Project Development Phase

Delivery of Sprint-1

Date	10 NOV 2022
Team ID	PNT2022TMID04319
Project Name	Analytics for Hospital's Health-care Data

DATASET

Data Collection:

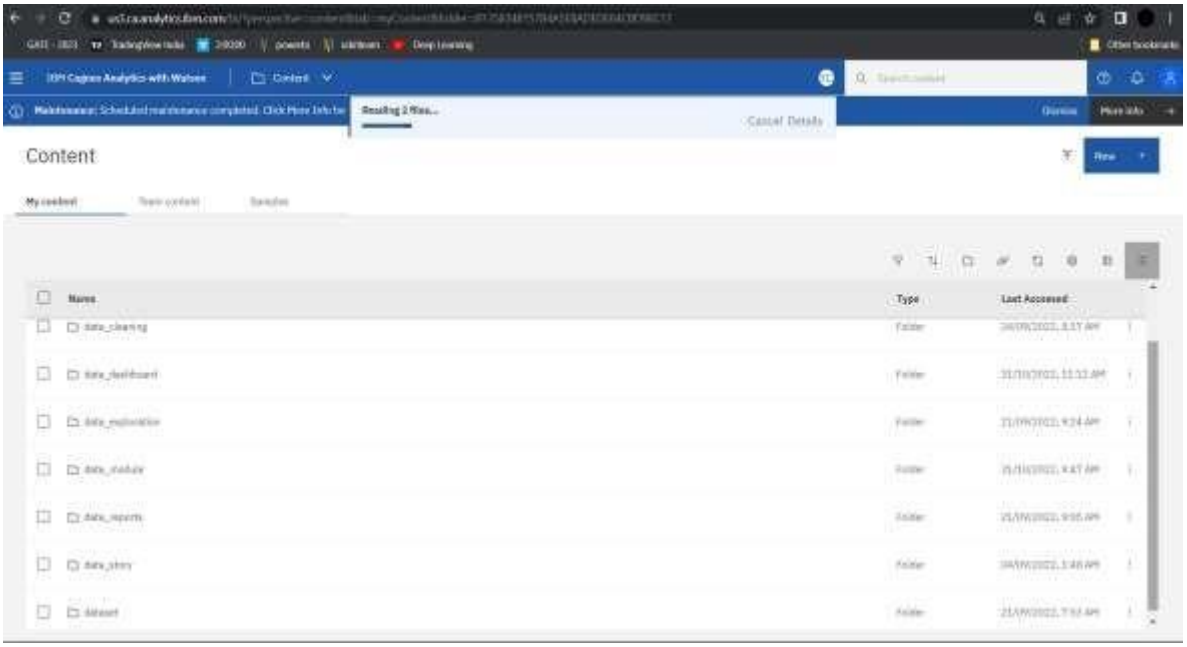
Downloading the Dataset

Dataset :

