PROJECT DEVELOPMENT PHASE
SPRINT – 1

Team ID	PNT2022TMID04527
Project Name	Analytics for Hospitals' Health-Care Data
Title	Data Preparation

DATASET LINK :

https://drive.google.com/drive/folders/1qozDgfVw04hGS8Di_SFhUNdUKUdjkhrT

DATASET :

The healthcare dataset has three datafiles which was csv files and another one is data dictionary enclosed

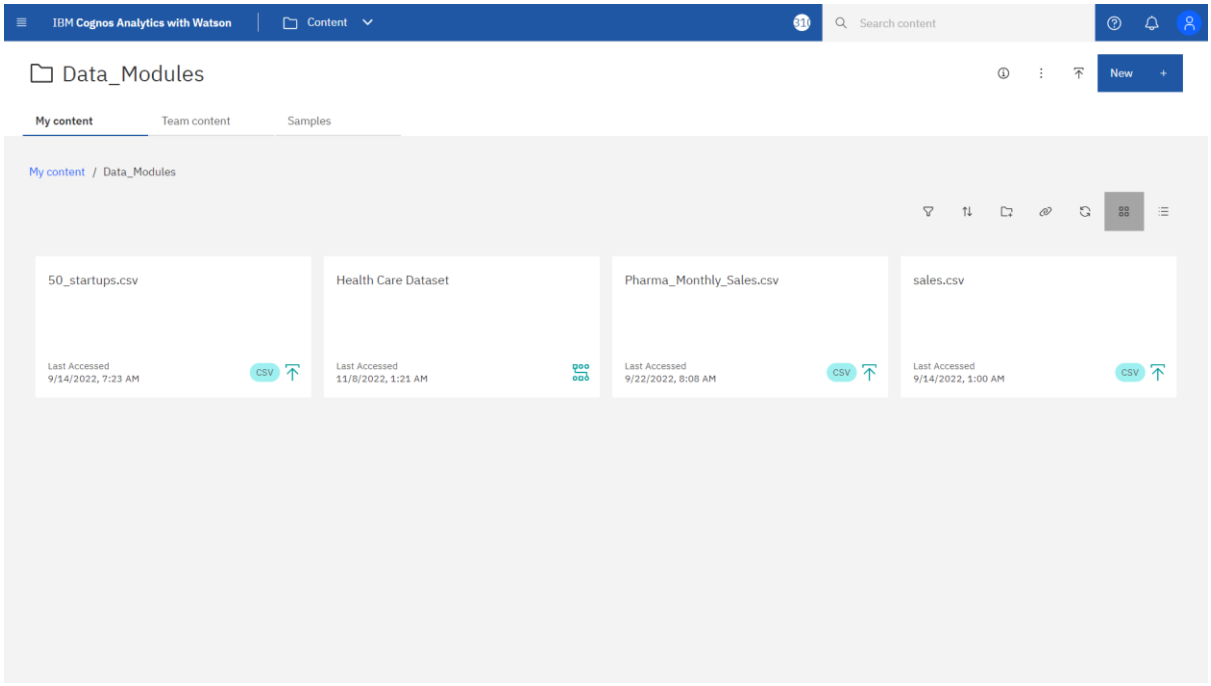
- sample_sub.csv
- test_data.csv
- train_data.csv
- train_data_dictionary.csv

