PROJECT DEVELOPMENT PHASE

SPRINT II

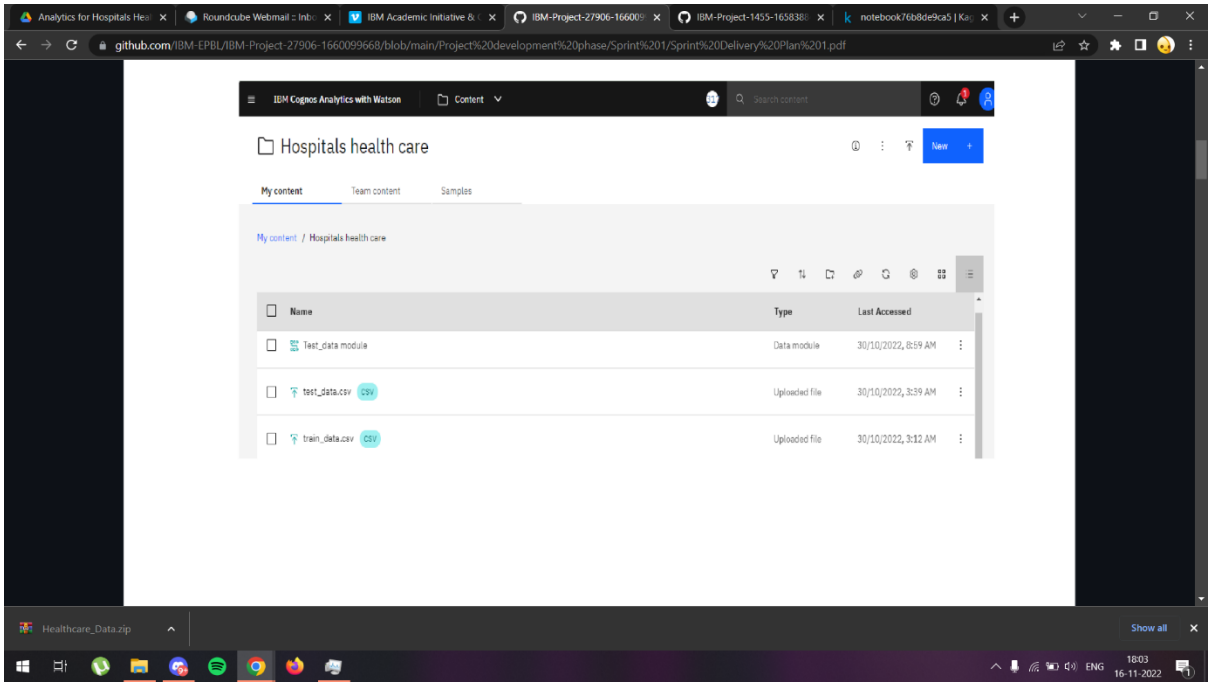
Date	15/11/2022
Team ID	PNT2022TMID44298
Project Name	Analytics for Hospital's Healthcare Data

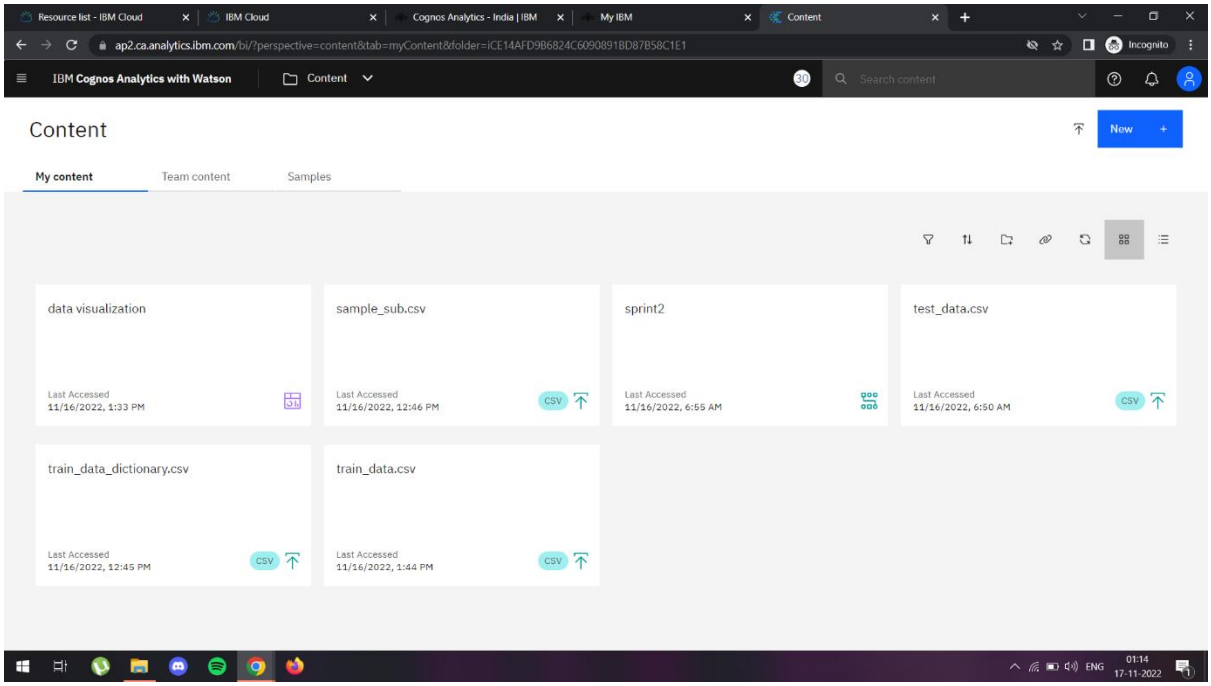
Importing Data Sets of Analytics for Hospital Health Care Data Using Cognos Analysis:

USN-1:

- As a User I can enter the details of the patients working in our organization of the details.

- Uploading the dataset of test_data.csv and train_data.csv file to IBM Cognos Analytics.

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IBM Cloud
Cognos Analytics - India | IBM
My IBM
Content
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IBM Cognos Analytics with Watson
Content
Search content
Content
New
My content
Team content
Samples
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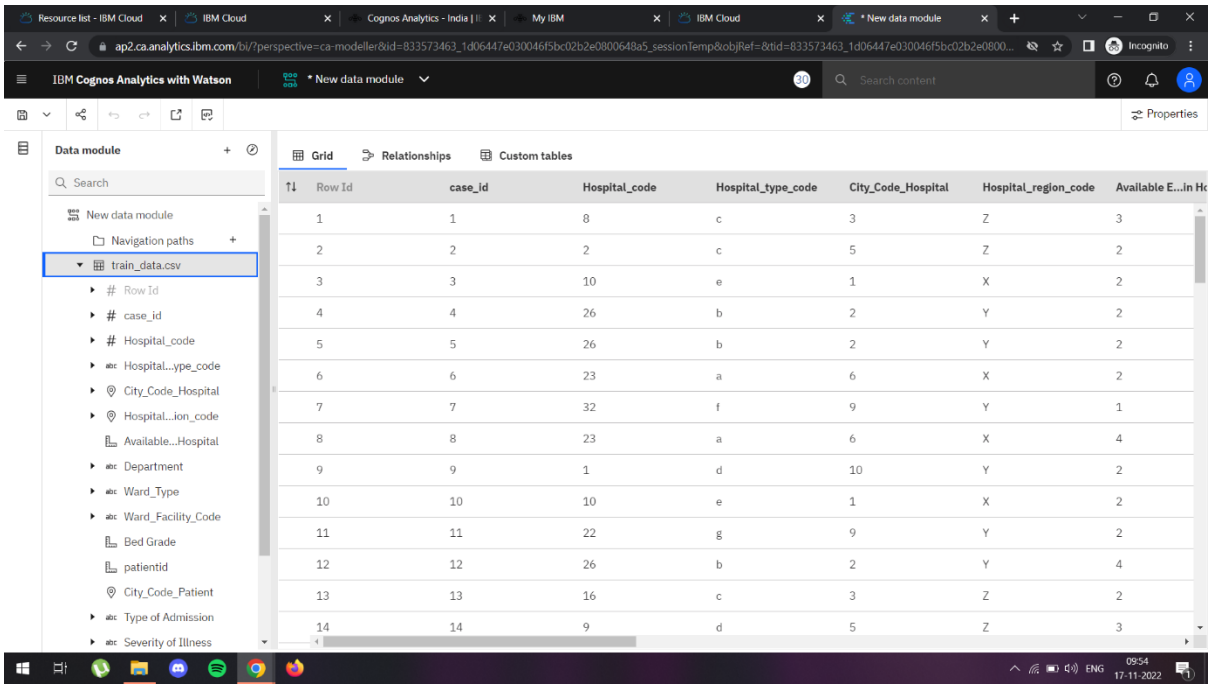
Resource list - IBM Cloud
IBM Cloud
Cognos Analytics - India |
My IBM
IBM Cloud
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IBM Cognos Analytics with Watson
* New data module
Search content
Properties
Data module
Search
New data module
Navigation paths
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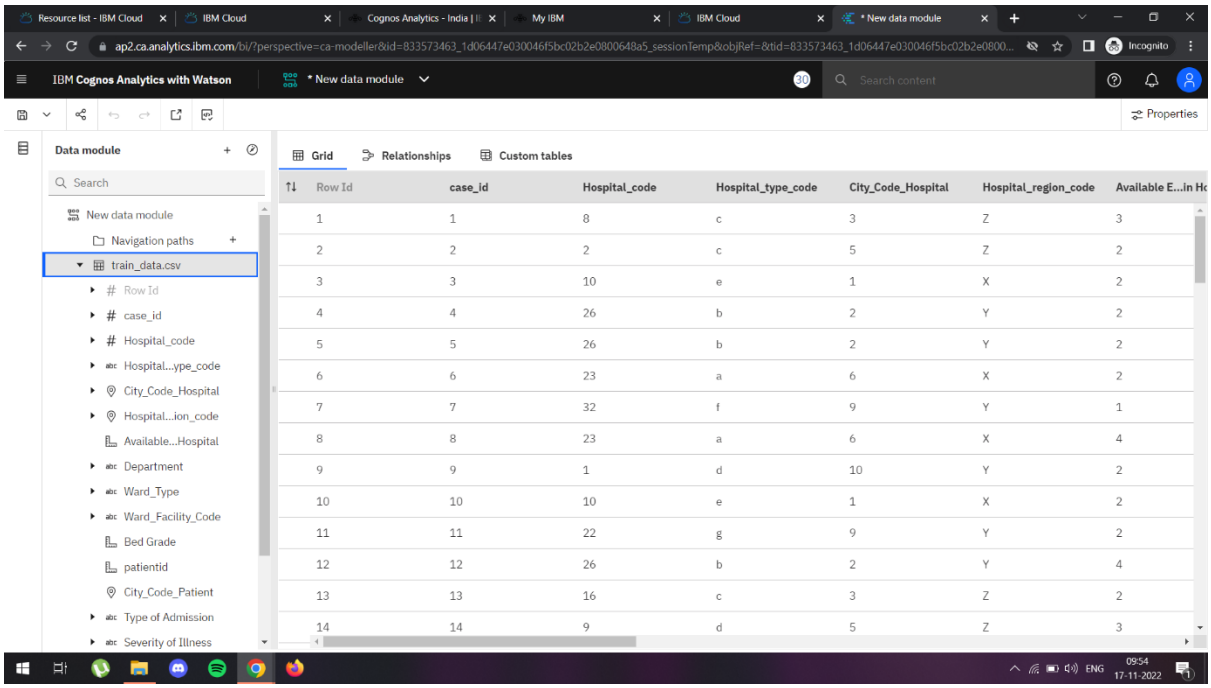
Hospital_code
Hospital...ype_code
City_Code_Hospital
Hospital...ion_code
Available...Hospital
Department
Ward_Type
Ward_Facility_Code
Bed Grade
patientid
City_Code_Patient
Type of Admission
Severity of Illness
Grid
Relationships
Custom tables
Row Id
case_id
Hospital_code
Hospital_type_code
City_Code_Hospital
Hospital_region_code
Available E...In Ho
1 1 8 c 3 Z 3
2 2 2 c 5 Z 2
3 3 10 e 1 X 2
4 4 26 b 2 Y 2
5 5 26 b 2 Y 2
6 6 23 a 6 X 2
7 7 32 f 9 Y 1
8 8 23 a 6 X 4
9 9 1 d 10 Y 2
10 10 10 e 1 X 2
11 11 22 g 9 Y 2
12 12 26 b 2 Y 4
13 13 16 c 3 Z 2
14 14 9 d 5 Z 3
ENG
09:54
17-11-2022

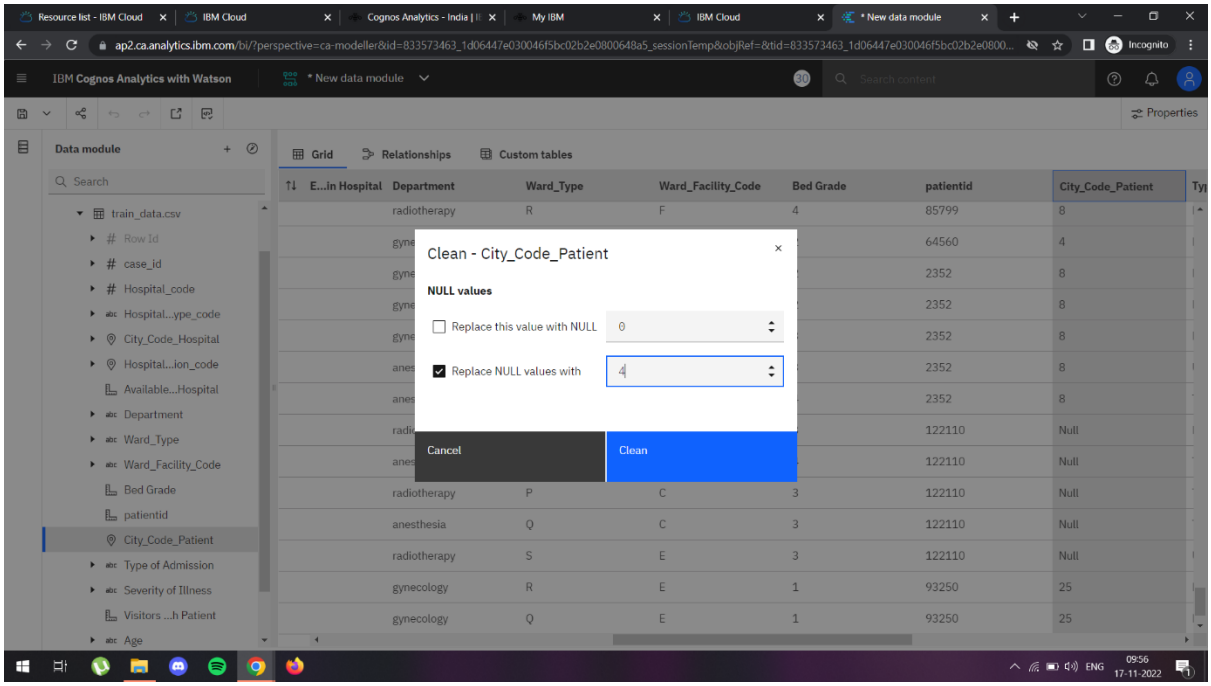
Data Cleaning and Data Processing using Cognos Analytics:

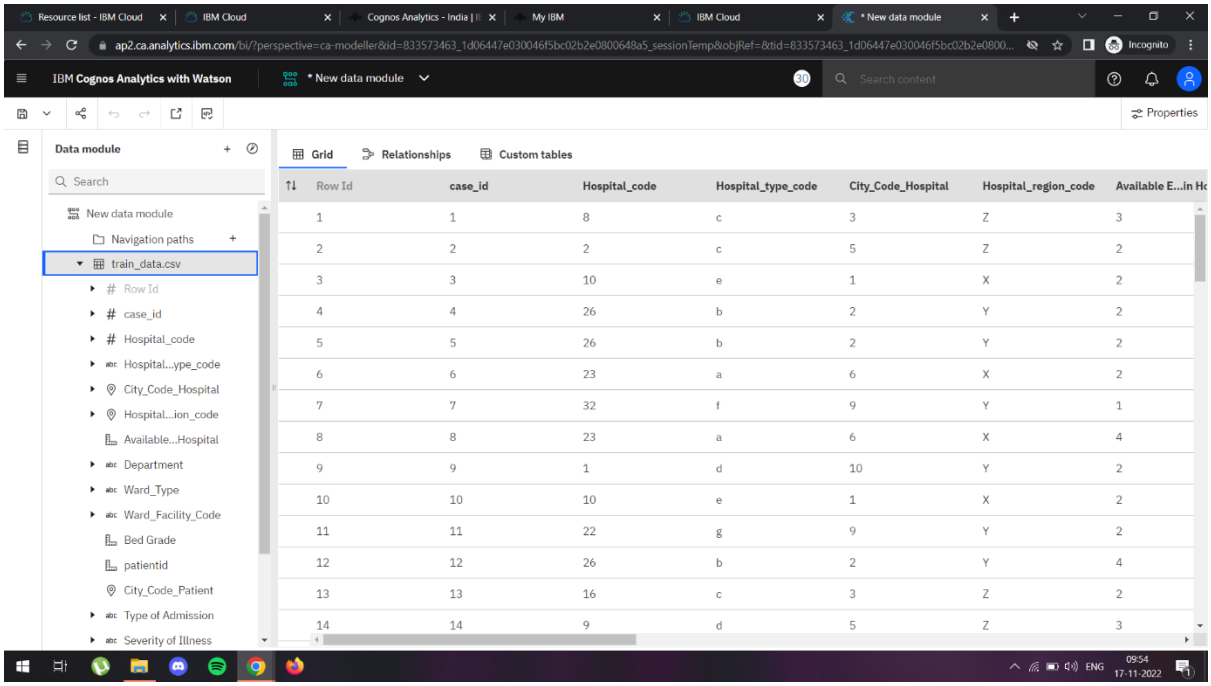
USN-2:

- As an Analyst, I will check the data set and clean the dataset to create an efficient model.

- To Data cleaning the null values in test_data.csv dataset first.






IBM Cognos Analytics with Watson
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Data module
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New data module
Navigation paths
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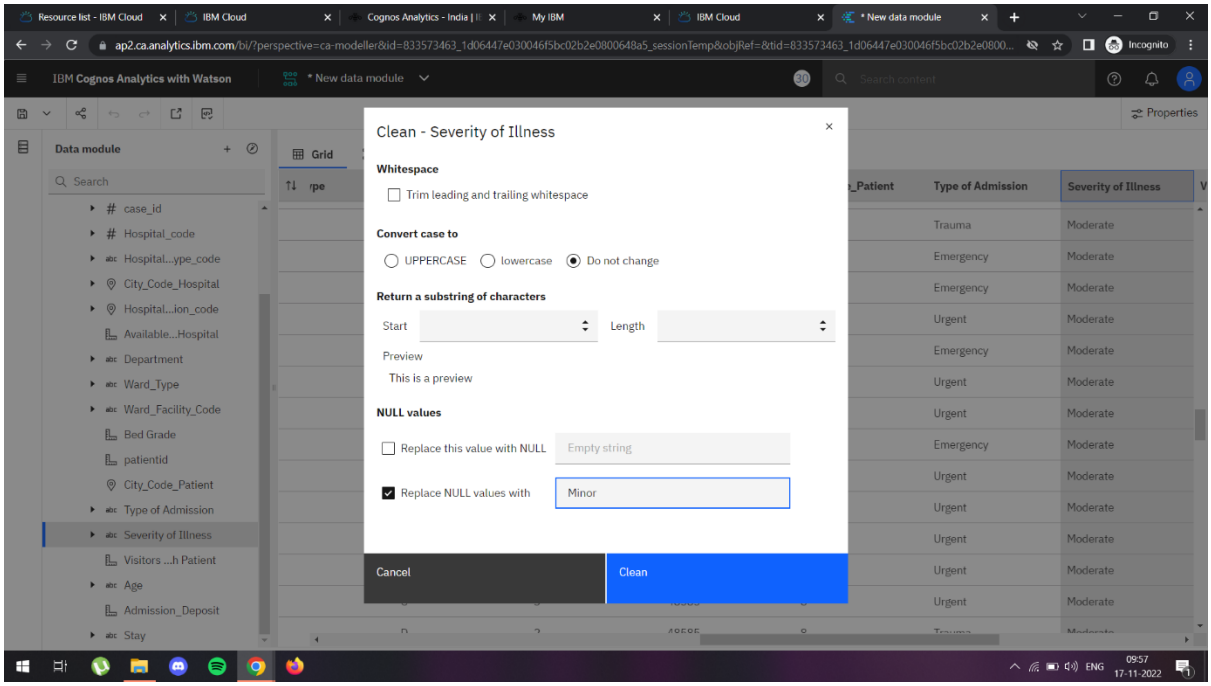
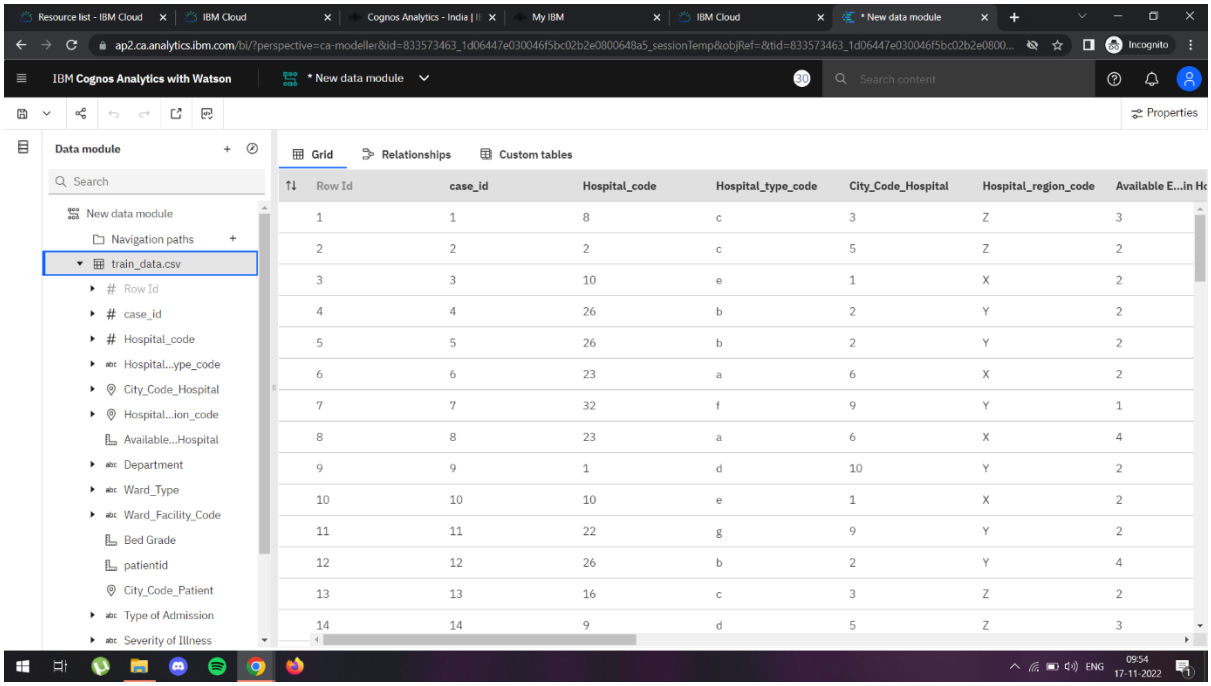
City_Code_Hospital
Hospital...ion_code
Available...Hospital
Department
Ward_Type
Ward_Facility_Code
Bed Grade
patientid
City_Code_Patient
Type of Admission
Severity of Illness
Grid
Relationships
Custom tables
Properties
Row Id | case_id | Hospital_code | Hospital_type_code | City_Code_Hospital | Hospital_region_code | Available E...in Ho
1 | 1 | 8 | c | 3 | Z | 3
2 | 2 | 2 | c | 5 | Z | 2
3 | 3 | 10 | e | 1 | X | 2
4 | 4 | 26 | b | 2 | Y | 2
5 | 5 | 26 | b | 2 | Y | 2
6 | 6 | 23 | a | 6 | X | 2
7 | 7 | 32 | f | 9 | Y | 1
8 | 8 | 23 | a | 6 | X | 4
9 | 9 | 1 | d | 10 | Y | 2
10 | 10 | 10 | e | 1 | X | 2
11 | 11 | 22 | g | 9 | Y | 2
12 | 12 | 26 | b | 2 | Y | 4
13 | 13 | 16 | c | 3 | Z | 2
14 | 14 | 9 | d | 5 | Z | 3

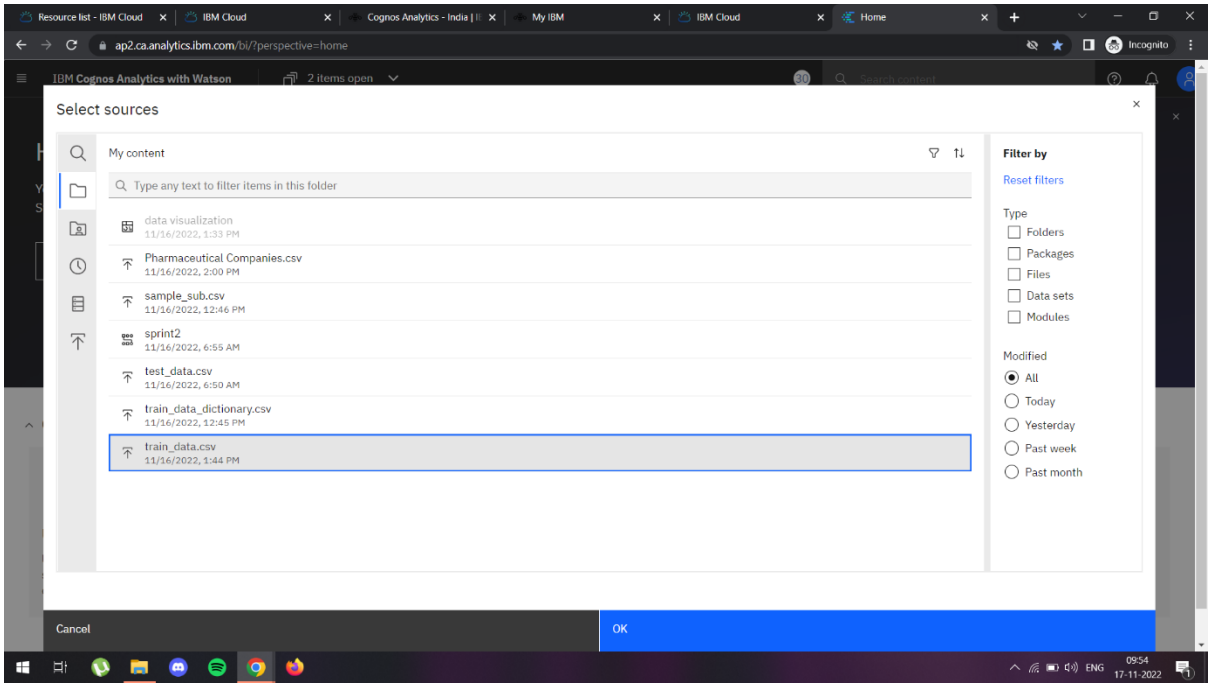

Clean - Severity of Illness
Whitespace
Trim leading and trailing whitespace
Convert case to
UPPERCASE
lowercase
Do not change
Return a substring of characters
Start
Length
Preview
This is a preview
NULL values
Replace this value with NULL
Empty string
Replace NULL values with
Minor
Cancel
Clean
Type of Admission
Severity of Illness
Trauma
Emergency
Urgent
Moderate

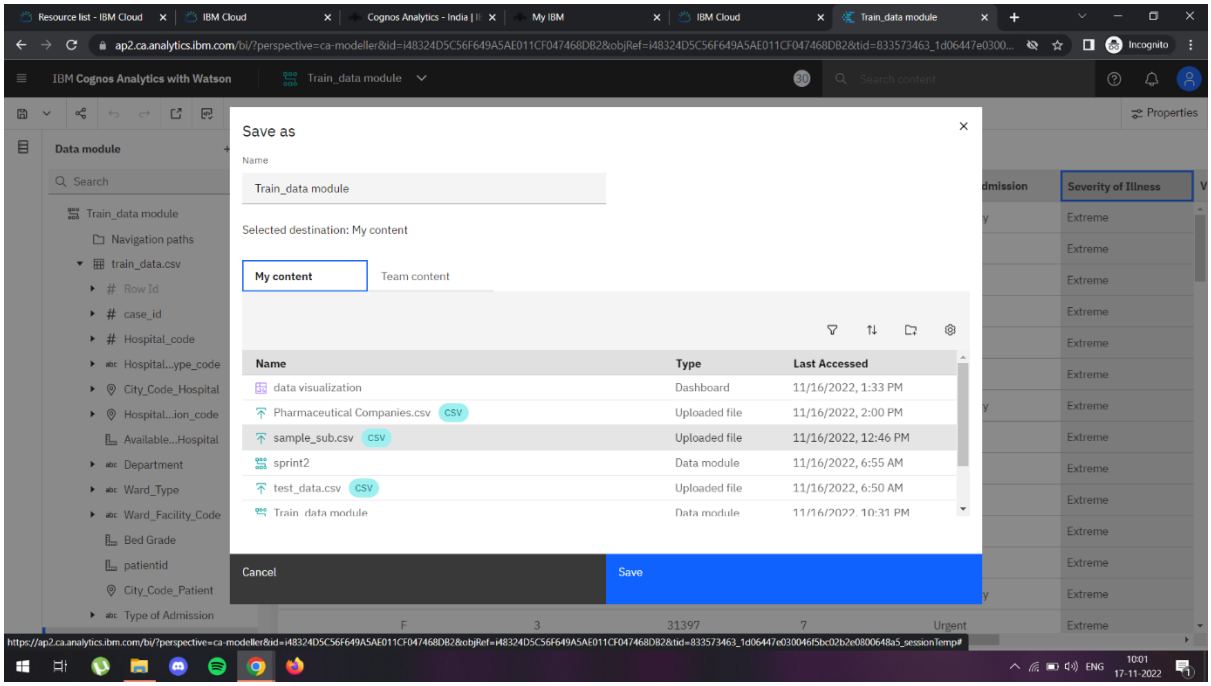


Creating The Data Module using Cognos Analytics:

USN-3:

- As an Analyst I will also correct the raw data and create a data module.
- I will Create the data module using test_data.csv dataset first




Save as
Name
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Selected destination: My content
My content
Team content
Name
Type
Last Accessed
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Dashboard
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Uploaded file
11/16/2022, 2:00 PM
sample_sub.csv
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Data module
11/16/2022, 6:55 AM
test_data.csv
Uploaded file
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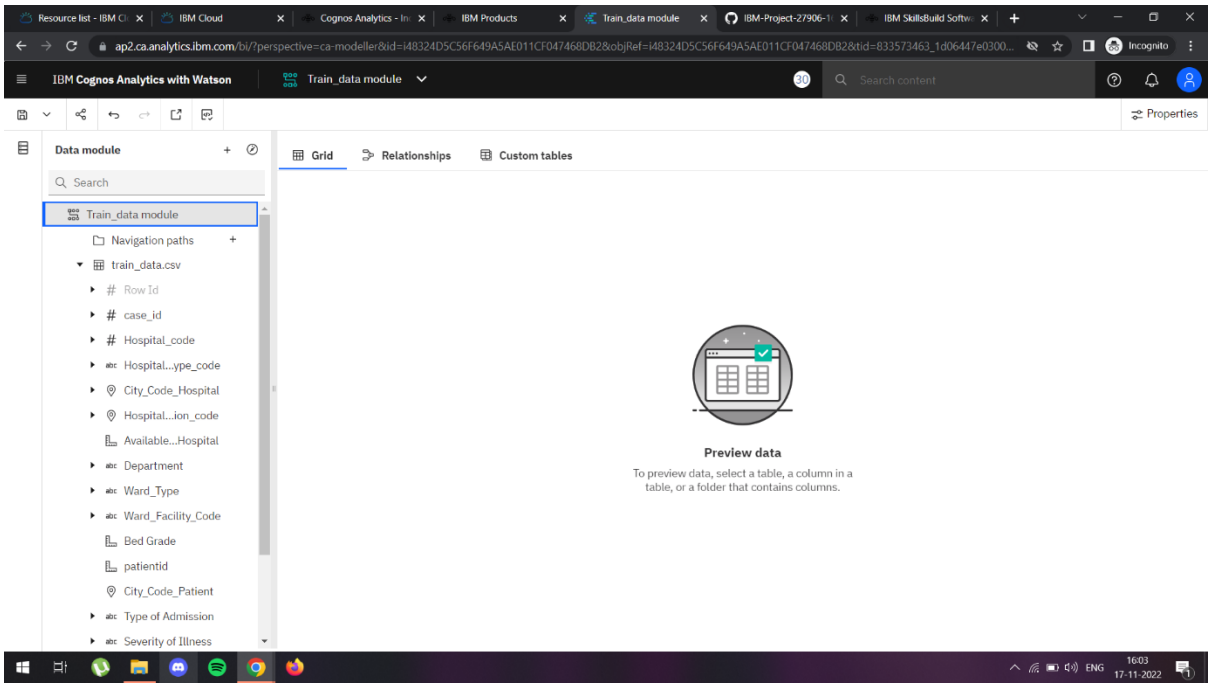
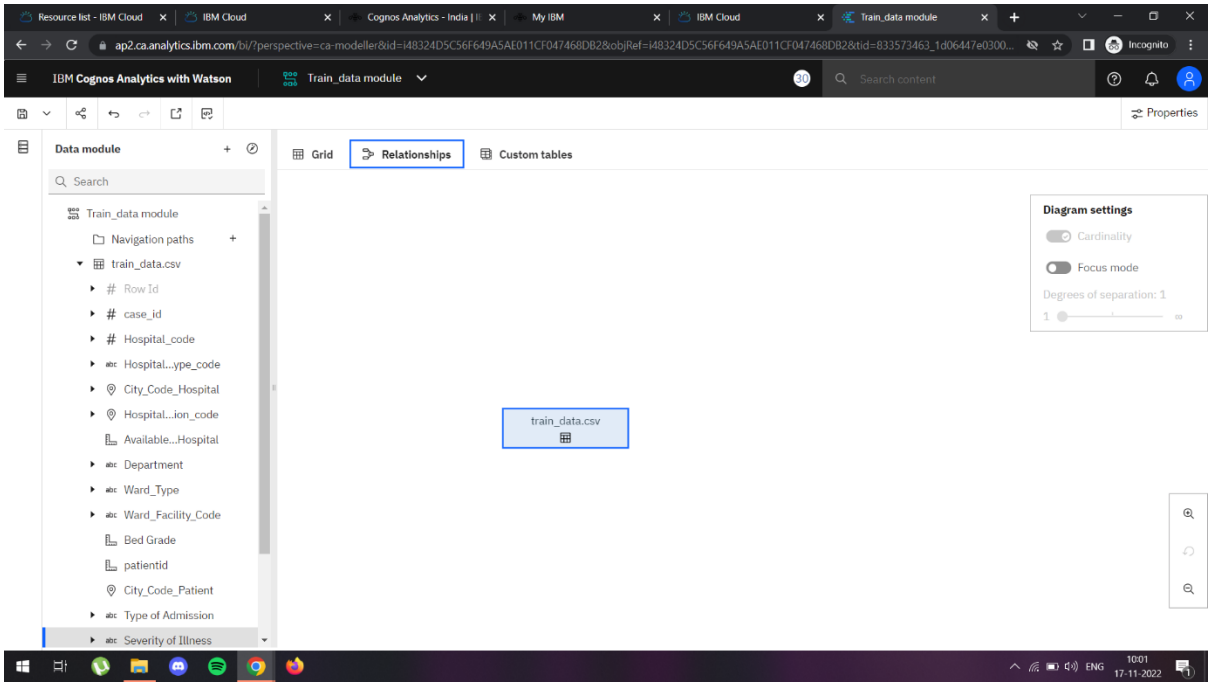
Cancel
Save


Data module
Search
Train_data module
Navigation paths
train_data.csv
Grid
Relationships
Custom tables
Preview data
To preview data, select a table, a column in a table, or a folder that contains columns.


Resource list - IBM Cloud
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Cognos Analytics - India |
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IBM Cloud
Train_data module
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IBM Cognos Analytics with Watson
Train_data module
30
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Available...Hospital
Department
Ward_Type
Ward_Facility_Code
Bed Grade
patientid
City_Code_Patient
Type of Admission
Severity of Illness
Grid
Relationships
Custom tables
Diagram settings
Cardinality
Focus mode
Degrees of separation: 1
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