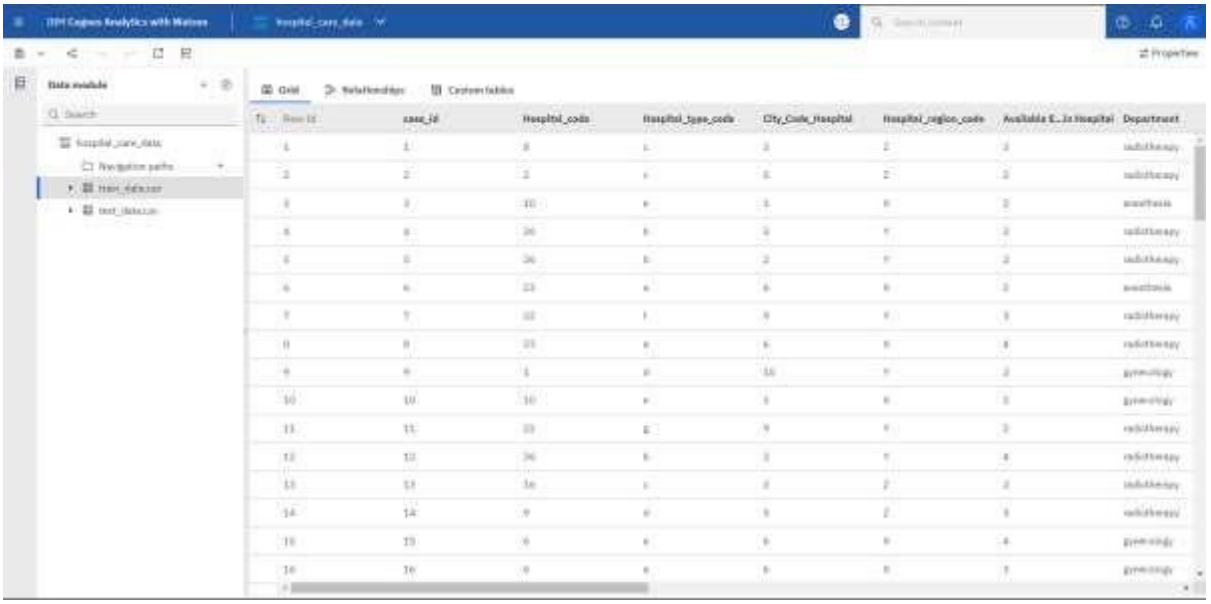
https://drive.google.com/file/d/1AHcg2b_x_pt6LHP2mQVJX-NwxykN4VUx/view?usp=sharing

Load the Dataset:

