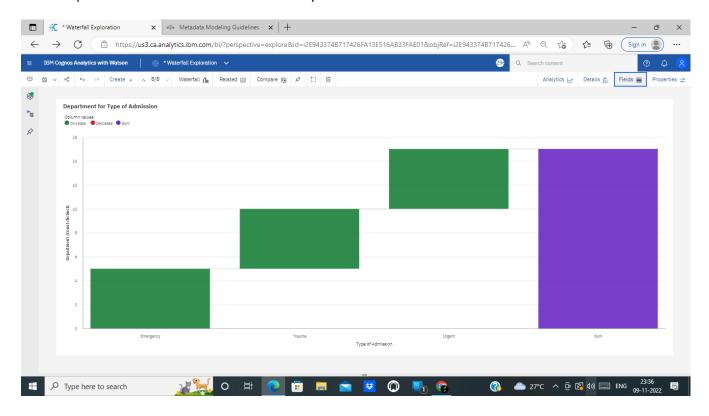




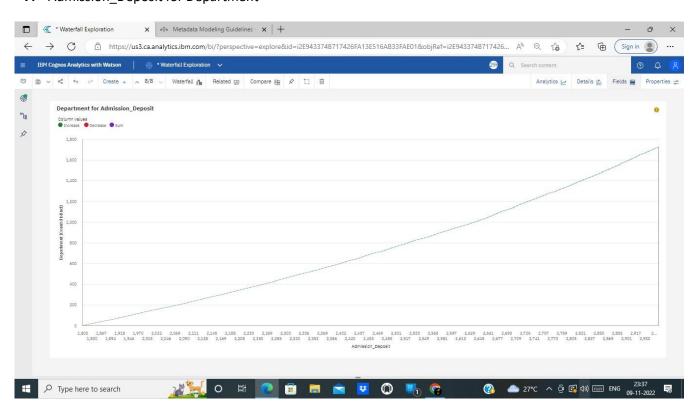
5. Room Availability by Pie Chart



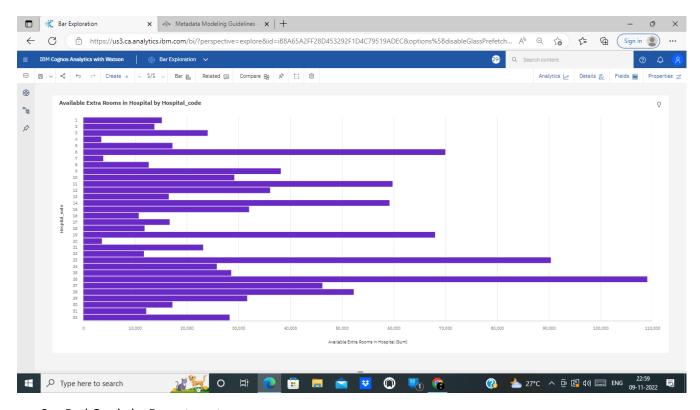
6. Department wise number of Admissions by Waterfall Chart



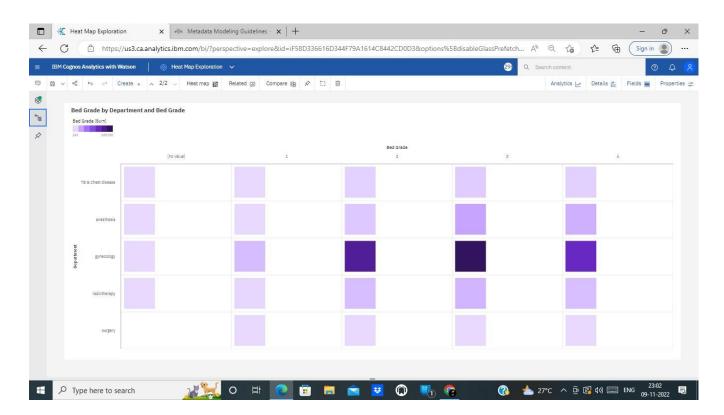
7. Admission_Deposit for Department



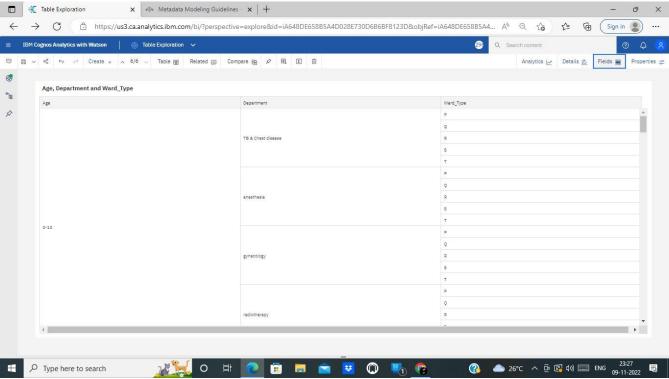
8. Available Extra Rooms in Hospital



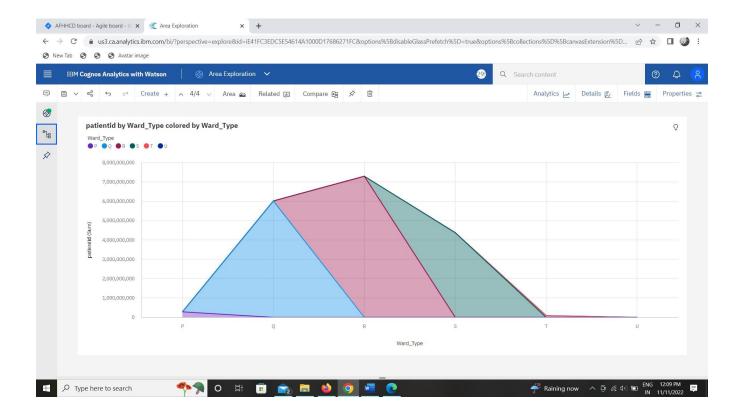
9. Bed Grade by Department



10. Age, Department and ward_Type



11. Number of Patient by Ward_Types



12. Age wise Patients with Department and Severity Filter

