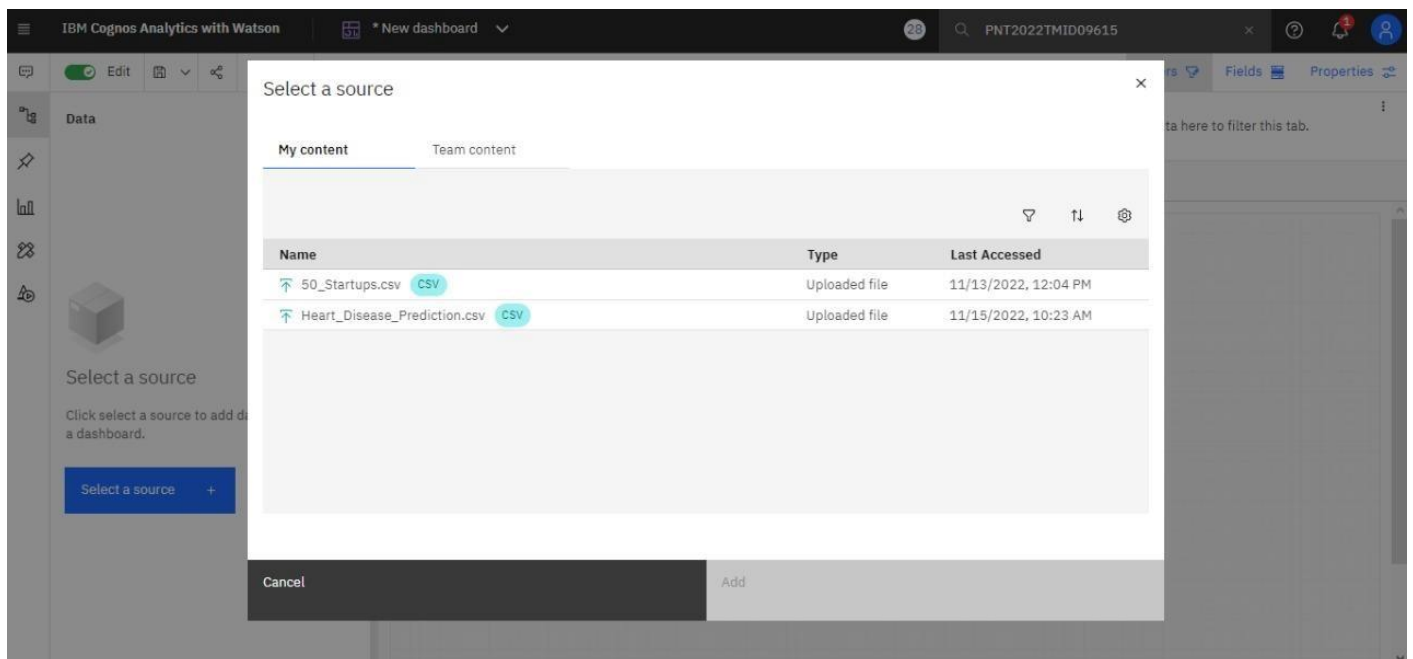


Sprint 1

Date	15 November 2022
Team ID	PNT2022TMID40157
Project Name	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 store the data set.
- Uploading the dataset of heart_disease_prediction.csv file to IBM Cognos Analytic



Data Cleaning and Data Processing using Cognos Analytics: USN-2:

IBM Cognos Analytics with Watson

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PNT2022TMID09615

Properties

Data module

Grid Relationships Custom tables

Search

New data module

Heart_...n.csv

Row Id

Age

Sex

Chest pain type

BP

Cholesterol

FBS over 120

Clean - Chest pain type

NULL values

☐ Replace this value with NULL

☒ Replace NULL values with

0

4

Cancel

Clean

Row Id	Age	Sex	Chest pain type	BP	Cholesterol	FBS over 120
1				130	322	0
2				115	564	0
3				124	261	0
4				128	263	0
5				120	269	0
6				120	177	0
7				130	256	1
8				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

IBM Cognos Analytics with Watson

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PNT2022TMID09615

Properties

Data module

Grid Relationships Custom tables

Search

New data module

Heart_...n.csv

Row Id

Age

Sex

Chest pain type

BP

Cholesterol

FBS over 120

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

Data module

+ ?

Search

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 fluoro

Thallium

abtc Heart Disease

Grid

Relationships

Custom tables

↑↓	Exercise angina	ST depression	Slope of ST	Number of vessels fluoro	Thallium	Heart Disease
0	2.4	2	3	3	Presence	
0	1.6	2	0	7	Absence	
0	0.3	1	0	7	Presence	
1	0.2	2	1	7	Absence	
1	0.2	1	1	3	Absence	
0	0.4	1	0	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	