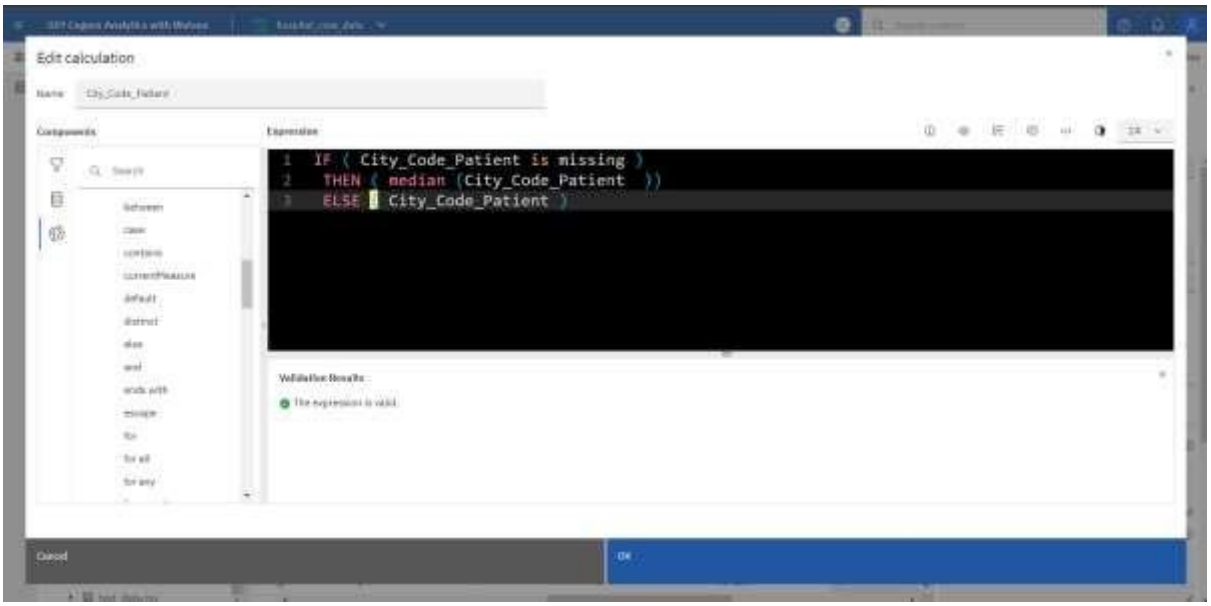
Tool used: IBM Cognos Analytics

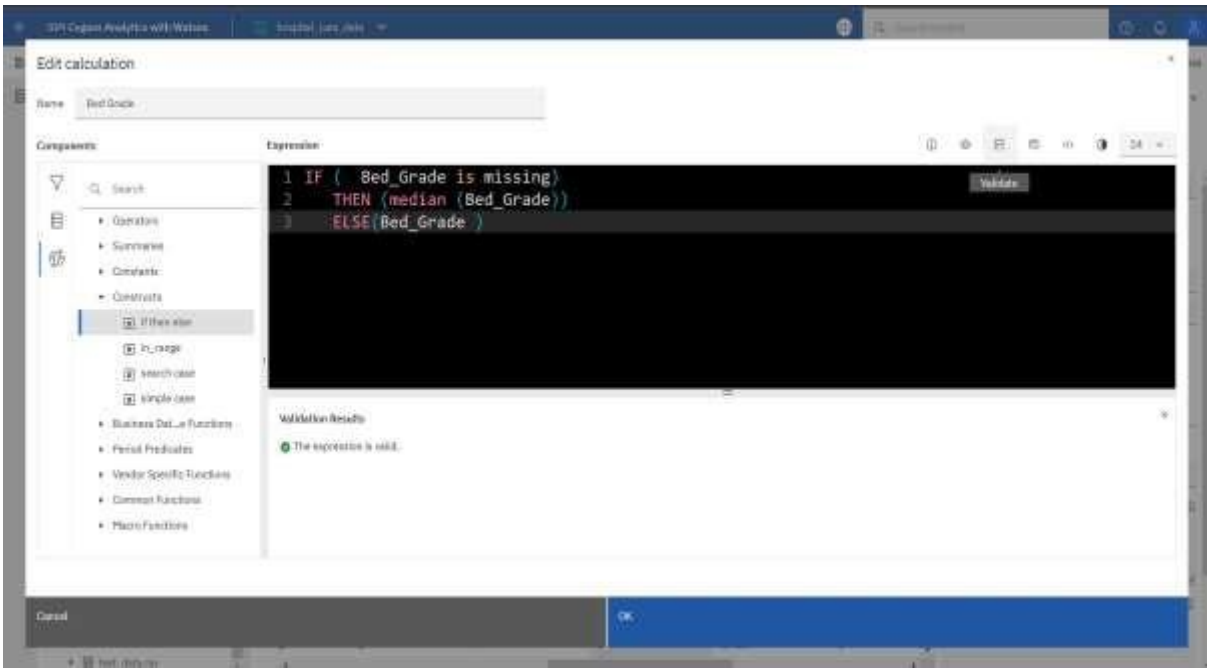


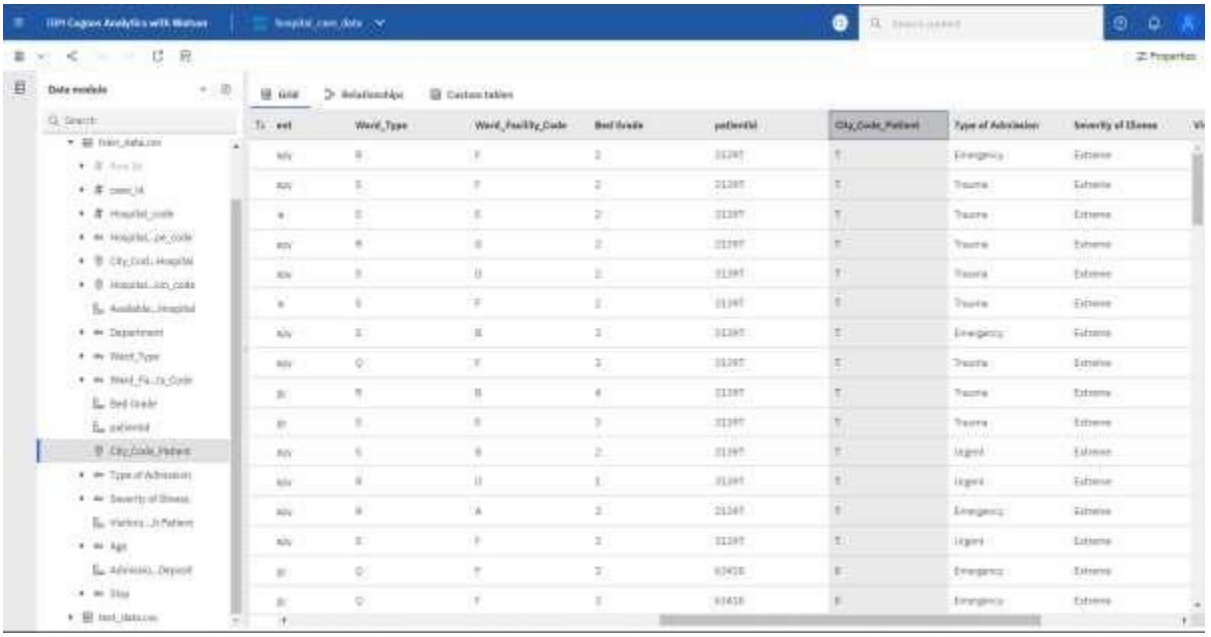
Data Preparation :



