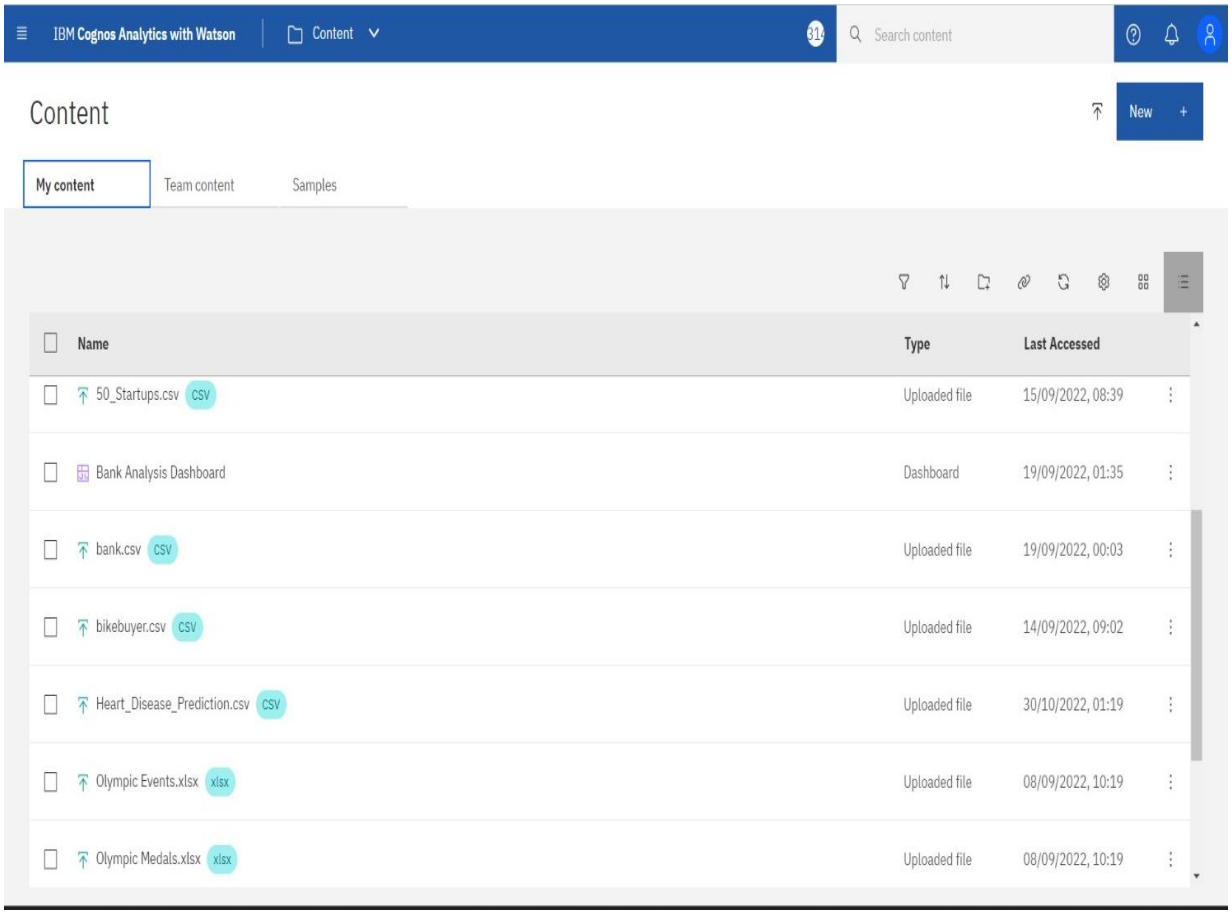
Sprint Delivery Plan I

Date	28 October 2022
Team ID	PPNT2022TMID37670
Project Name	Project - Visualizing and Predicting Heart Diseases with an Interactive Dashboard

Uploading Heart disease Prediction Dataset Using Cognos Analysis:

USN-1:

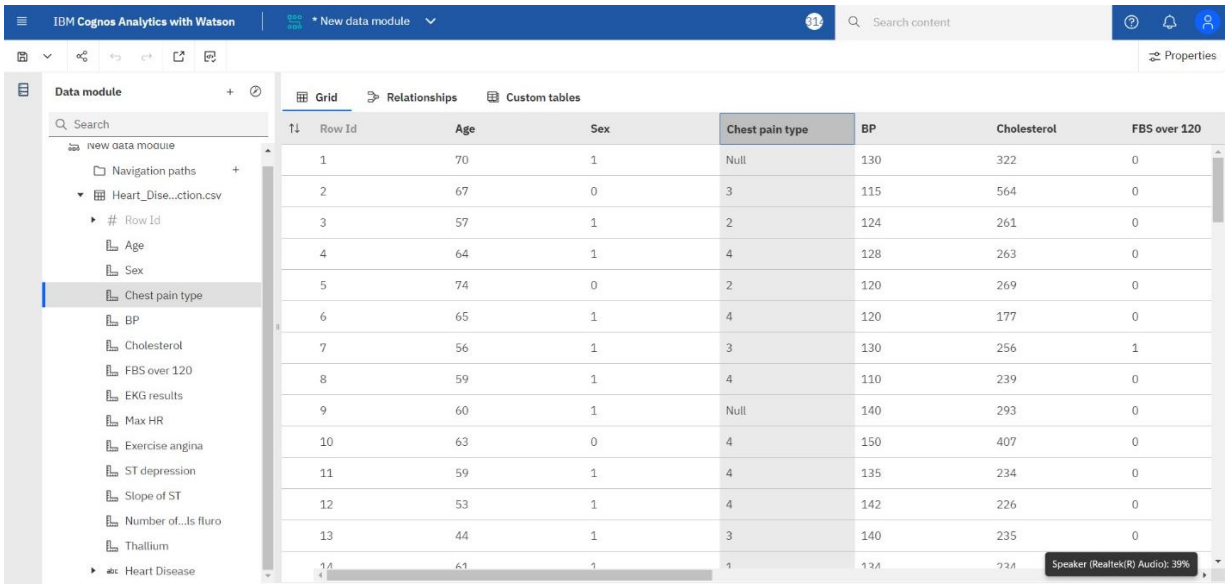
- As a user, I can gather the details of the patients and storing the data set.
- Uploading the dataset of heart_disease_prediction.csv file to IBM Cognos Analytics.

