Project Development Phase

Delivery of Sprint-1

Date	10 NOV 2022
Team ID	PNT2022TMID07021
Project Name	Analytics for Hospital's Health-care Data

DATASET

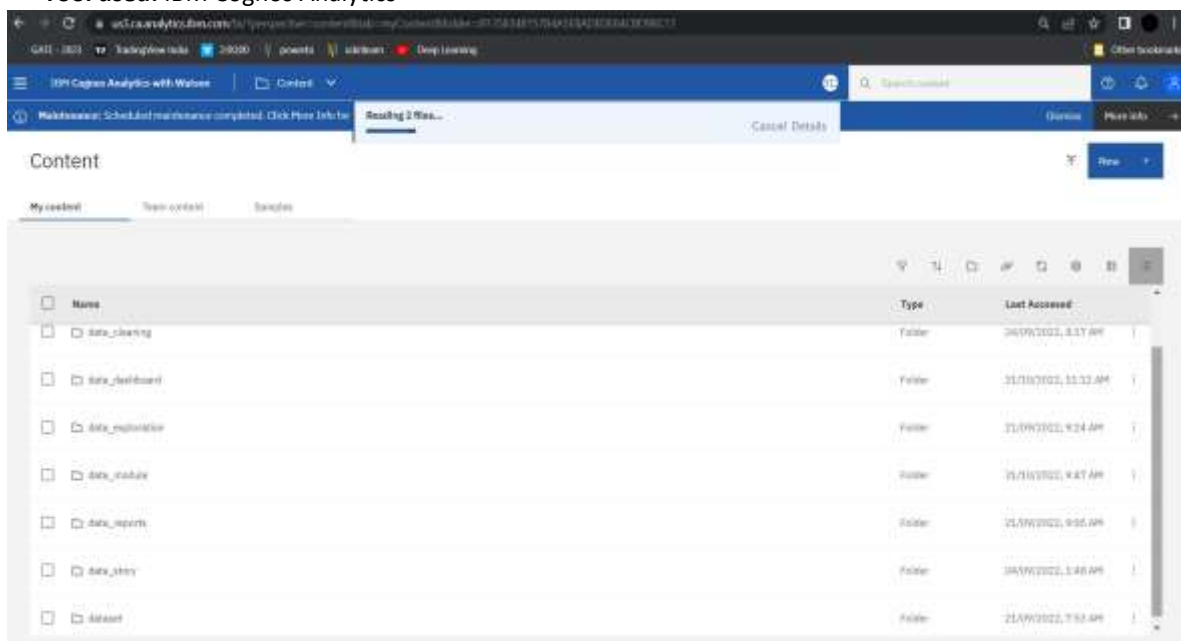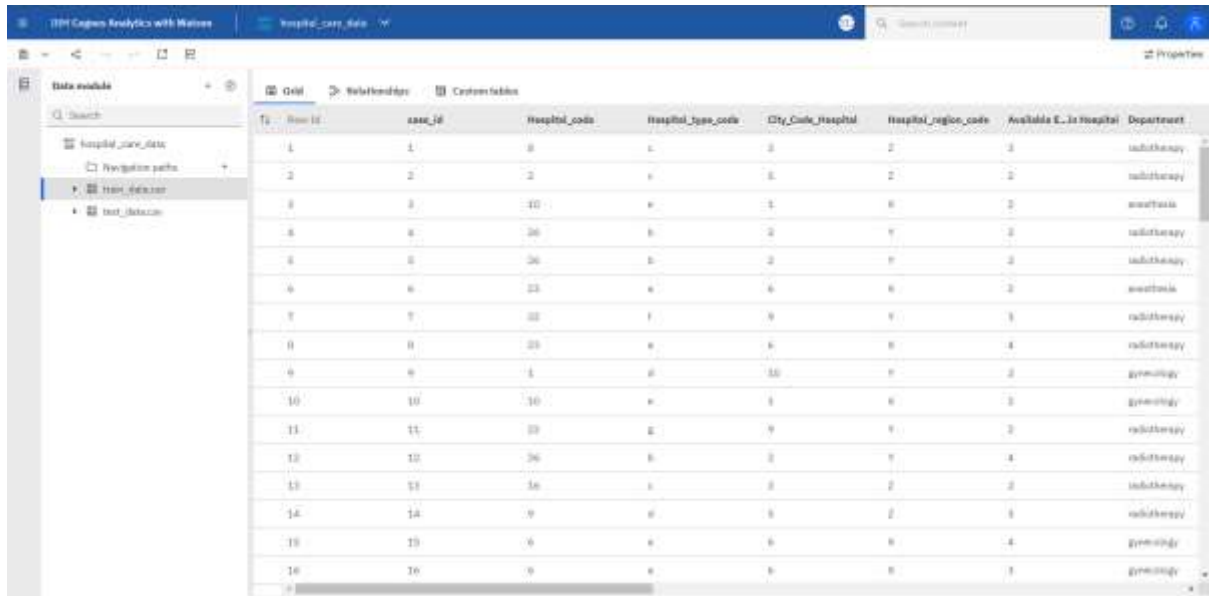**Data Collection**: Download the Dataset

Dataset link :

https://drive.google.com/drive/folders/1qozDgfVw04hGS8Di_SFhUNdUKUdjkhrT?usp=sharing

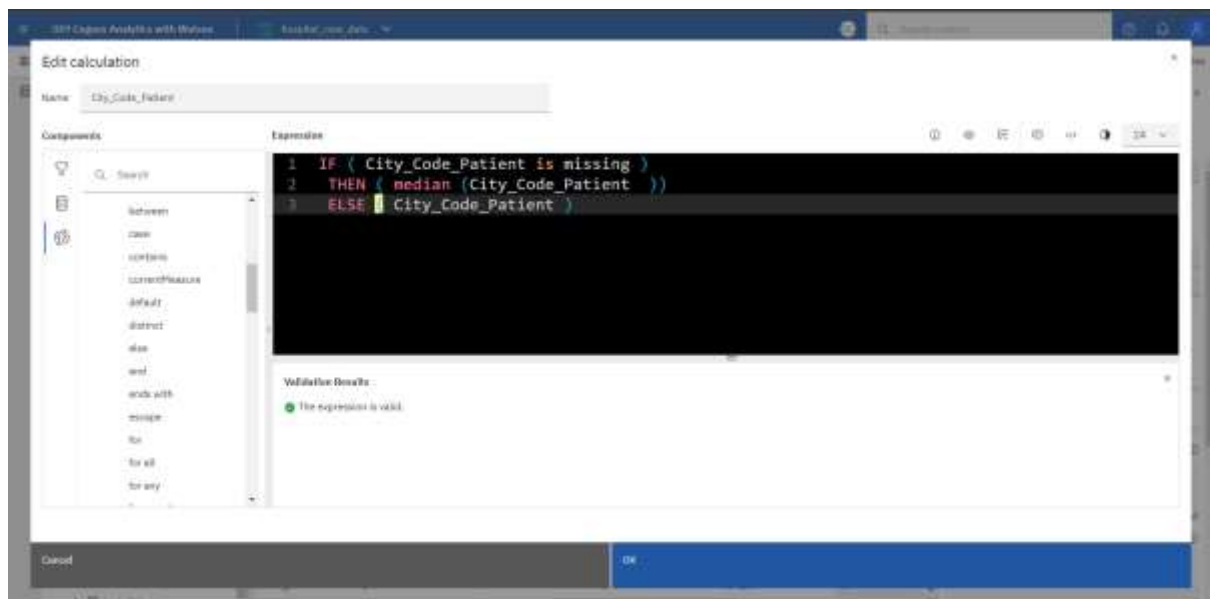**Load the Dataset:**

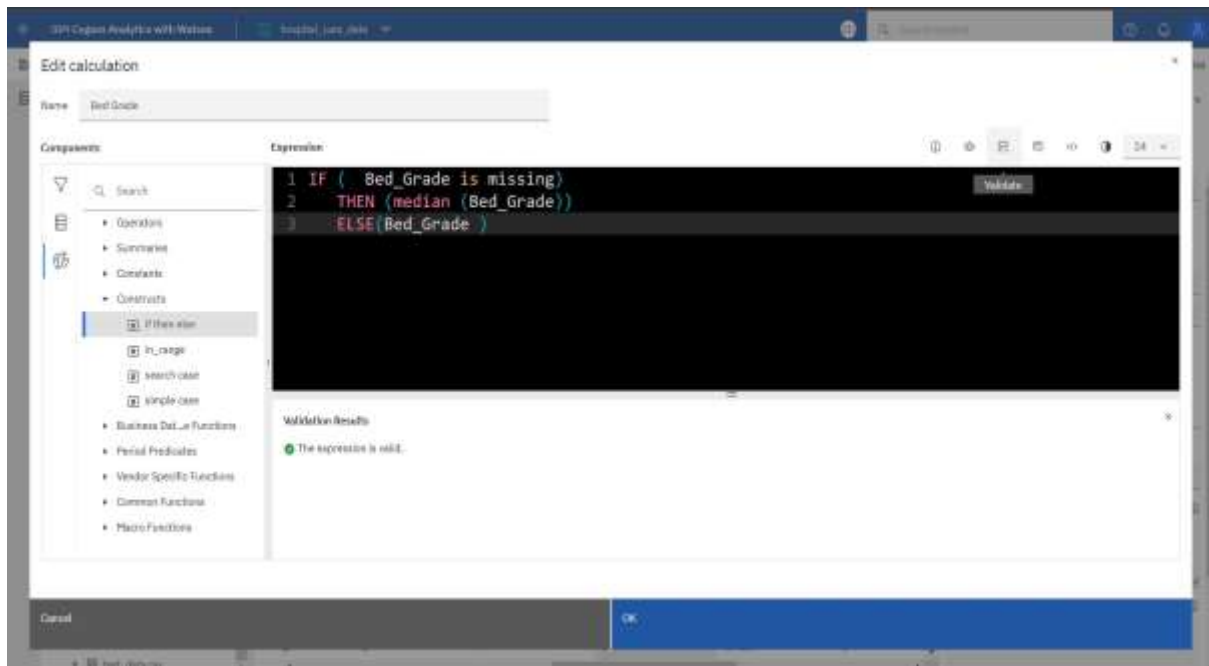   **Tool used:** IBM Cognos Analytics

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

- Search
  - ▸ Operators
  - ▸ Summaries
  - ▸ Constants
  - ▾ Constructs
    - If then else
    - In_range
    - search case
    - simple case
  - ▸ Business Date Functions
  - ▸ Period Predicates
  - ▸ Vendor Specific Functions
  - ▸ Common Functions
  - ▸ Macro Functions

Validation Results

✅ The expression is valid.

Cancel   OK

Data models — Grid · Relationships · Custom tables

set	Ward_Type	Ward_Facility_Code	Bed Grade	patientId	City_Code_Patient	Type of Admission	Severity of Illness	Vi
adv	R	F	2	31397	T	Emergency	Extreme	
adv	S	F	2	31397	T	Trauma	Extreme	
a	S	E	2	31397	T	Trauma	Extreme	
adv	R	D	2	31397	T	Trauma	Extreme	
adv	S	D	2	31397	T	Trauma	Extreme	
a	S	F	2	31397	T	Trauma	Extreme	
adv	S	B	2	31397	T	Emergency	Extreme	
adv	Q	F	2	31397	T	Trauma	Extreme	
B	R	B	4	31397	T	Trauma	Extreme	
B	S	E	3	31397	T	Trauma	Extreme	
adv	S	B	2	31397	T	Urgent	Extreme	
adv	R	D	1	31397	T	Urgent	Extreme	
adv	R	A	2	31397	T	Emergency	Extreme	
adv	S	F	2	31397	T	Urgent	Extreme	
B	Q	F	2	63418	B	Emergency	Extreme	
B	Q	F	2	63418	B	Emergency	Extreme	

Hospital data:

DATA EXPLRATION :