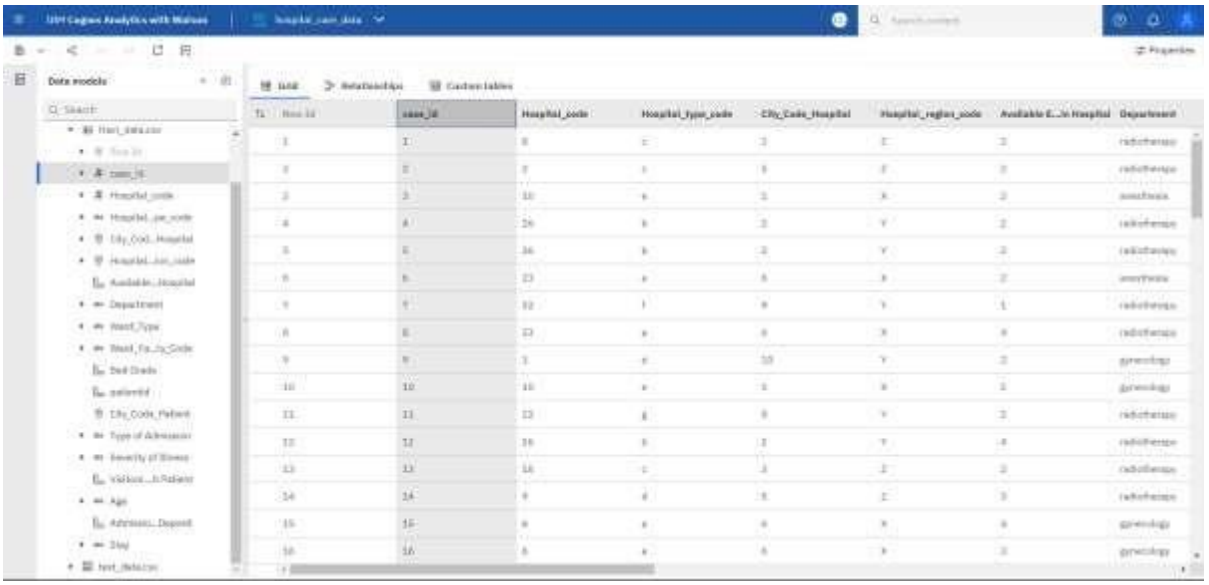
Null Values cleaning Process :