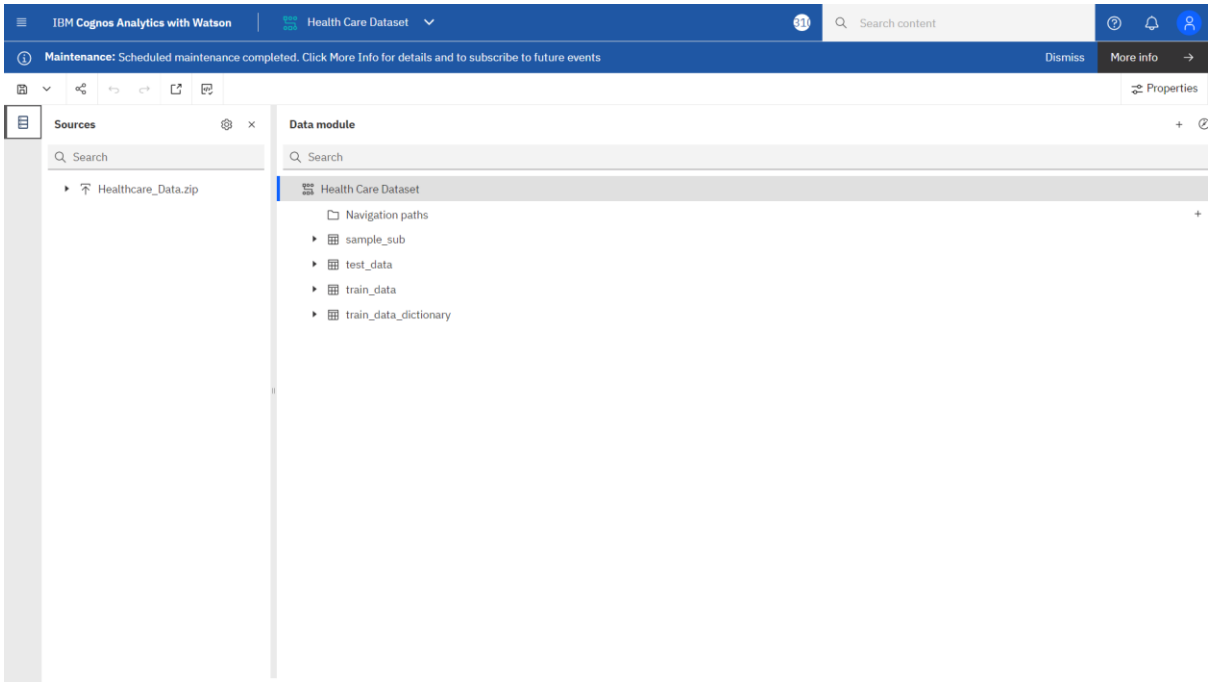
The data file we use is the test_csv which consist of 17 columns and about 137057 rows

LOADING THE DATA :

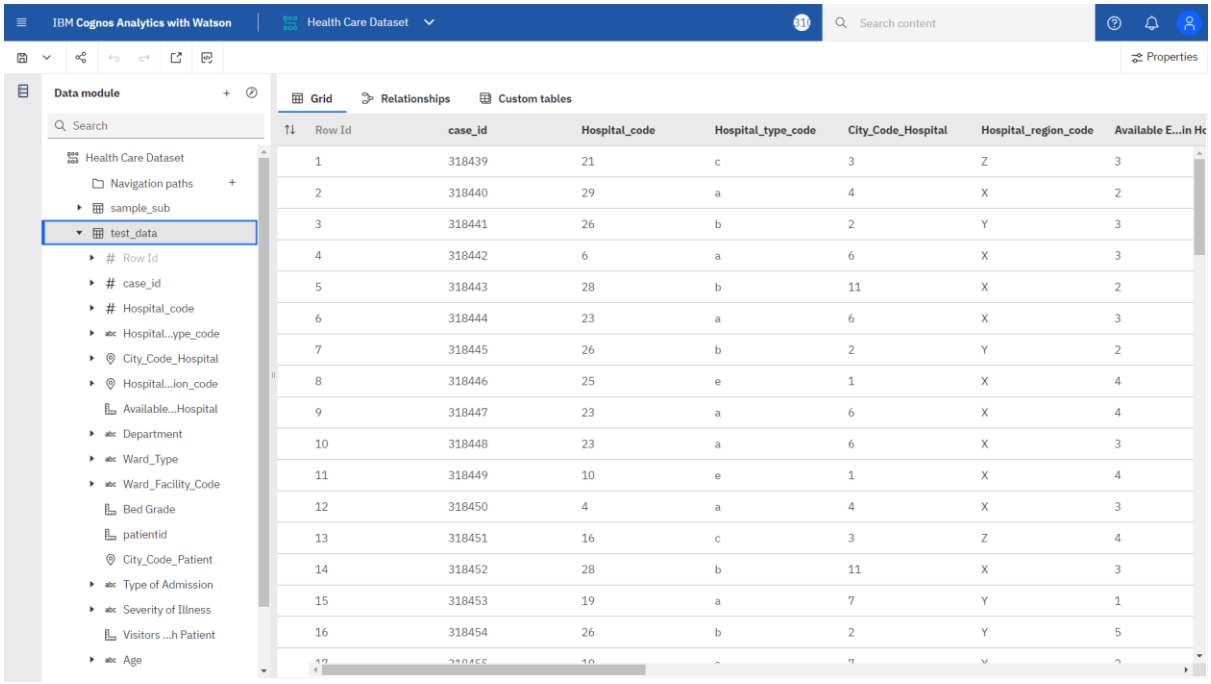
Loading the given data in the IBM Cognos platform and we have named as Health Care Dataset and it has the dataset of

- sample_sub
- test_data
- train_data
- train_data_dictionary

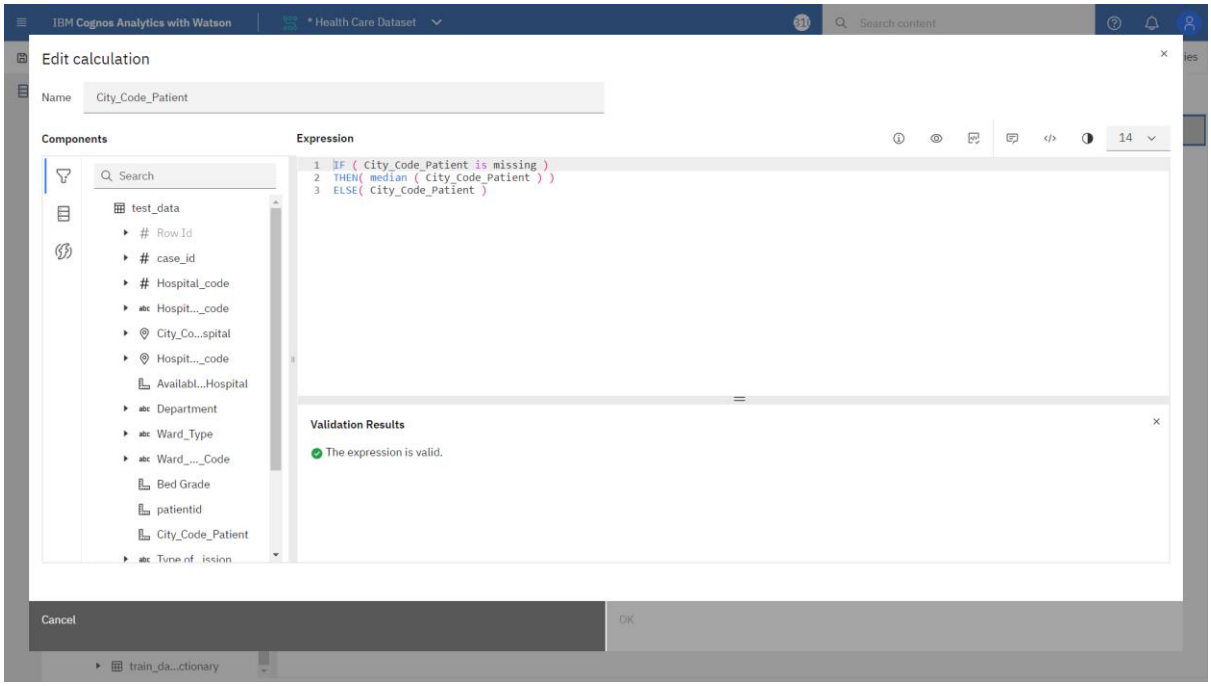

IBM Cognos Analytics with Watson
Content
Search content
Data_Modules
New
My content
Team content
Samples
My content / Data_Modules
50_startups.csv
Last Accessed
9/14/2022, 7:23 AM
CSV
Health Care Dataset
Last Accessed
11/8/2022, 1:21 AM
Pharma_Monthly_Sales.csv
Last Accessed
9/22/2022, 8:08 AM
CSV
sales.csv
Last Accessed
9/14/2022, 1:00 AM
CSV