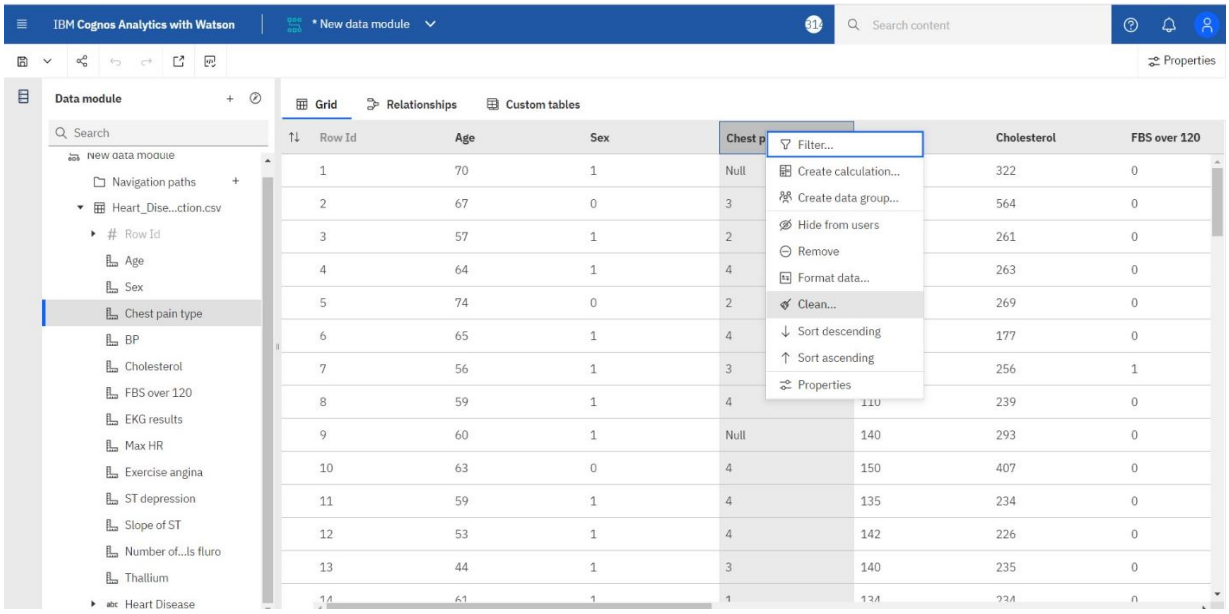


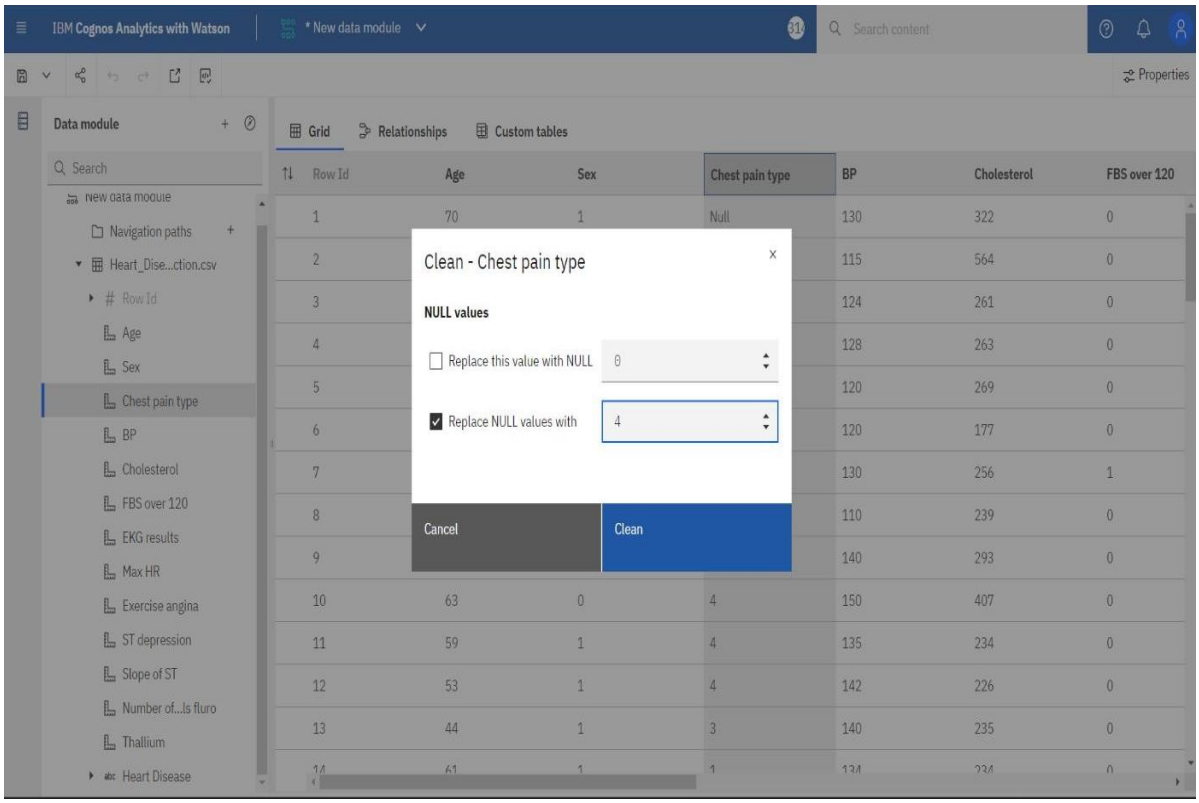
Data Cleaning and Data Processing using Cognos Analytics:

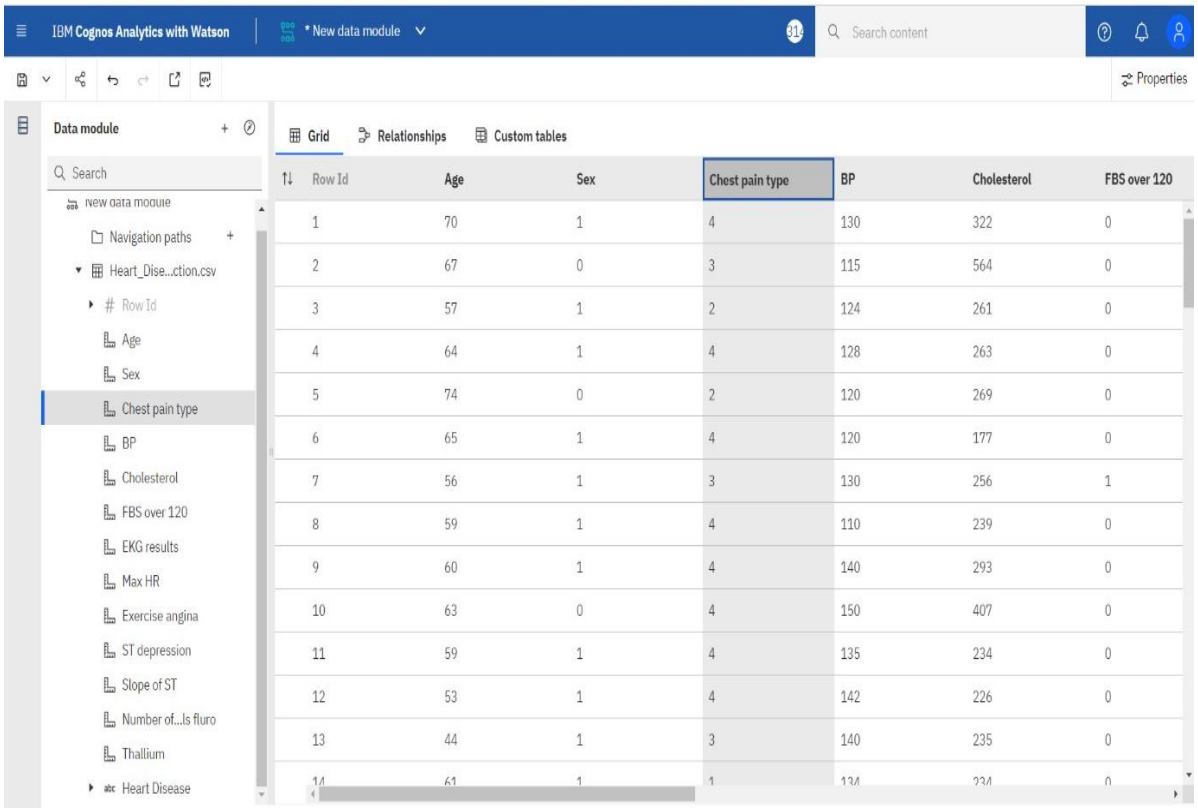
USN-2:

- 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 heart_disease_prediction.csv Dataset.

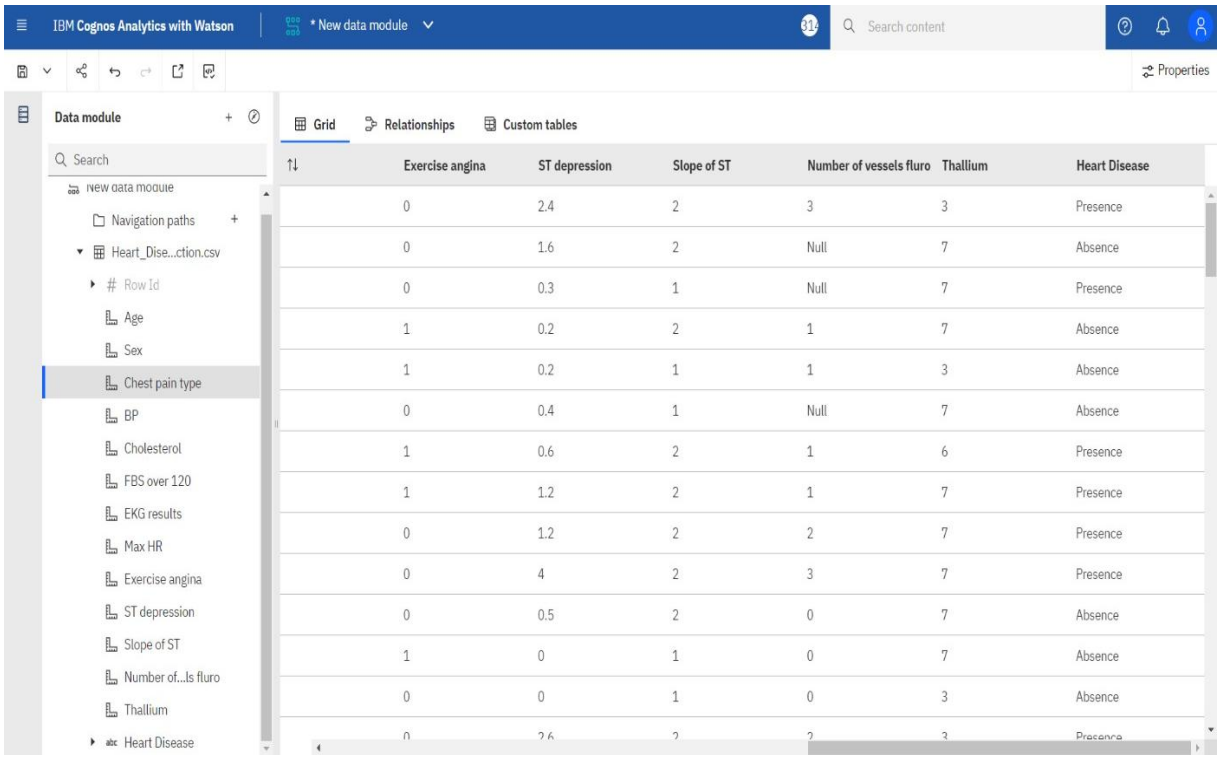




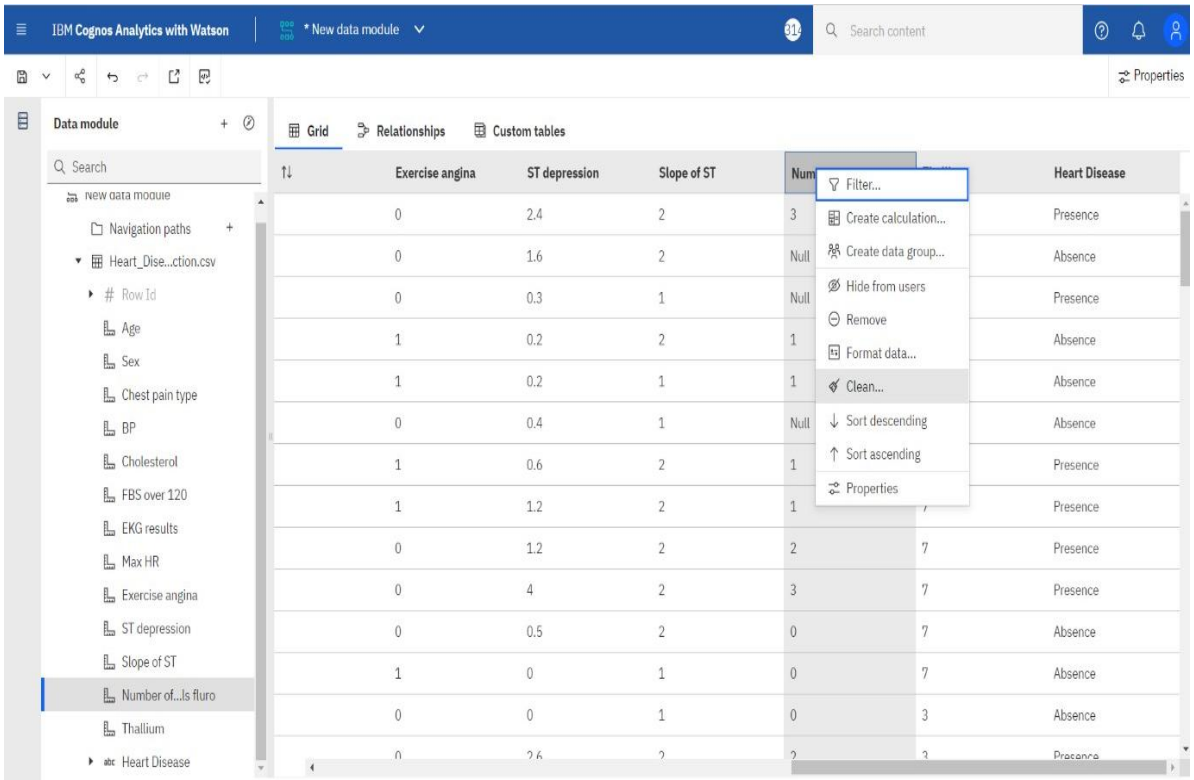




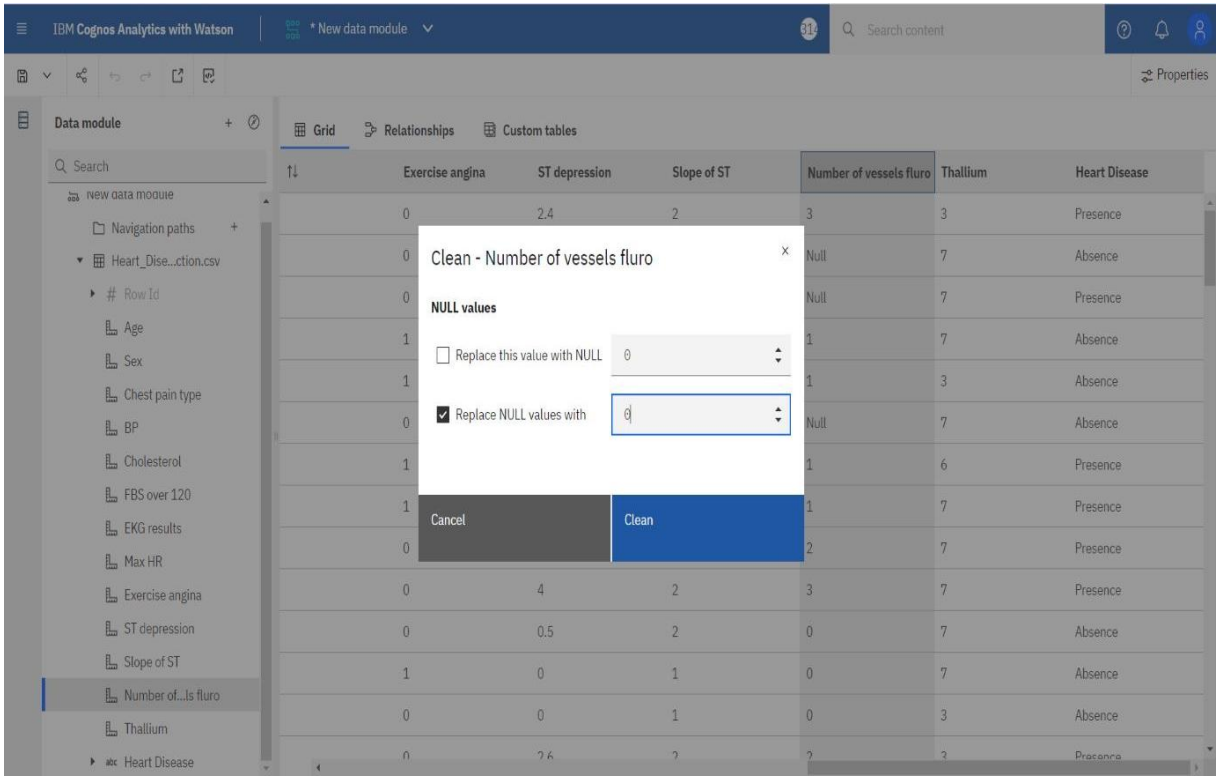
Row Id	Age	Sex	Chest pain type	BP	Cholesterol	FBS over 120
1	70	1	4	130	322	0
2	67	0	3	115	564	0
3	57	1	2	124	261	0
4	64	1	4	128	263	0
5	74	0	2	120	269	0
6	65	1	4	120	177	0
7	56	1	3	130	256	1
8	59	1	4	110	239	0
9	60	1	4	140	293	0
10	63	0	4	150	407	0
11	59	1	4	135	234	0
12	53	1	4	142	226	0
13	44	1	3	140	235	0
14	61	1	1	134	234	0



	Exercise angina	ST depression	Slope of ST	Number of vessels fluro	Thallium	Heart Disease
	0	2.4	2	3	3	Presence
	0	1.6	2	Null	7	Absence
	0	0.3	1	Null	7	Presence
	1	0.2	2	1	7	Absence
	1	0.2	1	1	3	Absence
	0	0.4	1	Null	7	Absence
	1	0.6	2	1	6	Presence
	1	1.2	2	1	7	Presence
	0	1.2	2	2	7	Presence
	0	4	2	3	7	Presence
	0	0.5	2	0	7	Absence
	1	0	1	0	7	Absence
	0	0	1	0	3	Absence
	0	2.6	2	2	3	Presence



	Exercise angina	ST depression	Slope of ST	Num		Heart Disease
	0	2.4	2	3		Presence
	0	1.6	2	Null		Absence
	0	0.3	1	Null		Presence
	1	0.2	2	1		Absence
	1	0.2	1	1		Absence
	0	0.4	1	Null		Absence
	1	0.6	2	1		Presence
	1	1.2	2	1		Presence
	0	1.2	2	2	7	Presence
	0	4	2	3	7	Presence
	0	0.5	2	0	7	Absence
	1	0	1	0	7	Absence
	0	0	1	0	3	Absence
	0	2.6	2	2	3	Presence


IBM Cognos Analytics with Watson
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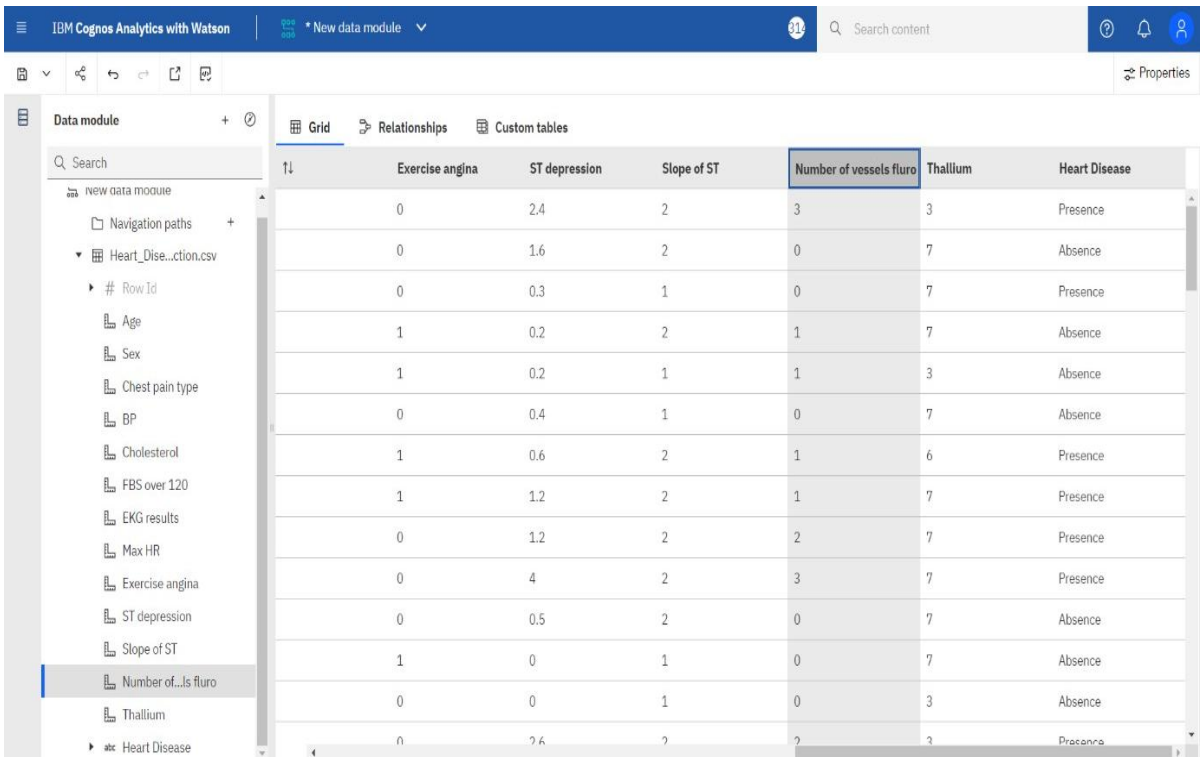
Search content
Properties
Data module
Search
Grid
Relationships
Custom tables
Navigation paths
Heart_Dise...ction.csv
Row Id
Age
Sex
Chest pain type
BP
Cholesterol
FBS over 120
EKG results
Max HR
Exercise angina
ST depression
Slope of ST
Number of...ls fluro
Thallium
Heart Disease
Exercise angina
ST depression
Slope of ST
Number of vessels fluro
Thallium
Heart Disease
Clean - Number of vessels fluro
NULL values
Replace this value with NULL
Replace NULL values with
Cancel
Clean


IBM Cognos Analytics with Watson
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Relationships
Custom tables
Navigation paths
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Chest pain type
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Exercise angina
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ST depression
Slope of ST
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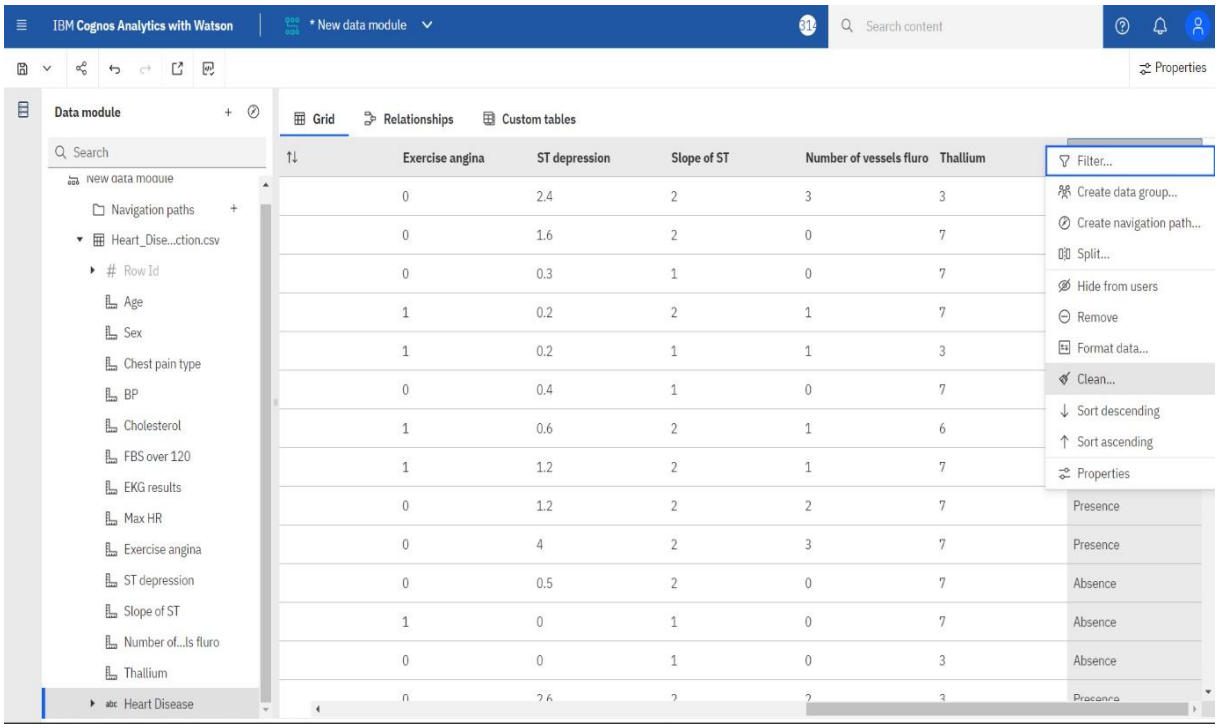
Thallium
Heart Disease


IBM Cognos Analytics with Watson
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Exercise angina
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Slope of ST
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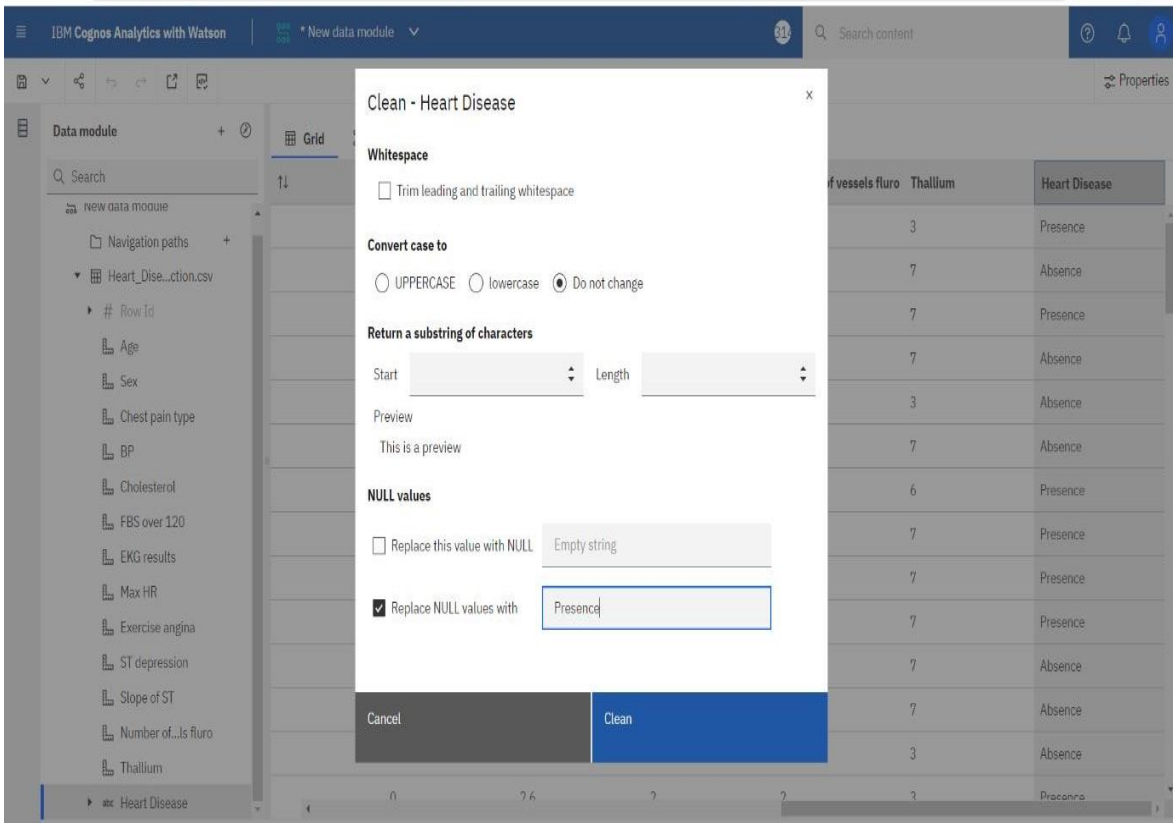
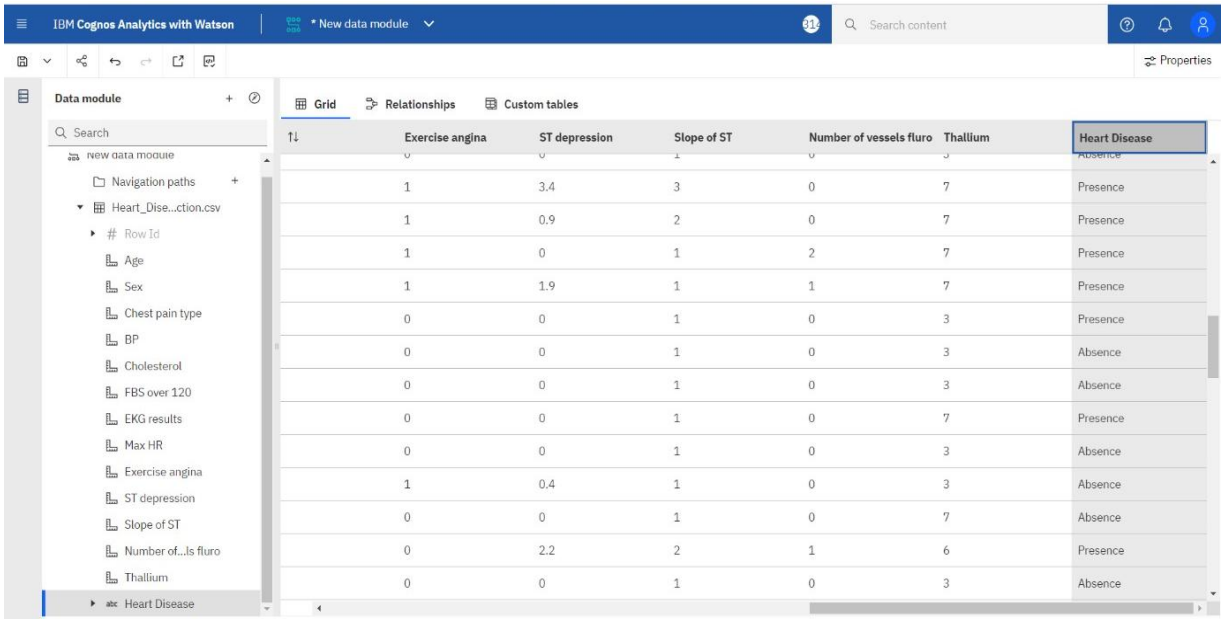
Heart Disease
Grid
Relationships
Custom tables
Exercise angina
ST depression
Slope of ST
Number of vessels fluro
Thallium
Filter...
Create data group...
Create navigation path...
Split...
Hide from users
Remove
Format data...
Clean...
Sort descending
Sort ascending
Properties
Presence
Absence

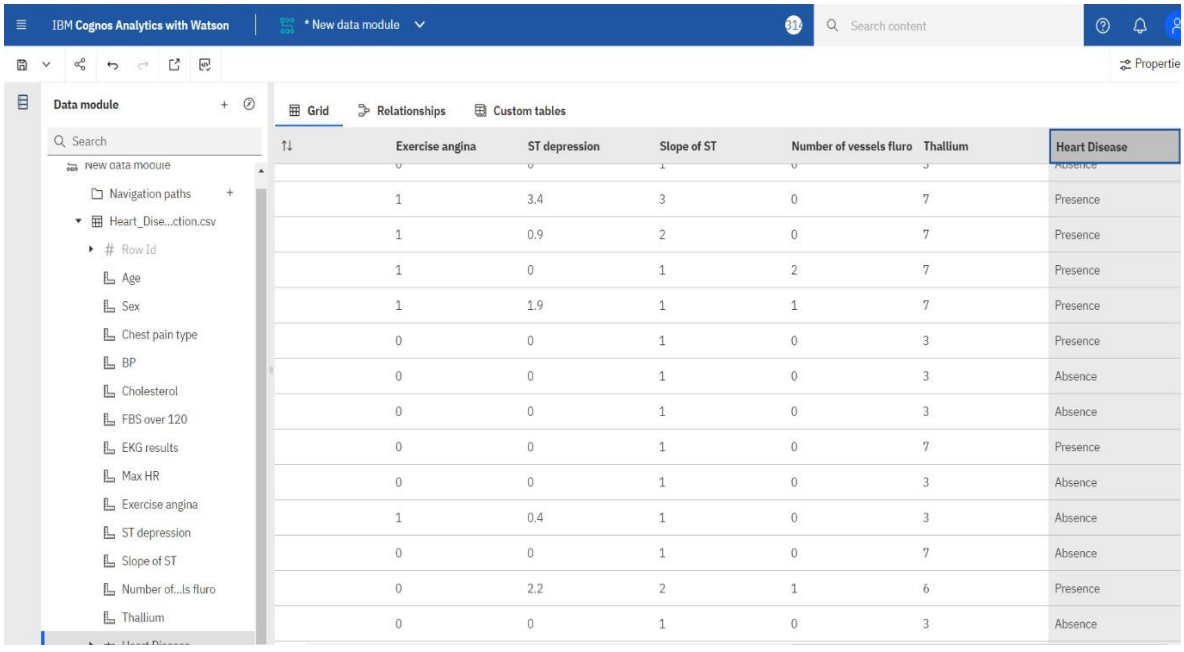

IBM Cognos Analytics with Watson
* New data module
Search content
Properties
Data module
Grid
Clean - Heart Disease
Whitespace
Trim leading and trailing whitespace
Convert case to
UPPERCASE
lowercase
Do not change
Return a substring of characters
Start
Length
Preview
This is a preview
NULL values
Replace this value with NULL
Empty string
Replace NULL values with
Presence
Cancel
Clean
Heart Disease
Presence
Absence

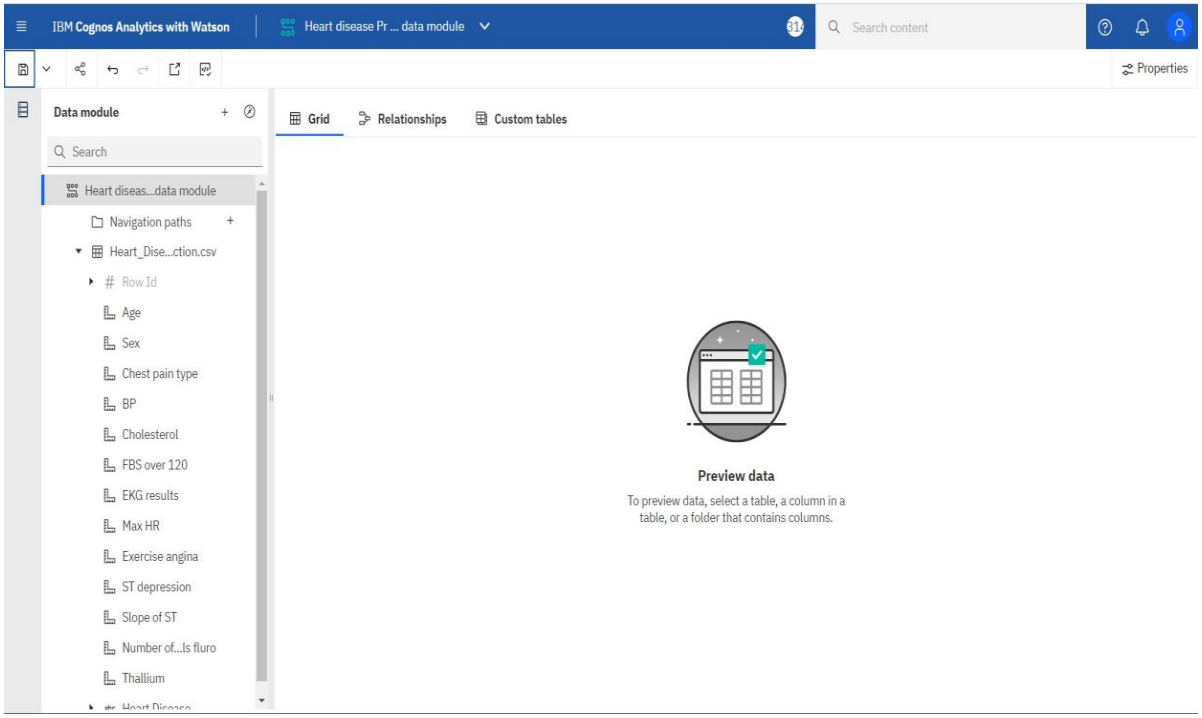


Creating The Data Module using Cognos Analytics:

USN-3:

- As an Analyst I will also correct the raw data and create a data module.
- I will Create the data module using heart_disease_prediction.csv Dataset.




IBM Cognos Analytics with Watson
Heart disease Pr ... data module
Search content
Properties
Data module
Search
Heart diseas...data module
Navigation paths
Heart_Dise...ction.csv
Row Id
Age
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Chest pain type
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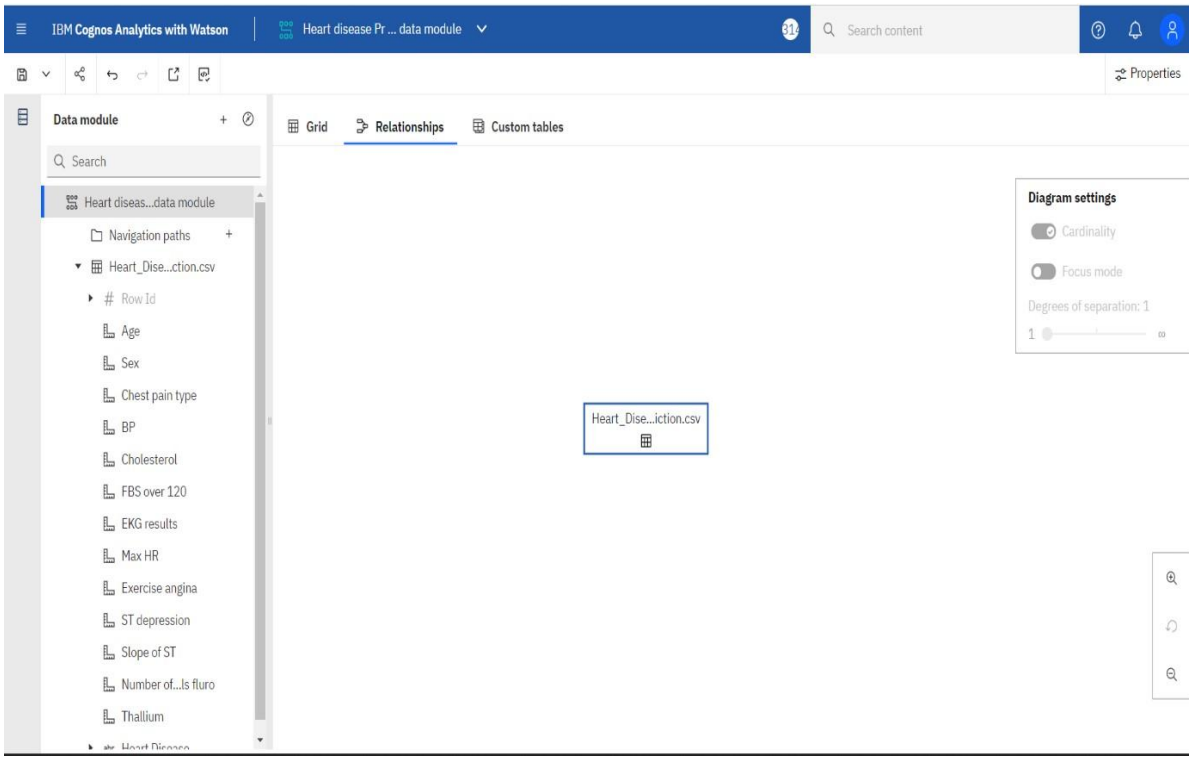
Cholesterol
FBS over 120
EKG results
Max HR
Exercise angina
ST depression
Slope of ST
Number of...ls fluro
Thallium
Grid
Relationships
Custom tables
Preview data
To preview data, select a table, a column in a table, or a folder that contains columns.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ST depression
Slope of ST
Number of...ls fluro
Thallium
Grid
Relationships
Custom tables
Diagram settings
Cardinality
Focus mode
Degrees of separation: 1
1
Heart_Dise...iction.csv