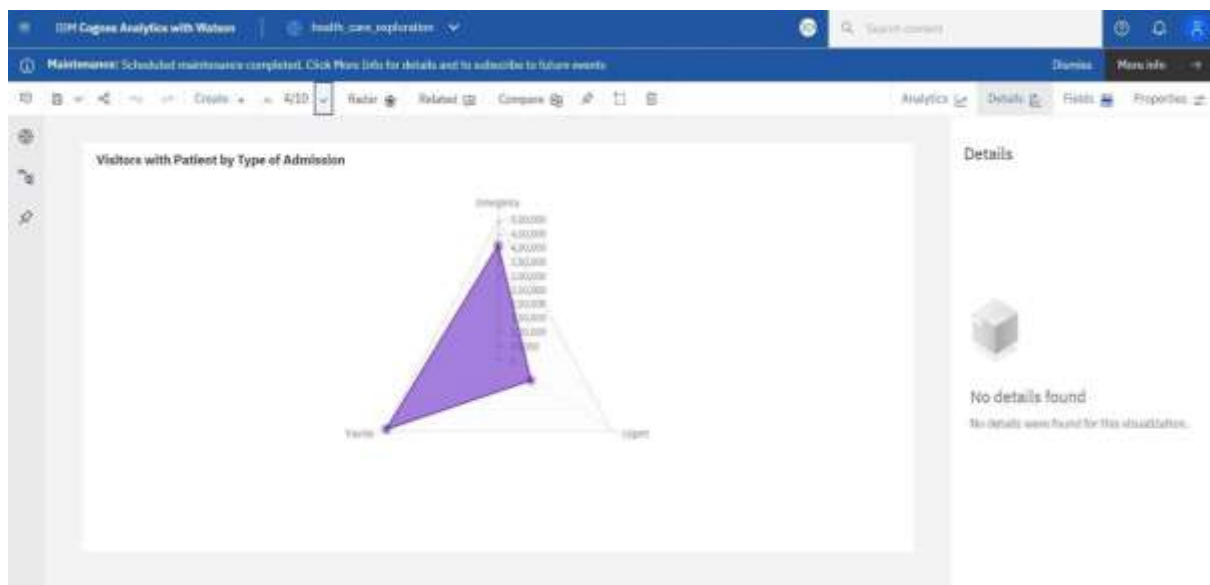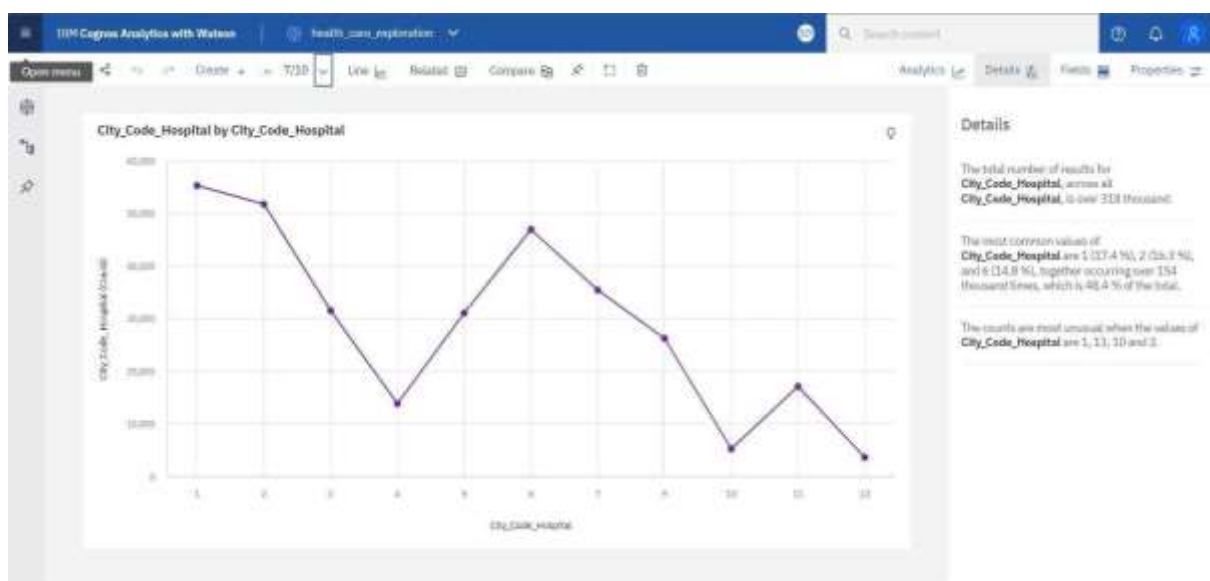1. Ward_Type for Ward_Facility_Code:
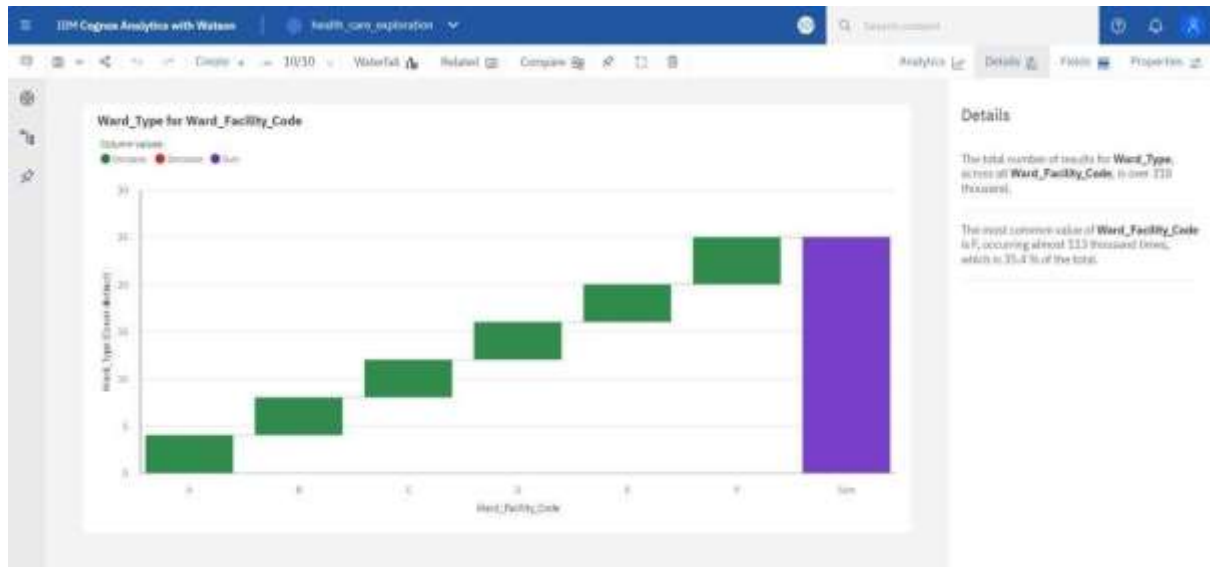
2. Case_id by Patient_id