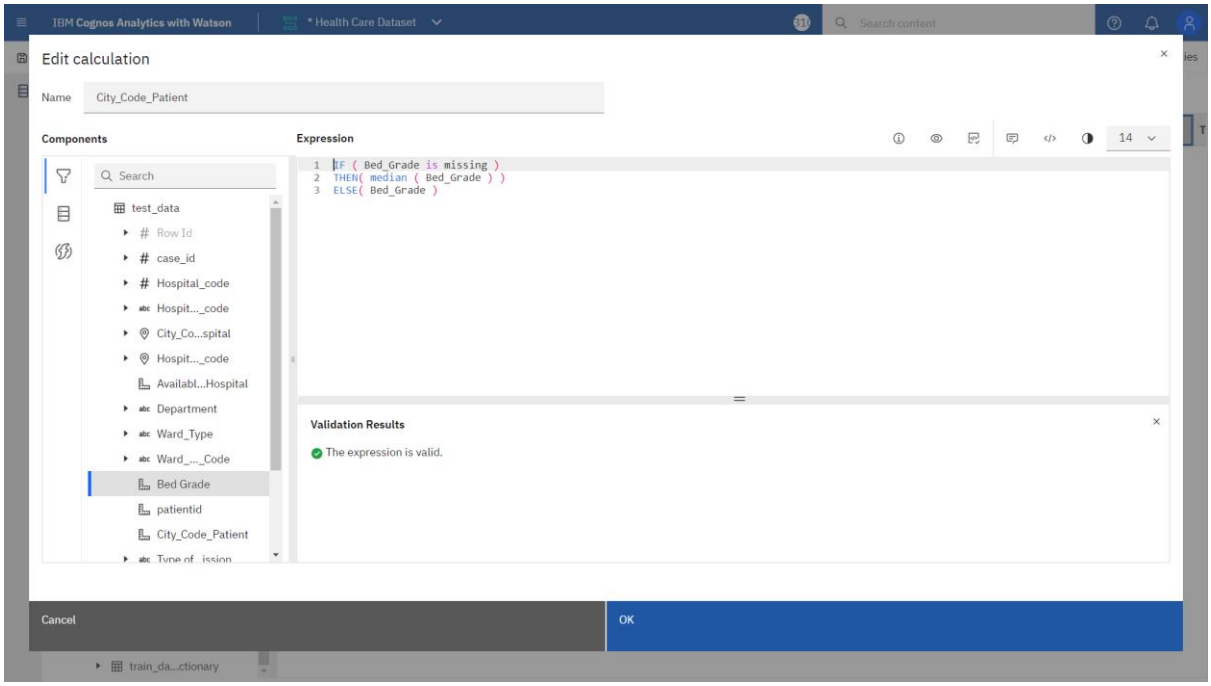

IBM Cognos Analytics with Watson
Health Care Dataset
Search content
Maintenance: Scheduled maintenance completed. Click More Info for details and to subscribe to future events
Dismiss
More info
Properties
Sources
Search
Healthcare_Data.zip
Data module
Search
Health Care Dataset
Navigation paths
sample_sub
test_data
train_data
train_data_dictionary

PREPARATION OF DATASET :

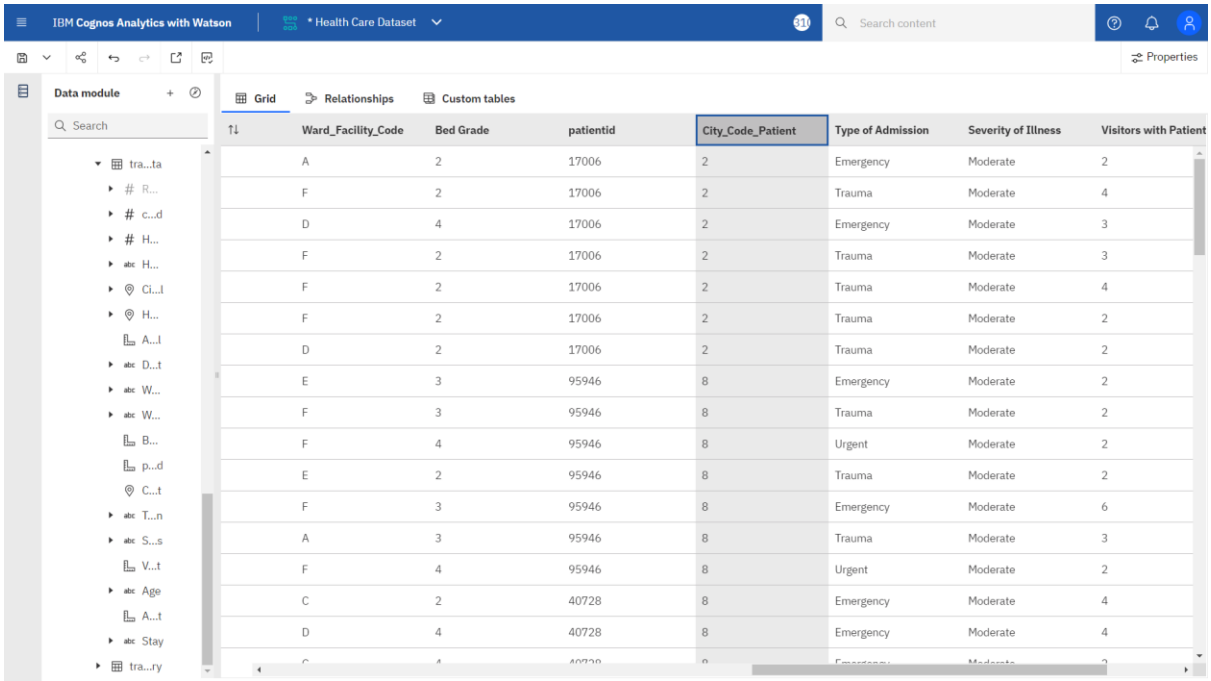


DATA PREPARATION :

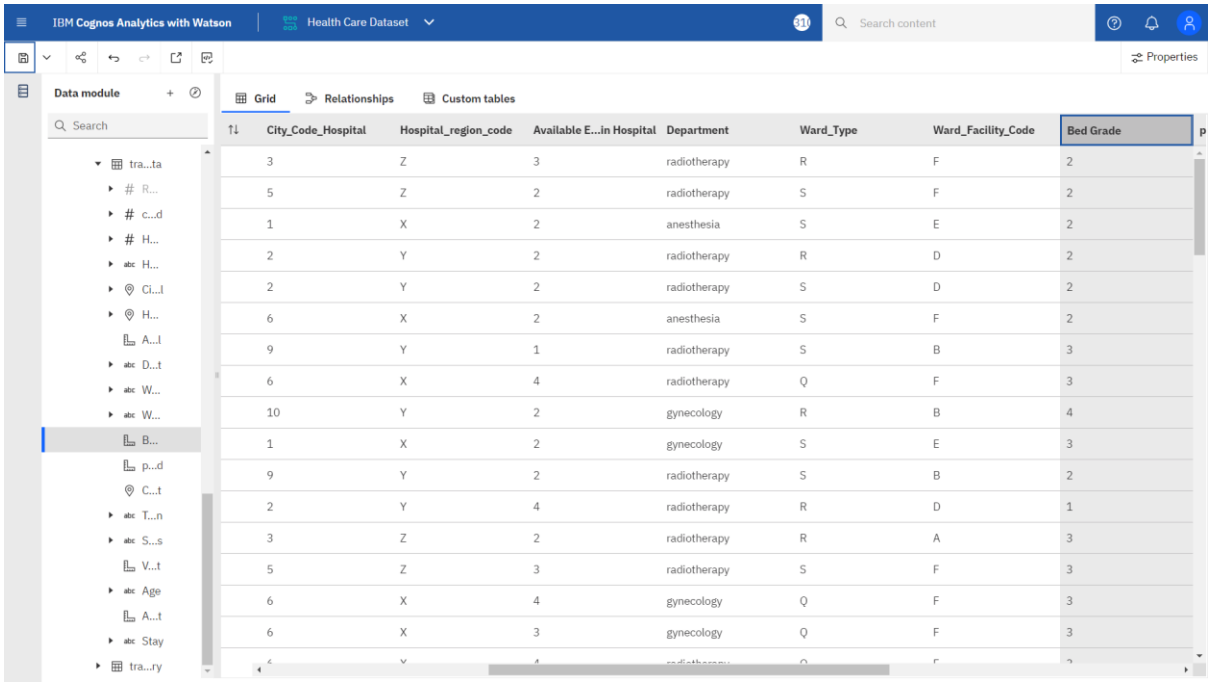




REPLACING THE NULL VALUE :



Ward_Facility_Code	Bed Grade	patientid	City_Code_Patient	Type of Admission	Severity of Illness	Visitors with Patient
A	2	17006	2	Emergency	Moderate	2
F	2	17006	2	Trauma	Moderate	4
D	4	17006	2	Emergency	Moderate	3
F	2	17006	2	Trauma	Moderate	3
F	2	17006	2	Trauma	Moderate	4
F	2	17006	2	Trauma	Moderate	2
D	2	17006	2	Trauma	Moderate	2
E	3	95946	8	Emergency	Moderate	2
F	3	95946	8	Trauma	Moderate	2
F	4	95946	8	Urgent	Moderate	2
E	2	95946	8	Trauma	Moderate	2
F	3	95946	8	Emergency	Moderate	6
A	3	95946	8	Trauma	Moderate	3
F	4	95946	8	Urgent	Moderate	2
C	2	40728	8	Emergency	Moderate	4
D	4	40728	8	Emergency	Moderate	4



City_Code_Hospital	Hospital_region_code	Available E...in Hospital	Department	Ward_Type	Ward_Facility_Code	Bed Grade
3	Z	3	radiotherapy	R	F	2
5	Z	2	radiotherapy	S	F	2
1	X	2	anesthesia	S	E	2
2	Y	2	radiotherapy	R	D	2
2	Y	2	radiotherapy	S	D	2
6	X	2	anesthesia	S	F	2
9	Y	1	radiotherapy	S	B	3
6	X	4	radiotherapy	Q	F	3
10	Y	2	gynecology	R	B	4
1	X	2	gynecology	S	E	3
9	Y	2	radiotherapy	S	B	2
2	Y	4	radiotherapy	R	D	1
3	Z	2	radiotherapy	R	A	3
5	Z	3	radiotherapy	S	F	3
6	X	4	gynecology	Q	F	3
6	X	3	gynecology	Q	F	3