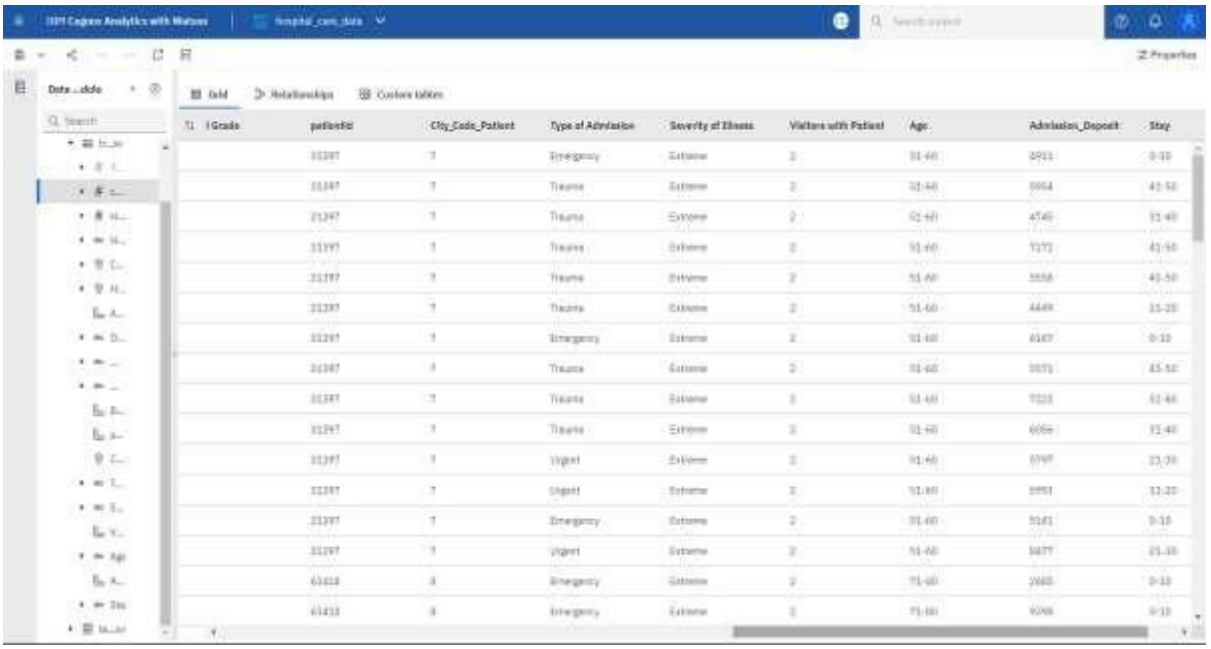



Edit calculation
Name
Bed Grade
Components
Expression
1 IF (Bed_Grade is missing)
2 THEN (median (Bed_Grade))
3 ELSE(Bed_Grade)
Validate
Operators
Summaries
Constants
Constructs
If then else
In_range
search case
simple case
Validation Results
The expression is valid.
Cancel
OK


Data module
Grid
Relationships
Custom tables
Properties
Ward_Type
Ward_Facility_Code
Bed Grade
patientid
City_Code_Patient
Type of Admission
Severity of Illness
Age
Stay

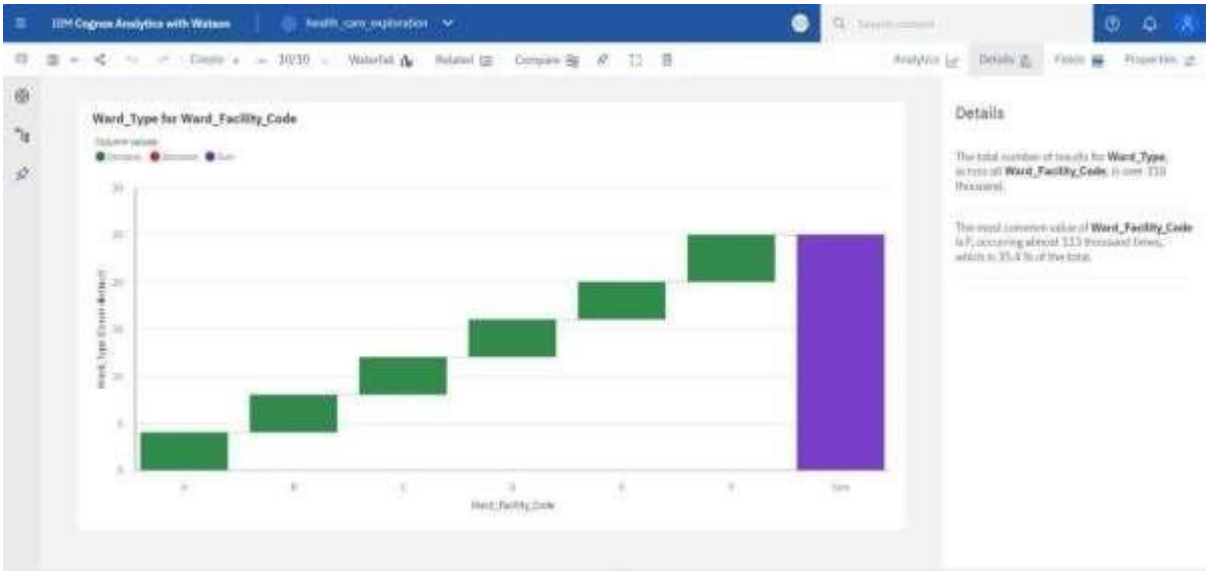
Hospital data:



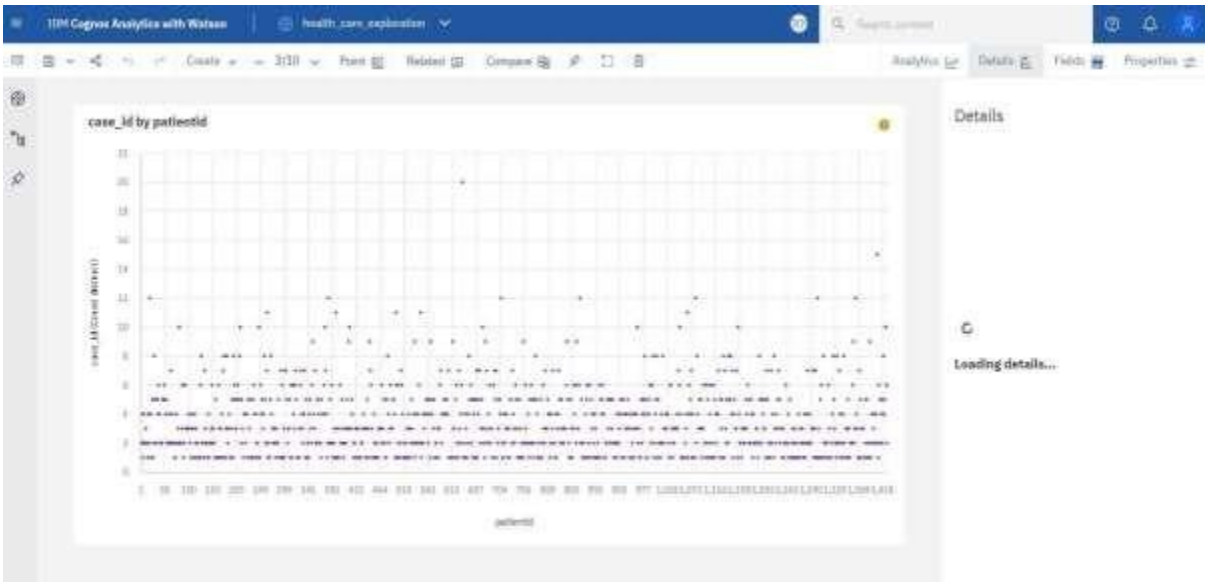


DATA EXPLORATION :

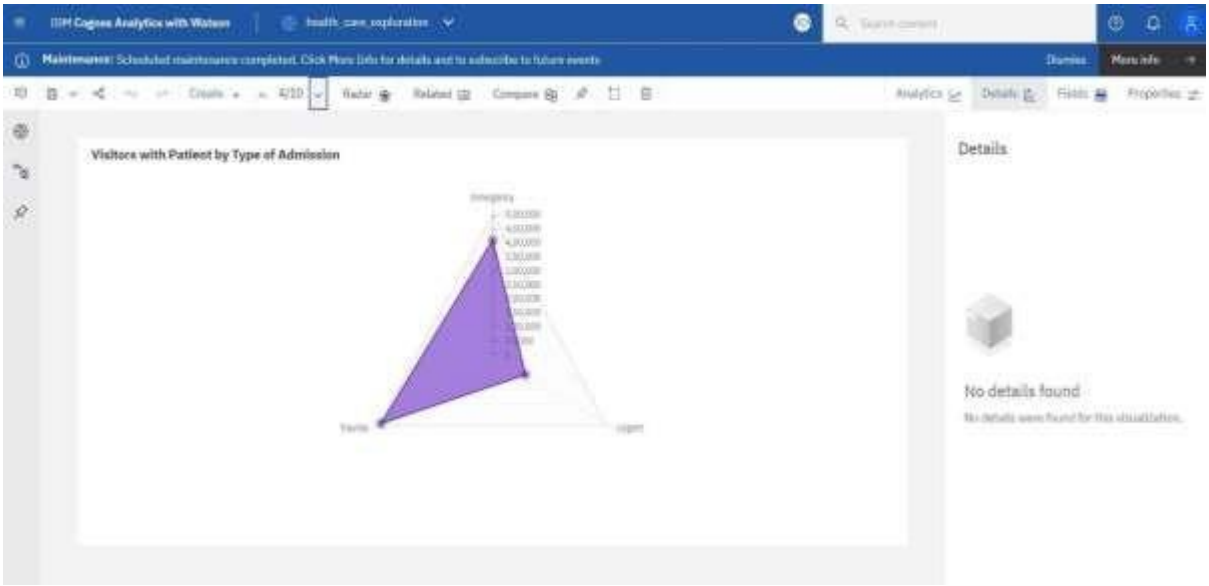
1. Ward_Type for Ward_Facility_Code:



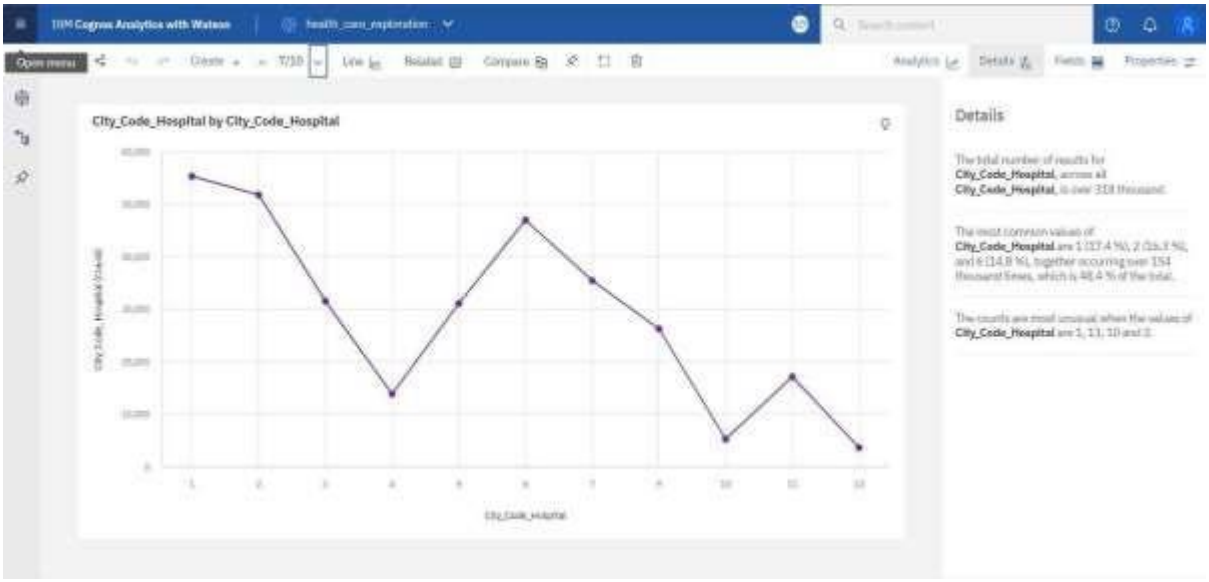
2. Case_id by Patient_id



3.Visitors with Patient by Type of Admission:



4.City_Code_Hospital by City_Code_Hospital:



5.City_Code_Hospital by Department: