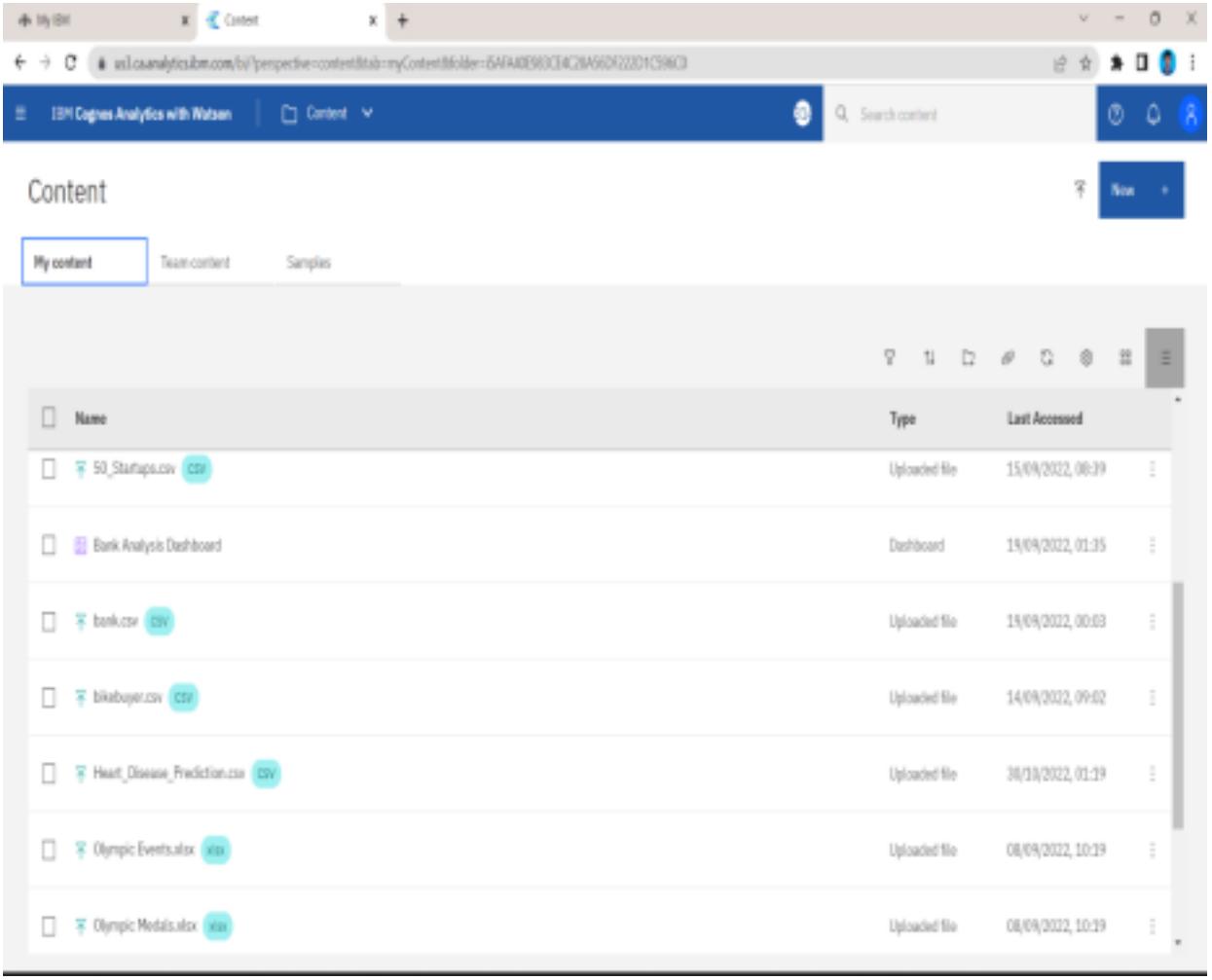
Sprint Delivery Plan I

Date	28 October 2022
Team ID	PPNT2022TMID15823
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.

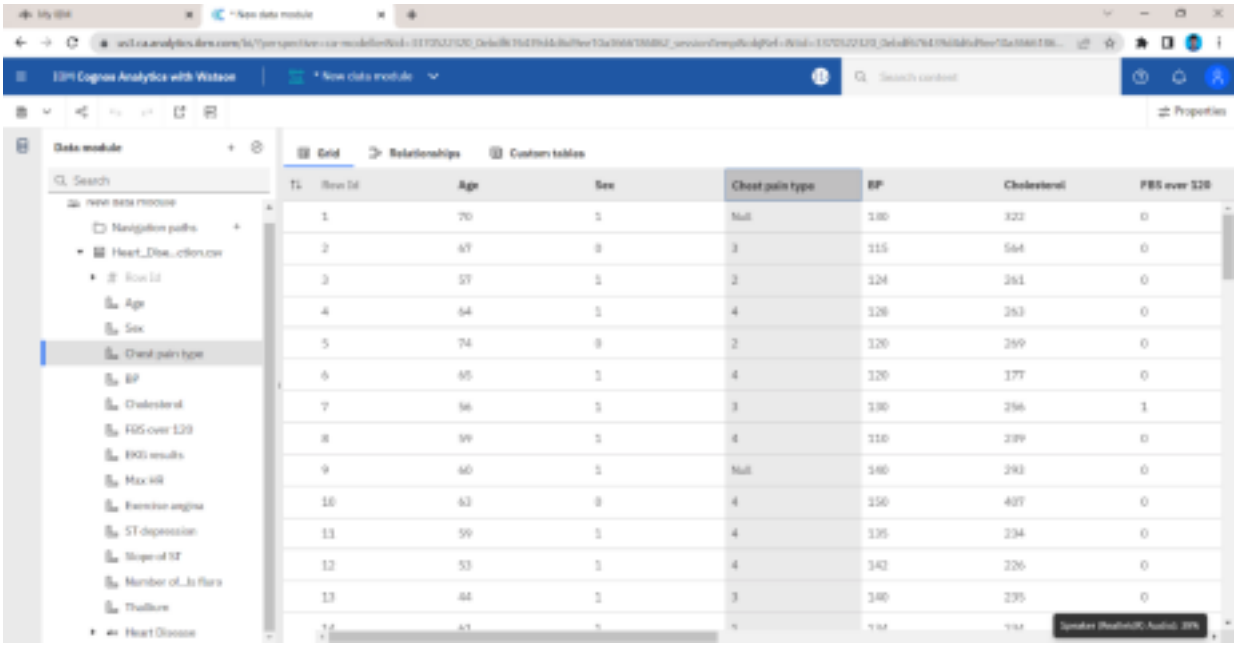


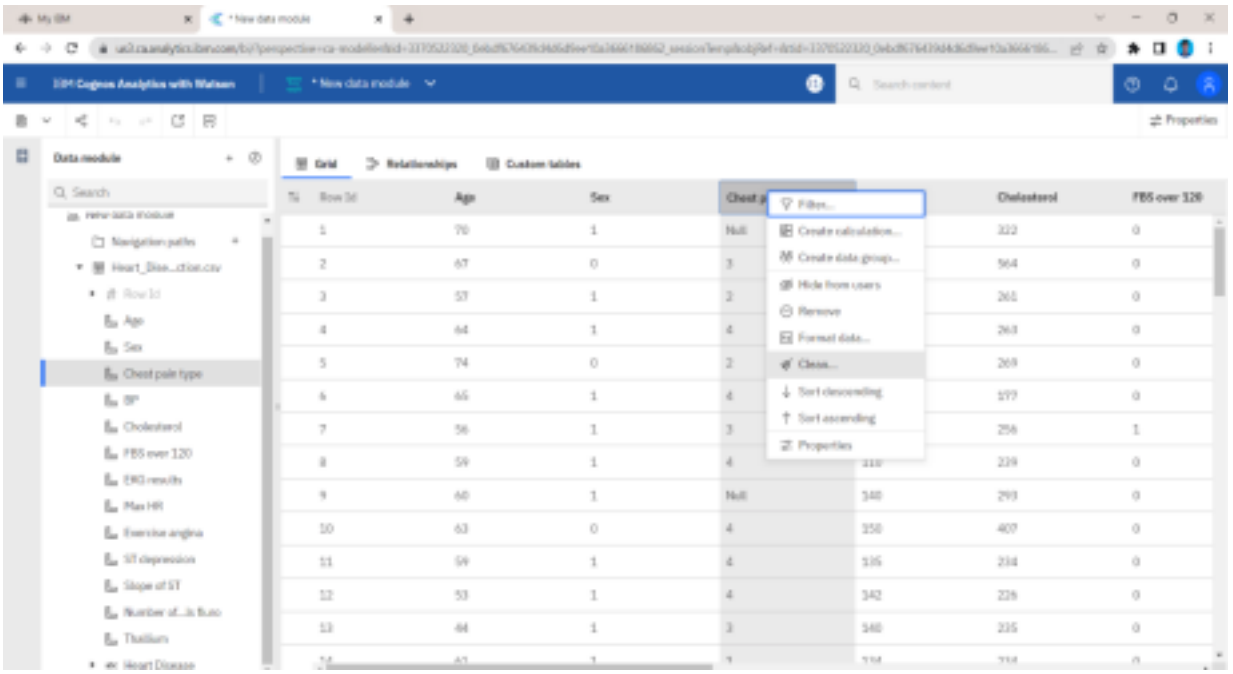
Data Cleaning and Data Processing using Cognos Analytics:

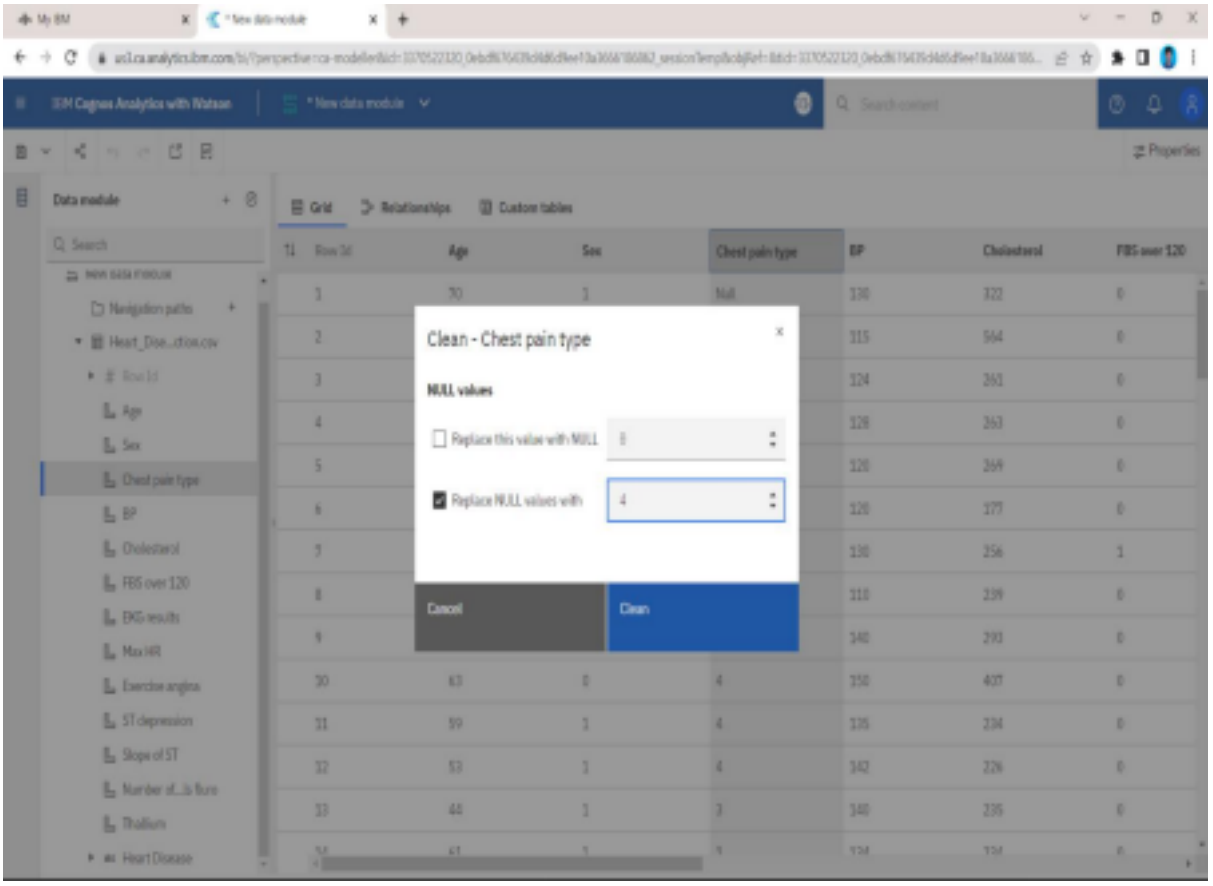
USN-2:

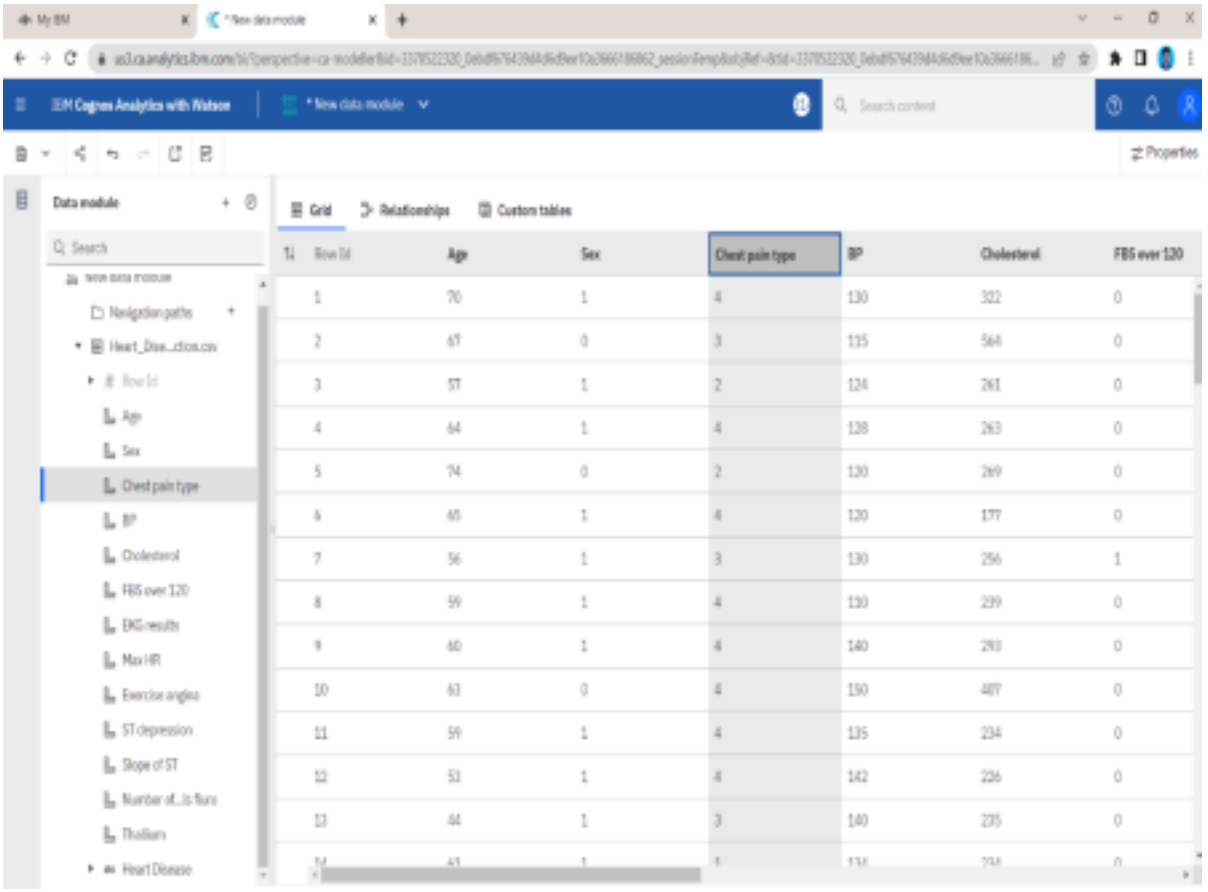
• As an Analyst, I will check the data set and clean the dataset to create an efficient model.

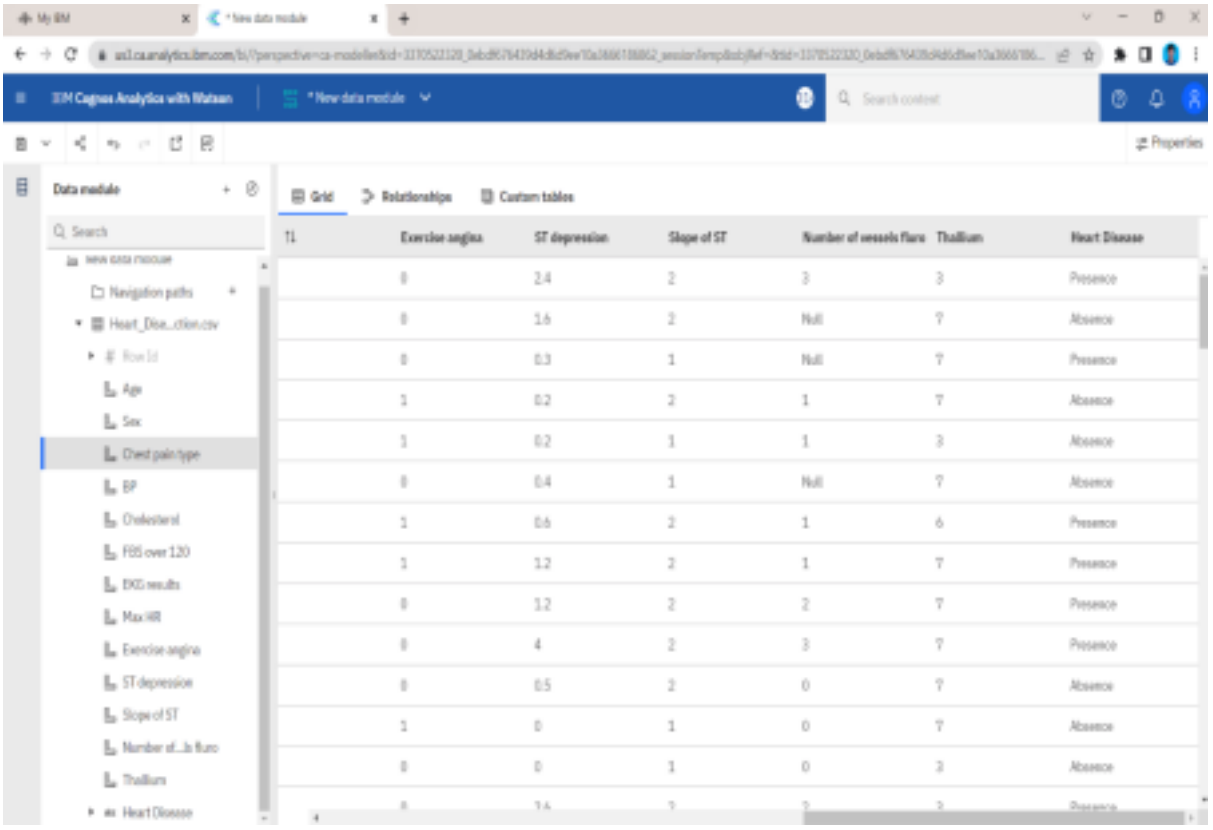
• To Data cleaning the null values in heart_disease_prediction.csv Dataset.

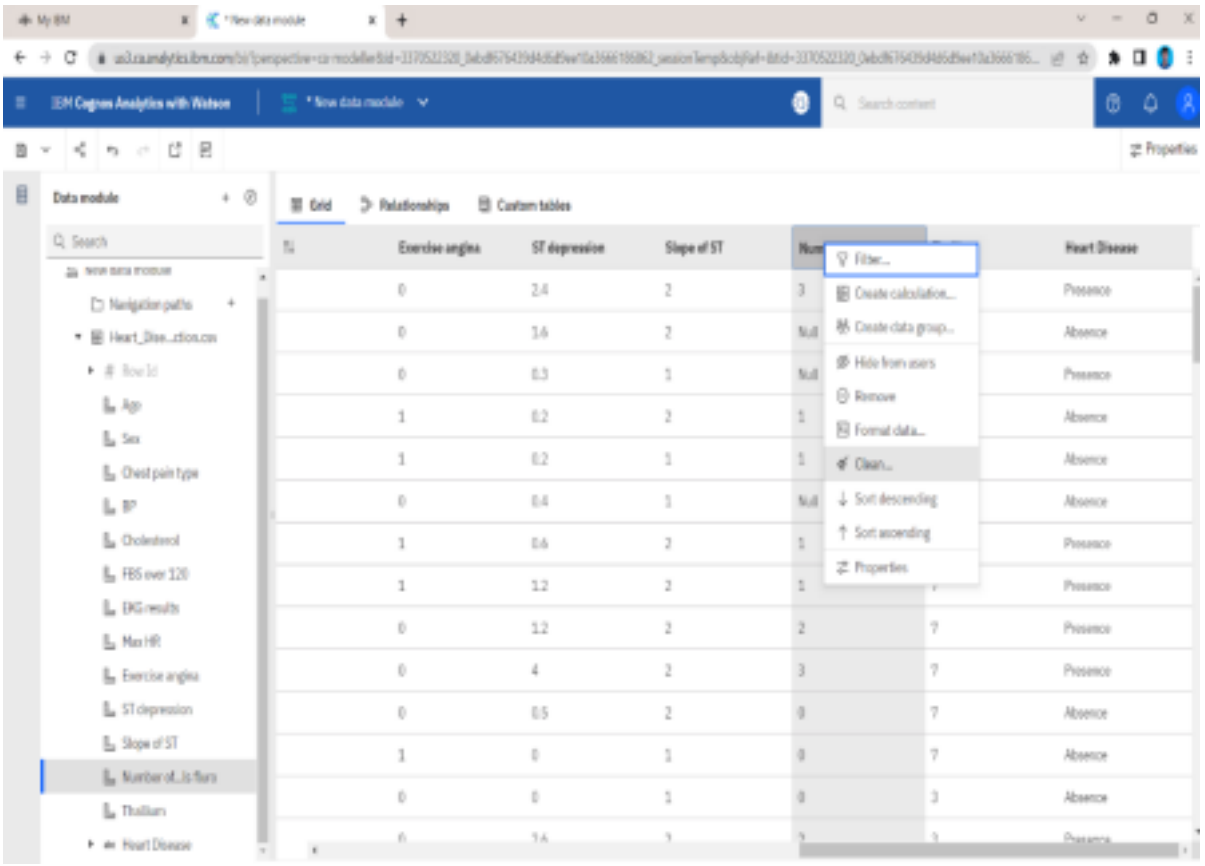


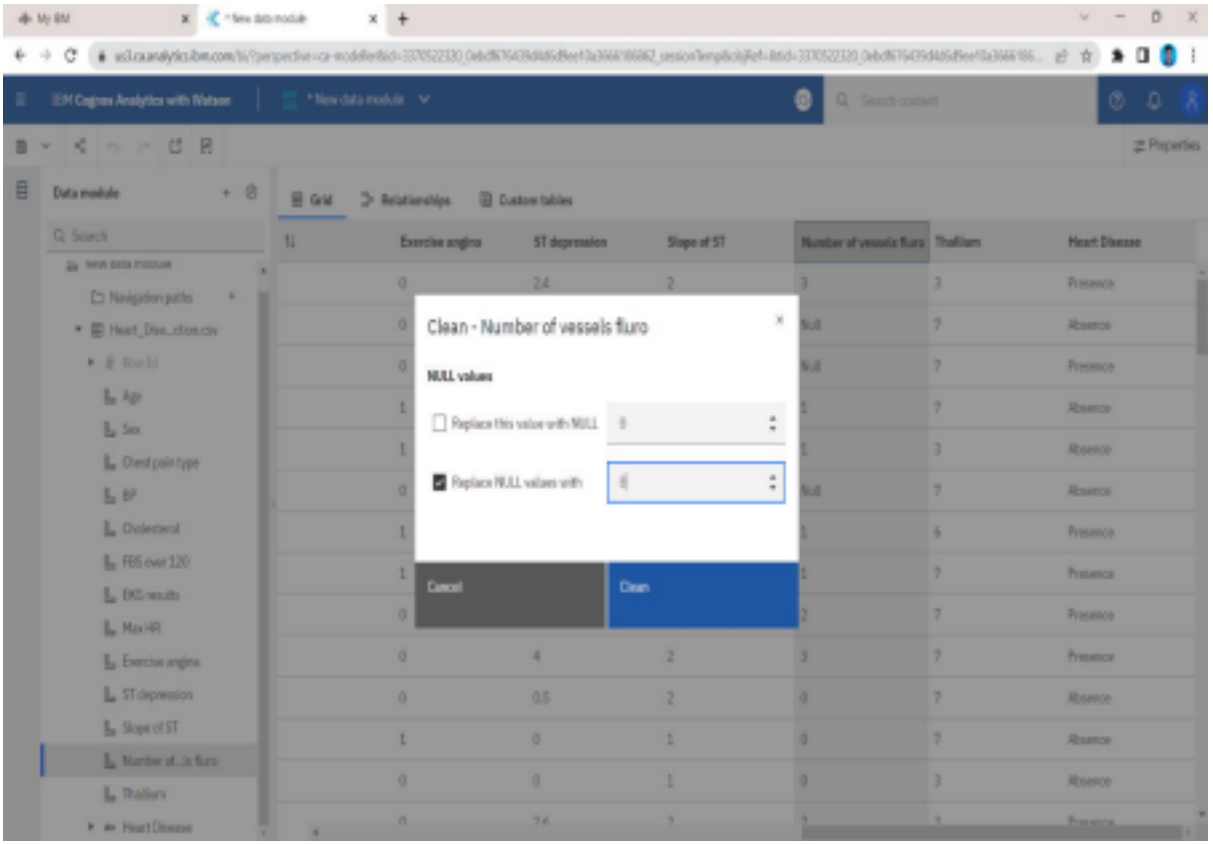


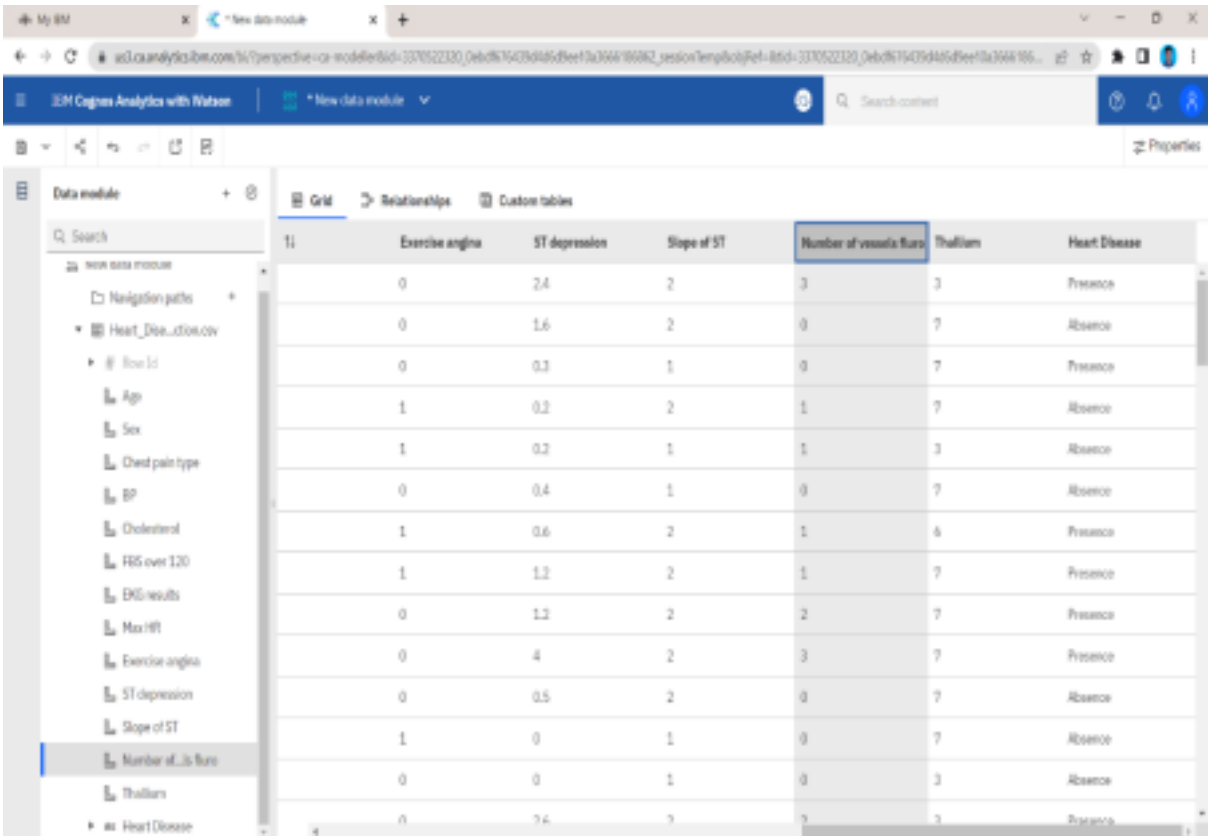

Clean - Chest pain type
NULL values
Replace this value with NULL
Replace NULL values with
4
Cancel
Clean

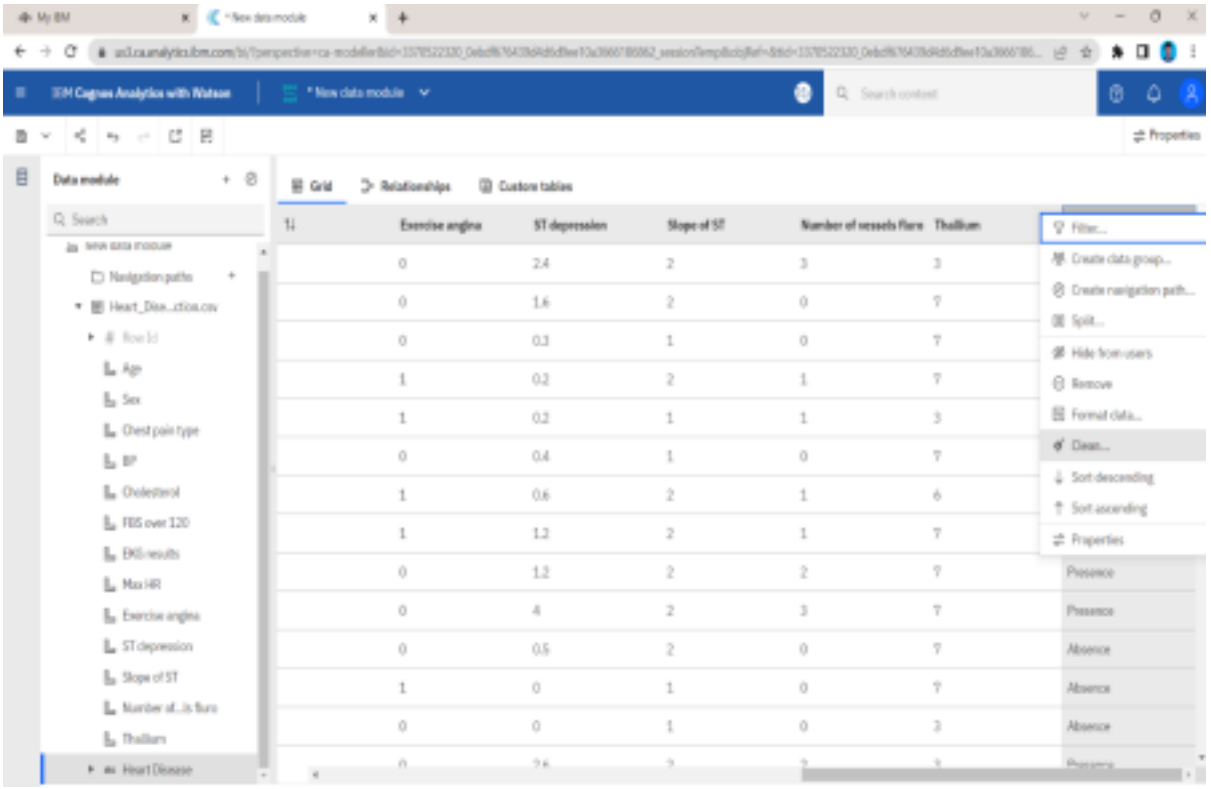


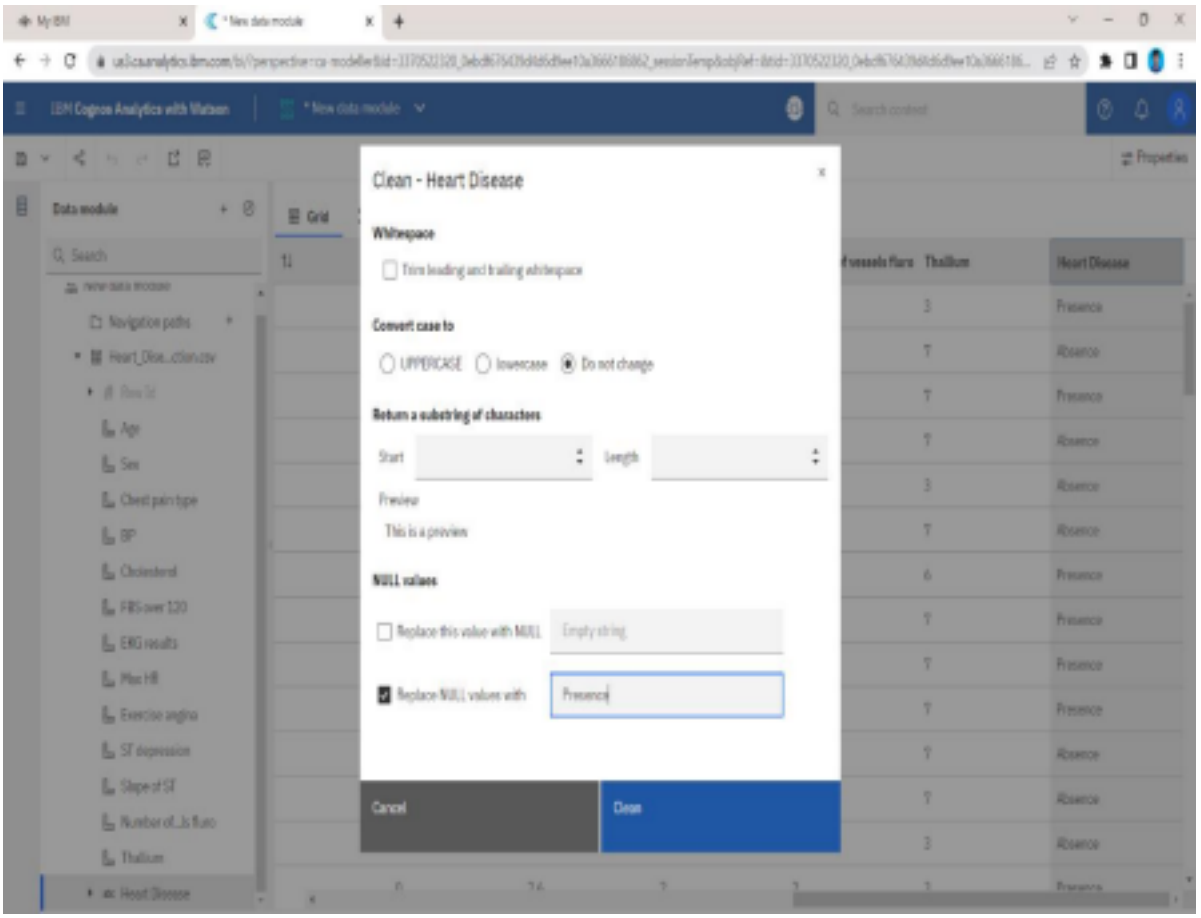

IBM Cognos Analytics with Watson
* New data module
Data module
Grid
Relationships
Custom tables
Properties
Exercise angina
ST depression
Slope of ST
Number of vessels flure
Thallium
Heart Disease
Chest pain type
BP
Cholesterol
FBS over 120
EKG results
Max HR
Age
Sex

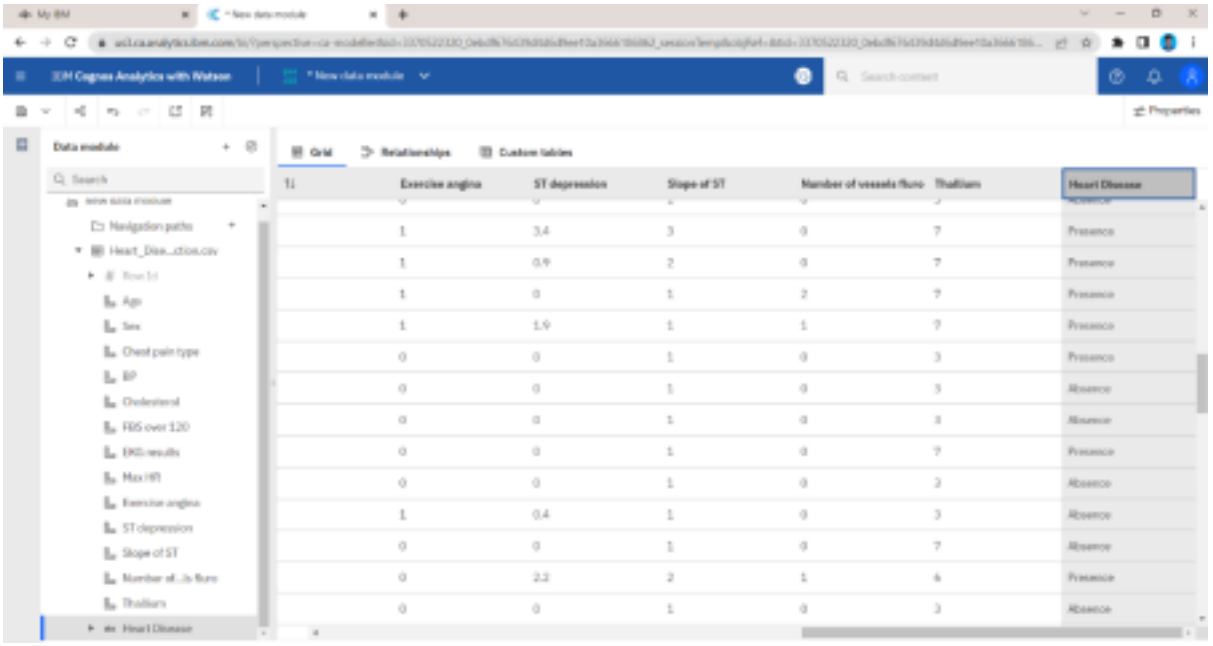

IBM Cognos Analytics with Watson
* New data module
Data module
Grid
Relationships
Custom tables
Properties
Exercise angina
ST depression
Slope of ST
Heart Disease
Filter...
Create calculation...
Create data group...
Hide from users
Remove
Format data...
Clean...
Sort descending
Sort ascending
Properties


Clean - Number of vessels fluro
NULL values
Replace this value with NULL
Replace NULL values with
Cancel
Clean




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

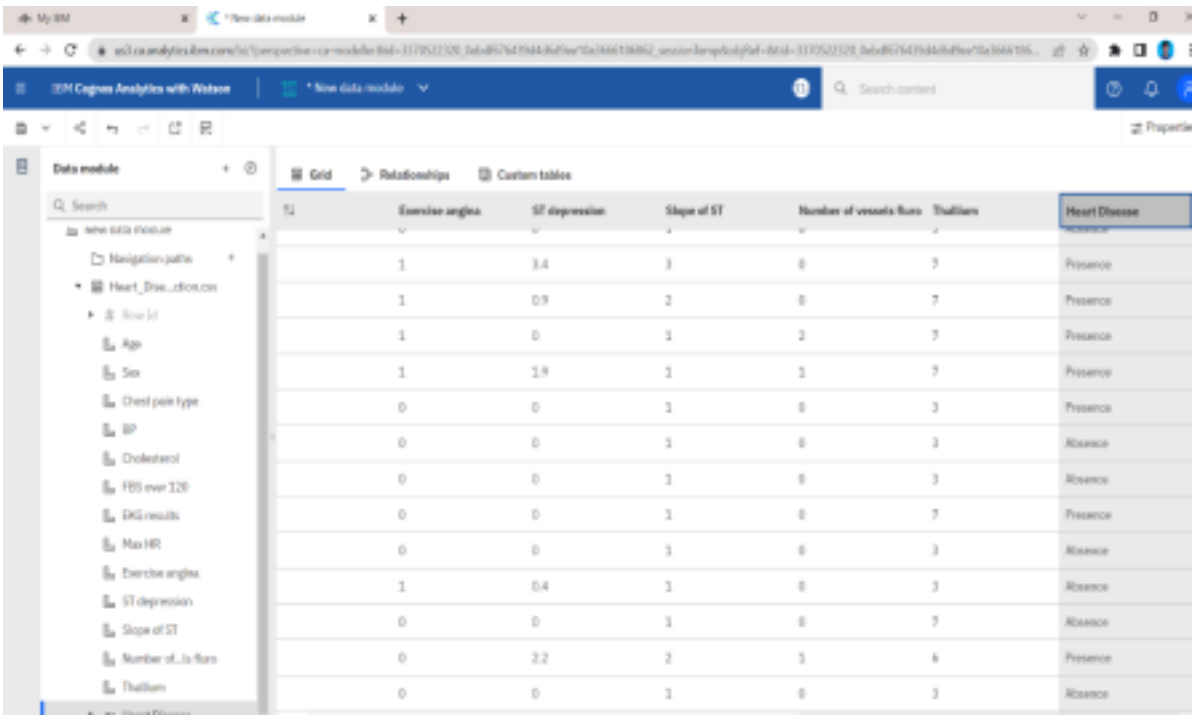

Clean - Heart Disease
Whitespace
Trim leading and trailing whitespace
Convert case to
UPPERCASE
lowercase
Do not change
Return a substring of characters
Start
Length
Preview
This is a preview
NULL values
Replace this value with NULL
Empty string
Replace NULL values with
Presence
Cancel
Clean

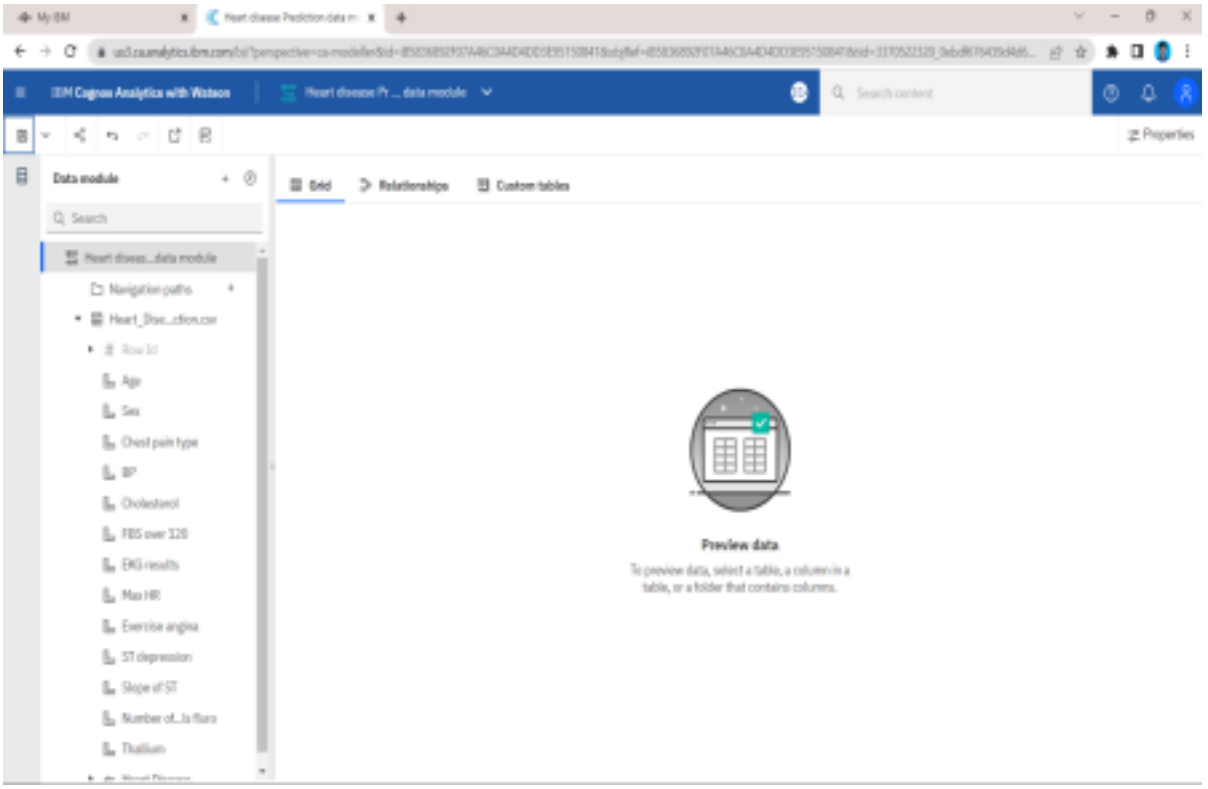


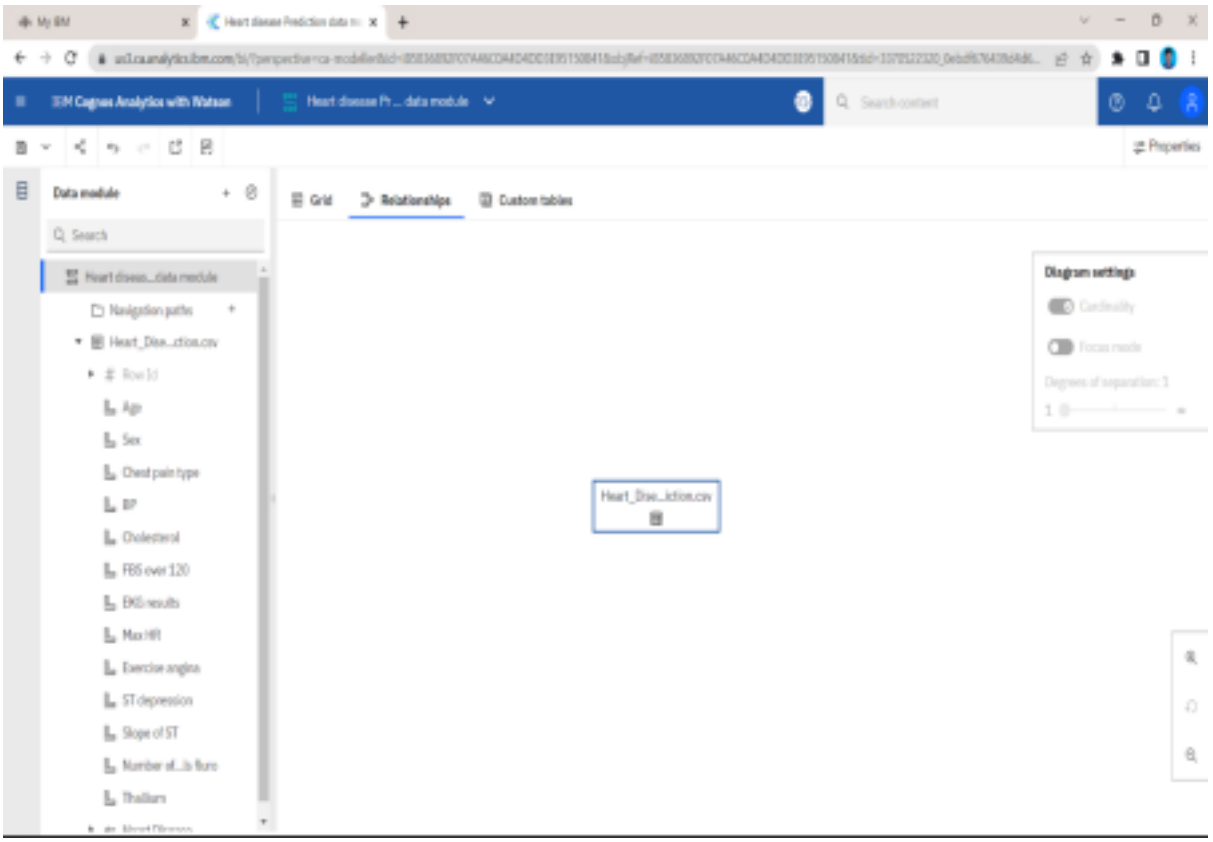
Creating The Data Module using Cognos Analytics:

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
Data module
Search
Grid
Relationships
Custom tables
Properties
Preview data
To preview data, select a table, a column in a table, or a folder that contains columns.


IBM Cognos Analytics with Watson
Data module
Search
Grid
Relationships
Custom tables
Properties
Diagram settings
Heart_Dise...iction.csv