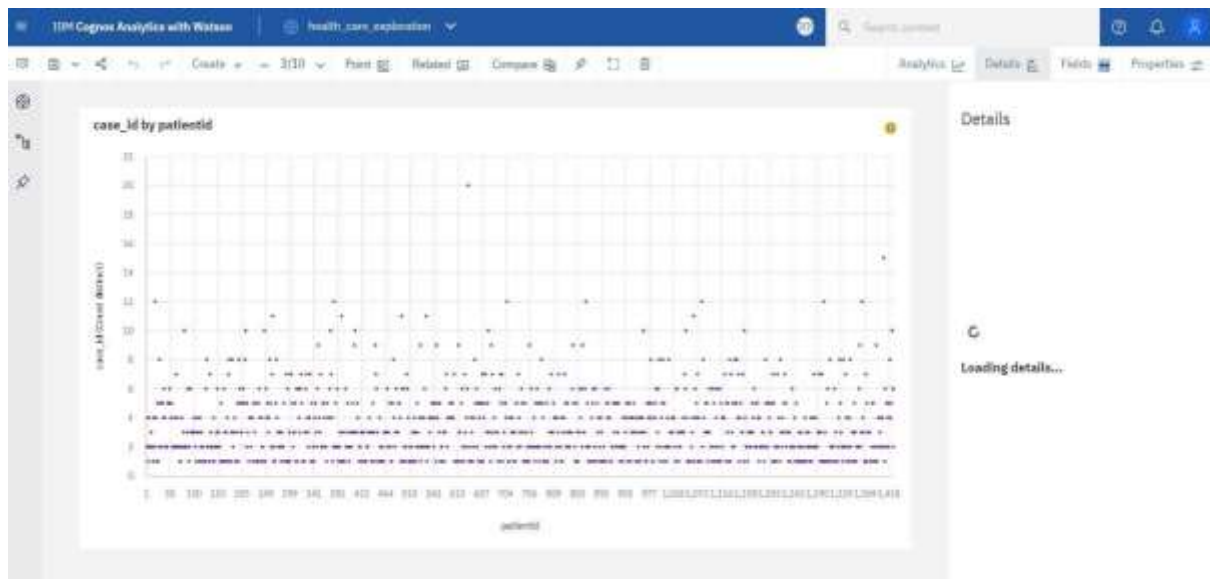
3.Visitors with Patient by Type of Admission:

4.City_Code_Hospital by City_Code_Hospital:

5.City_Code_Hospital by Department: