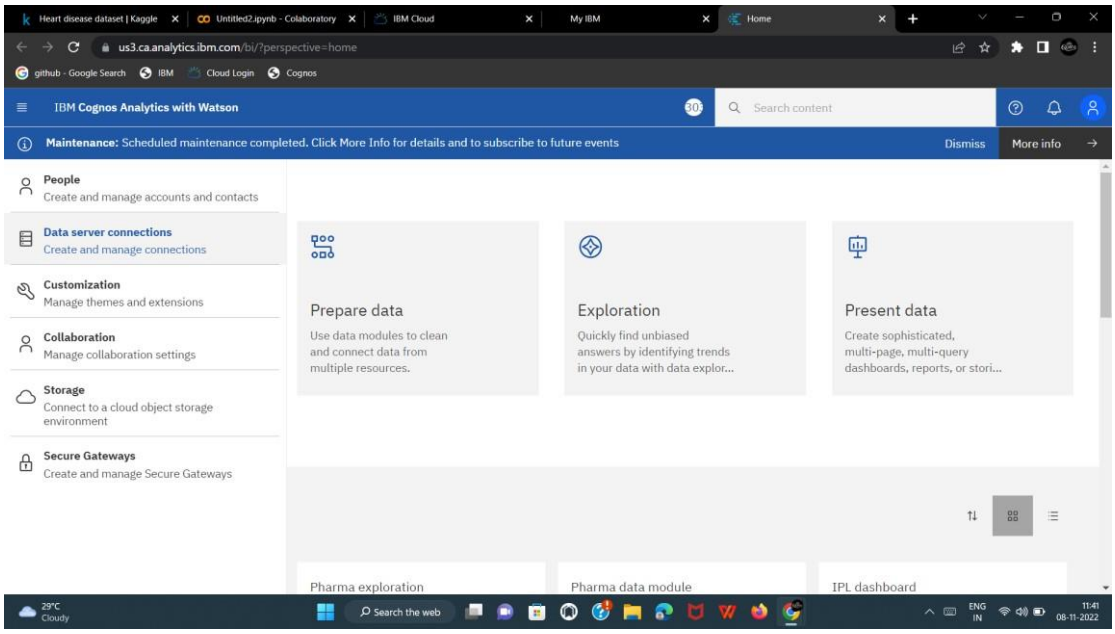
PROJECT DEVELOPMENT PHASE

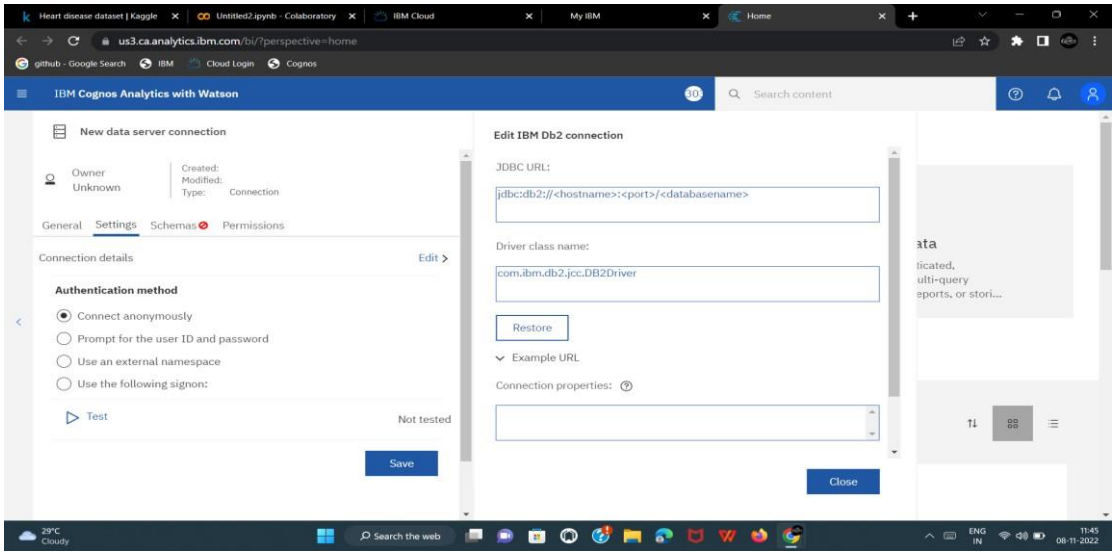
Delivery of Sprint - 1

Team ID	PNT2022TMID10901
Project Name	VISUALIZING AND PREDICTING HEART DISEASE WITH AN INTERACTIVE DASH BOARD.

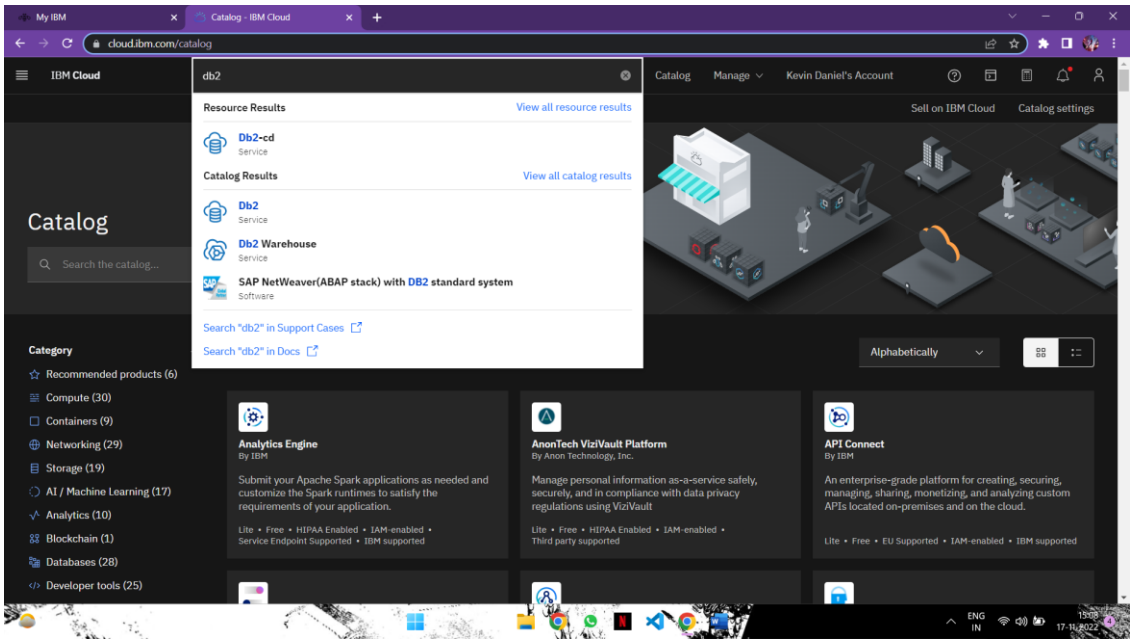
IBM DB2 service creation and DB2 connectivity with cognos:
Step 1: In cognos we have to perform data server connections.



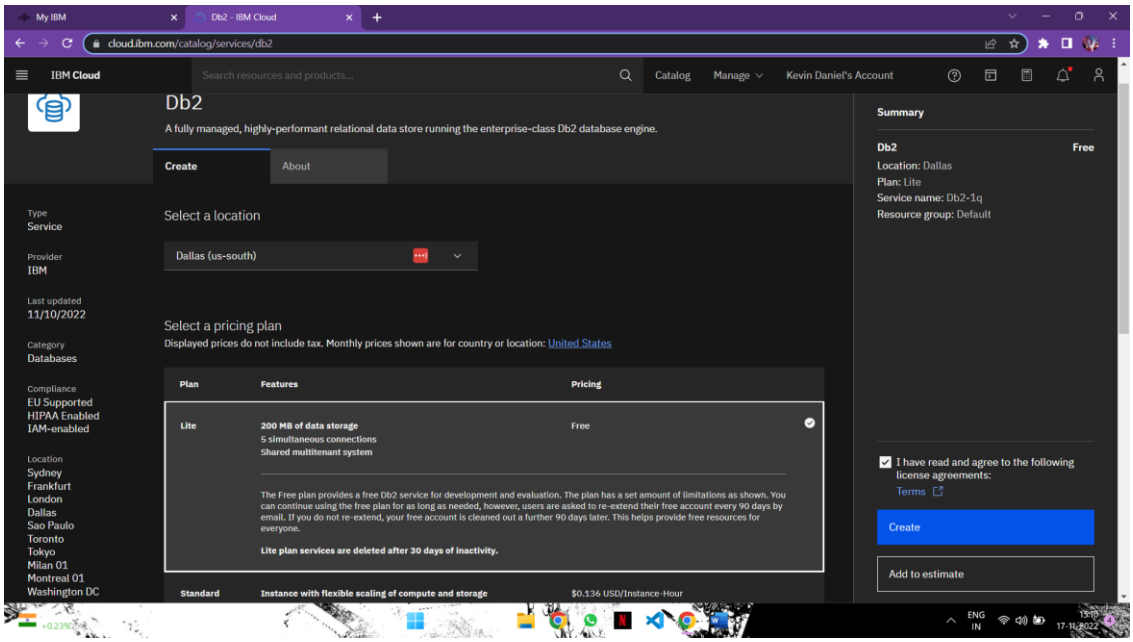
STEP 2: Connection of New Data Server



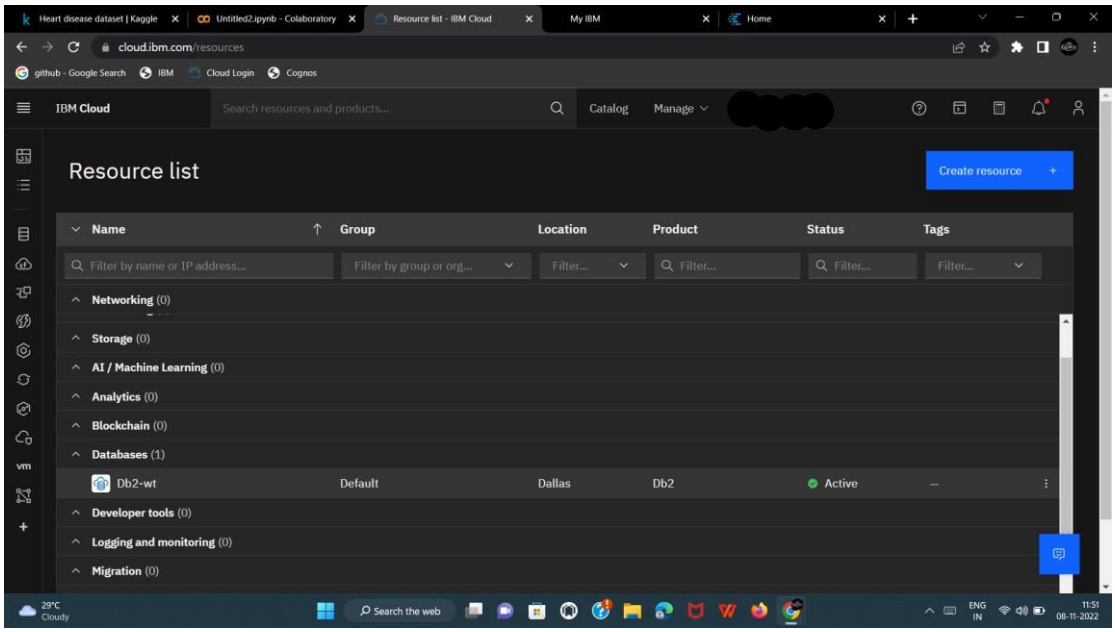
STEP 3: In IBM cloud go to catalog and search for db2.



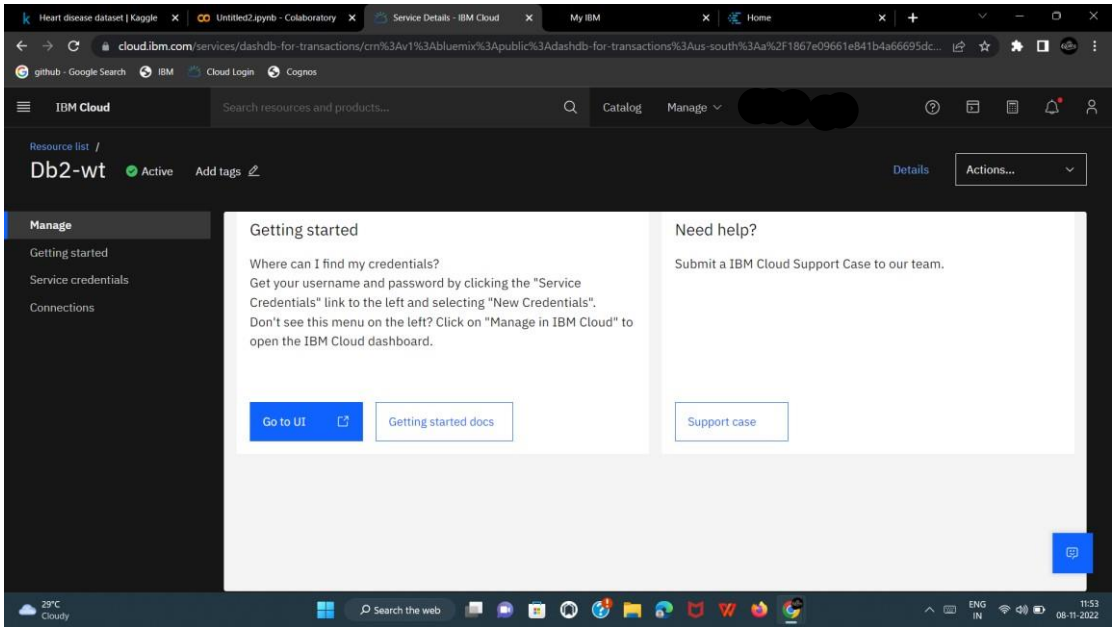
STEP 4: Create a new db2 connection.



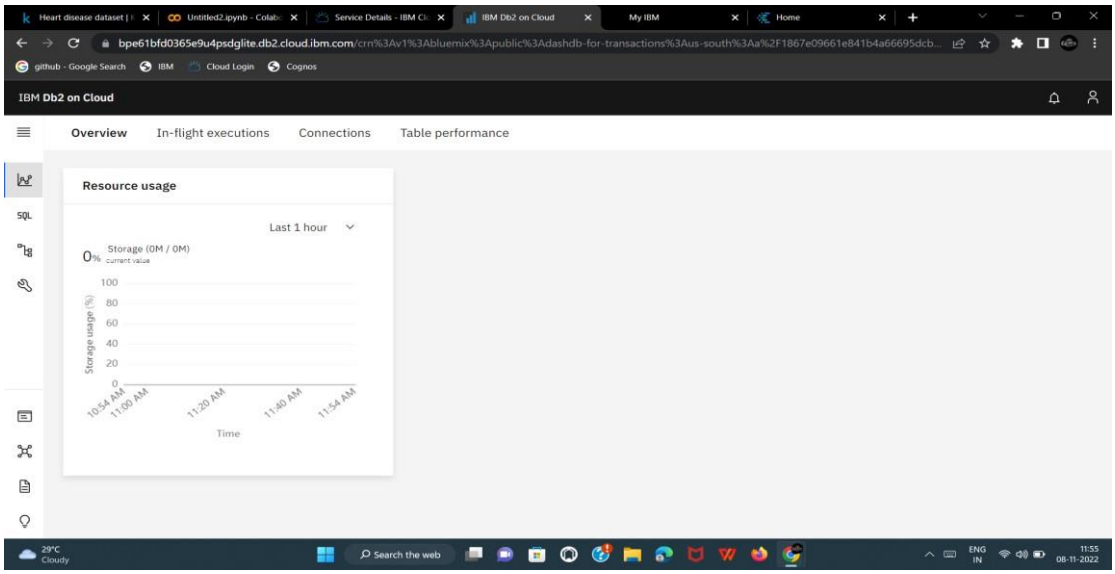
STEP 5: From the resource list select database as Db2.



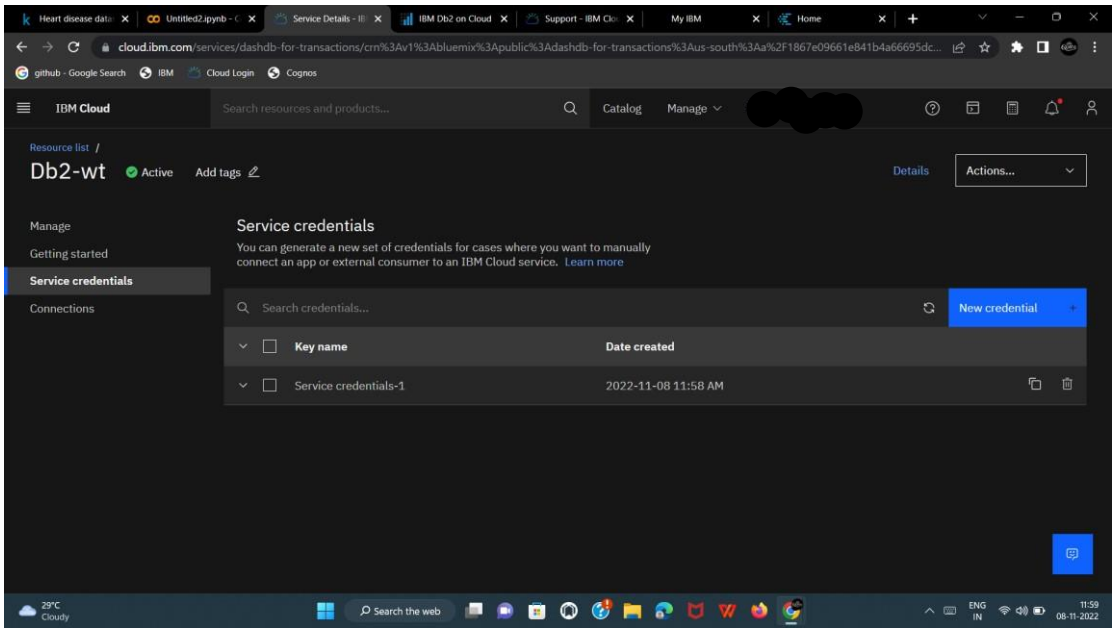
STEP 6: Click on Go to UI to know resource usage.



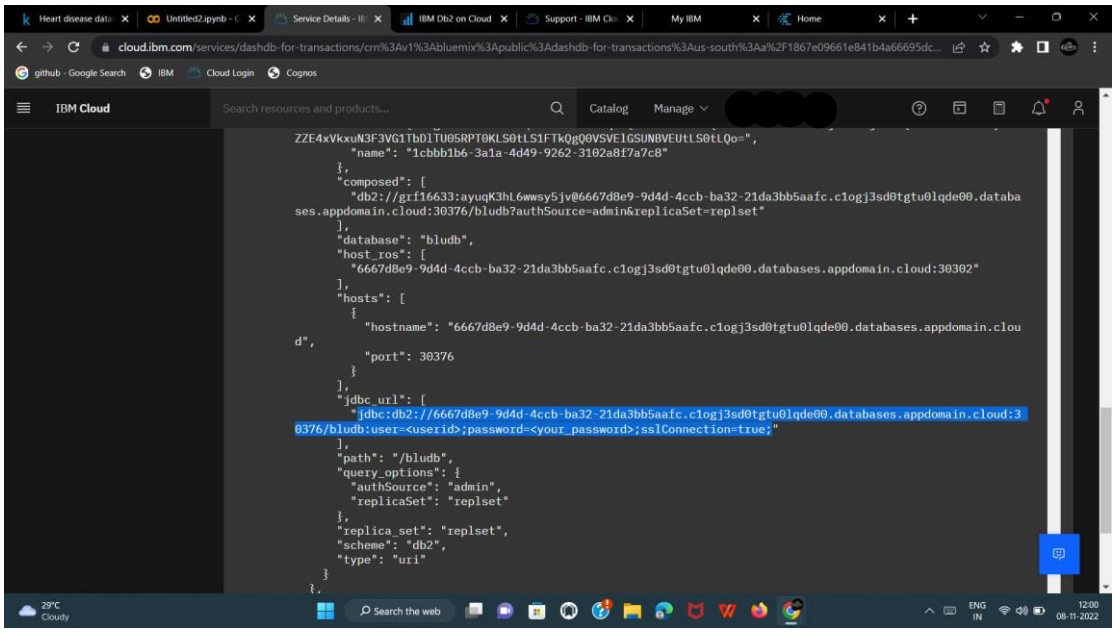
STEP 7: Resource usage of IBM Db2 on cloud.



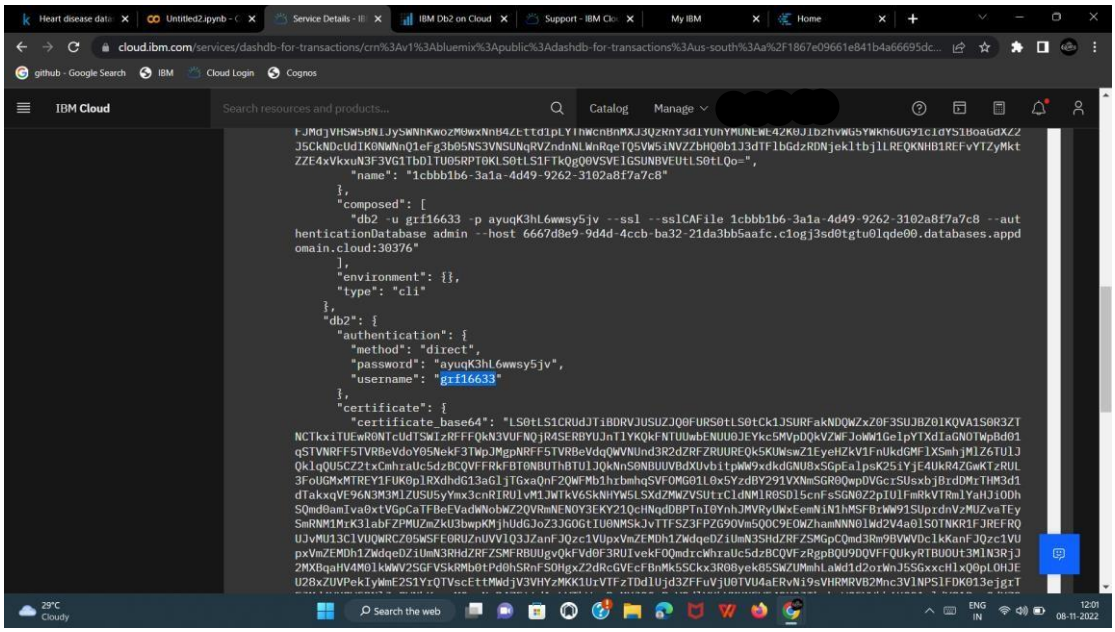
STEP 8: Creation of new Service Credential.



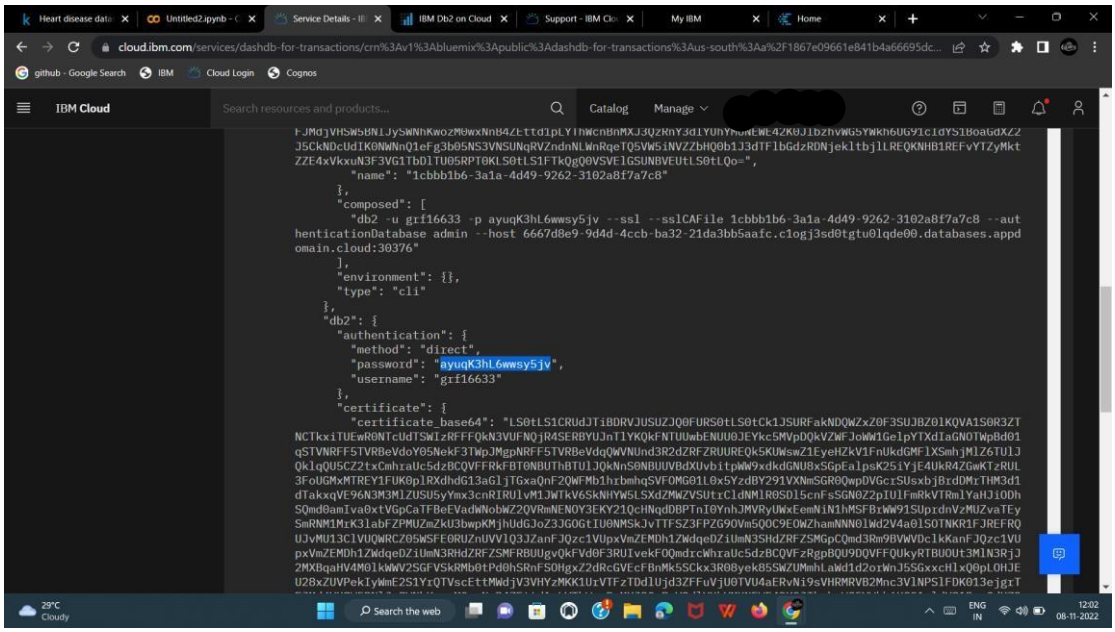
STEP 9: Copy the JDBC url from the created service credential in IBM Cloud.



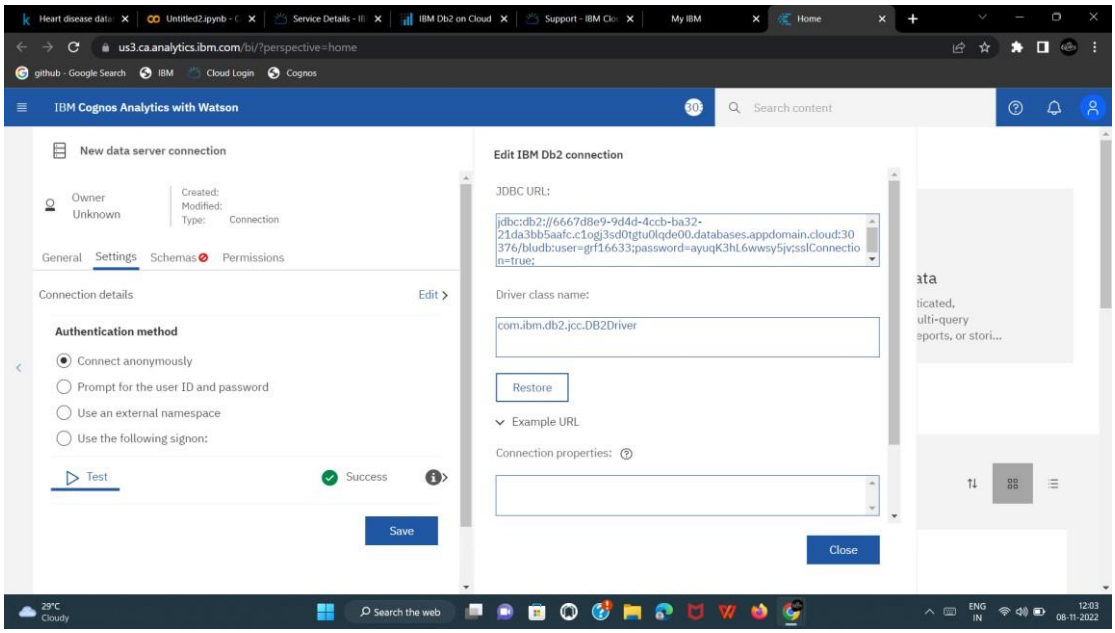
STEP 10: Copy the username and paste it in JDBC url in cognos for creating data server connection.



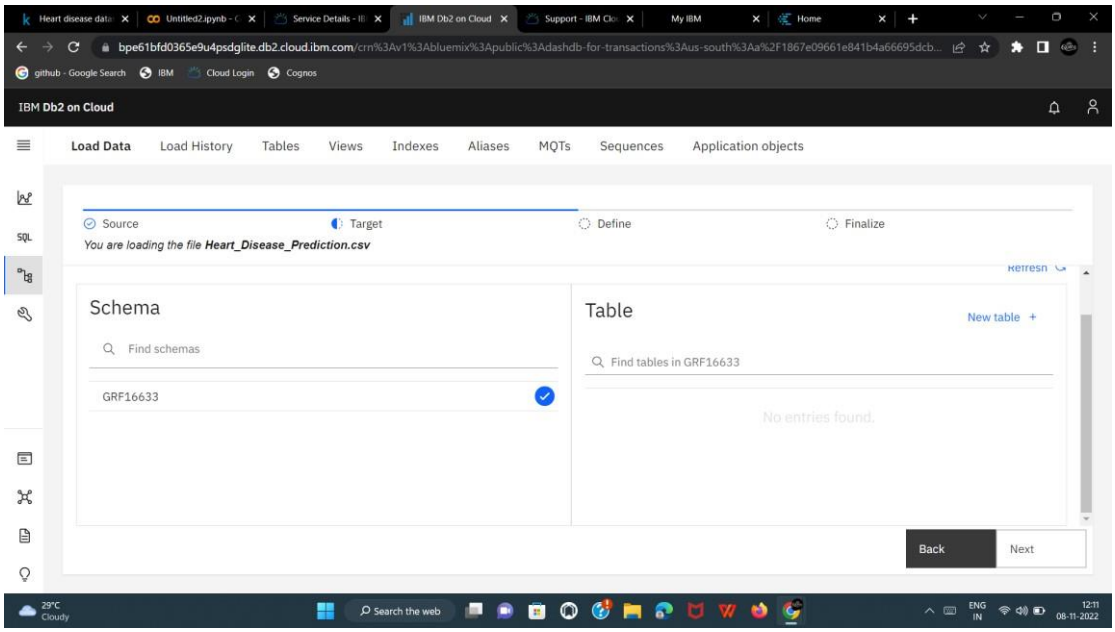
STEP 10: Copy the password and paste it in JDBC url in cognos.



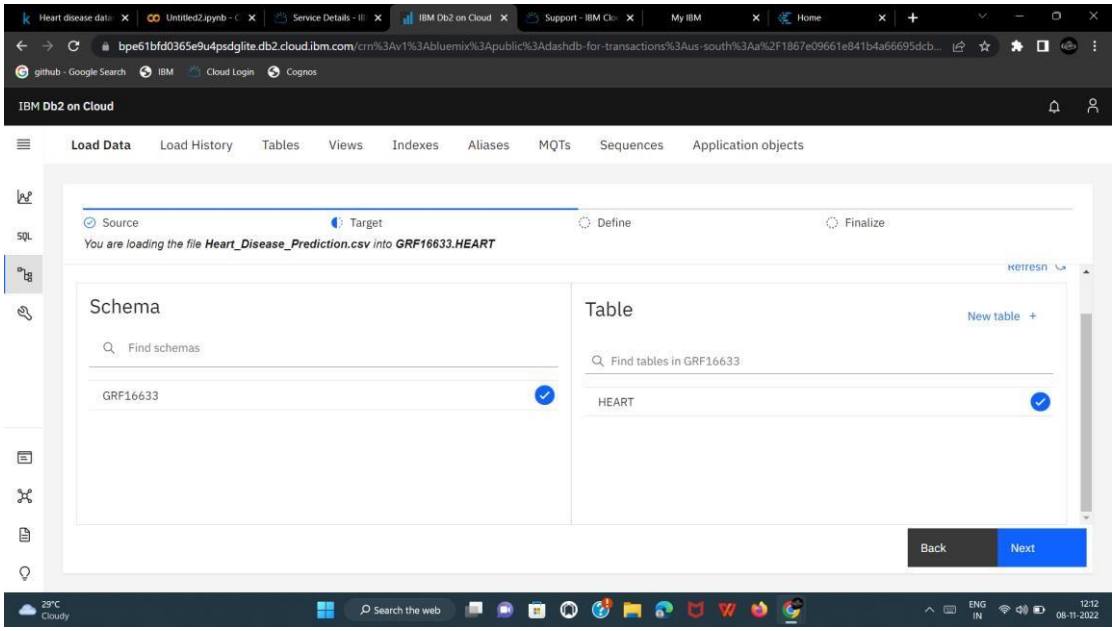
STEP 11: Data Server Connection is created successfully.



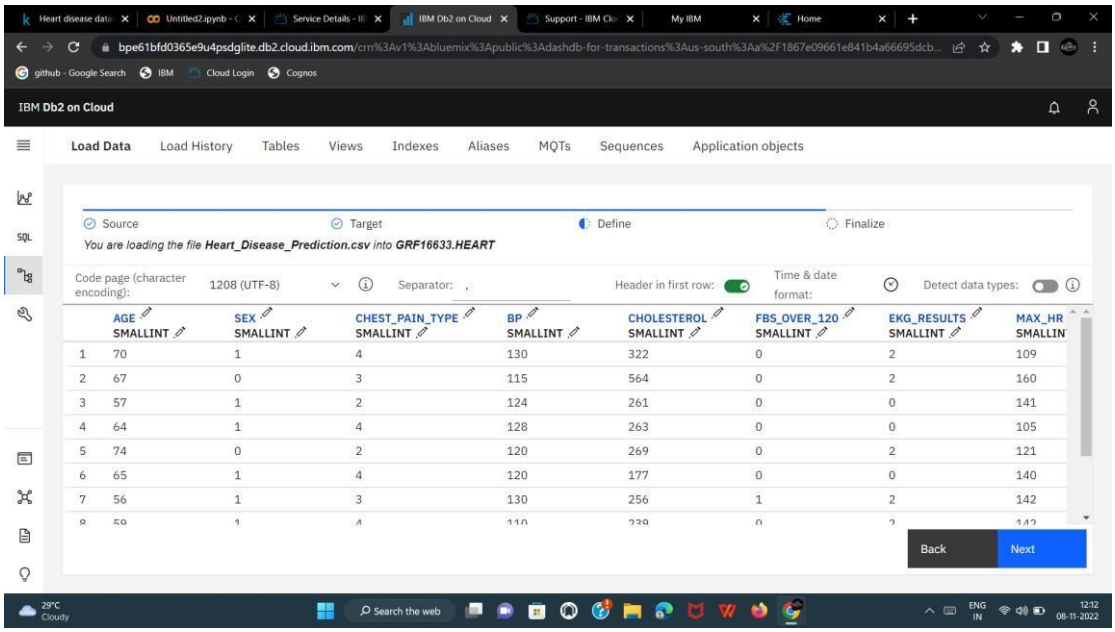
STEP 12: In IBM Db2 Select a schema and create a table.



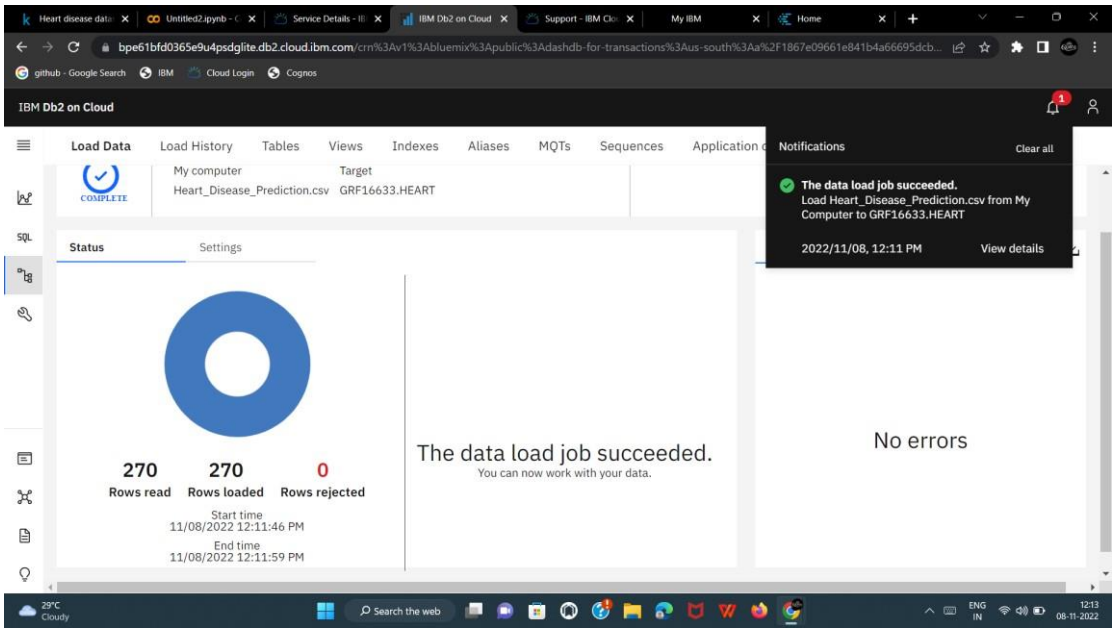
STEP 13: Schema and table has been created.



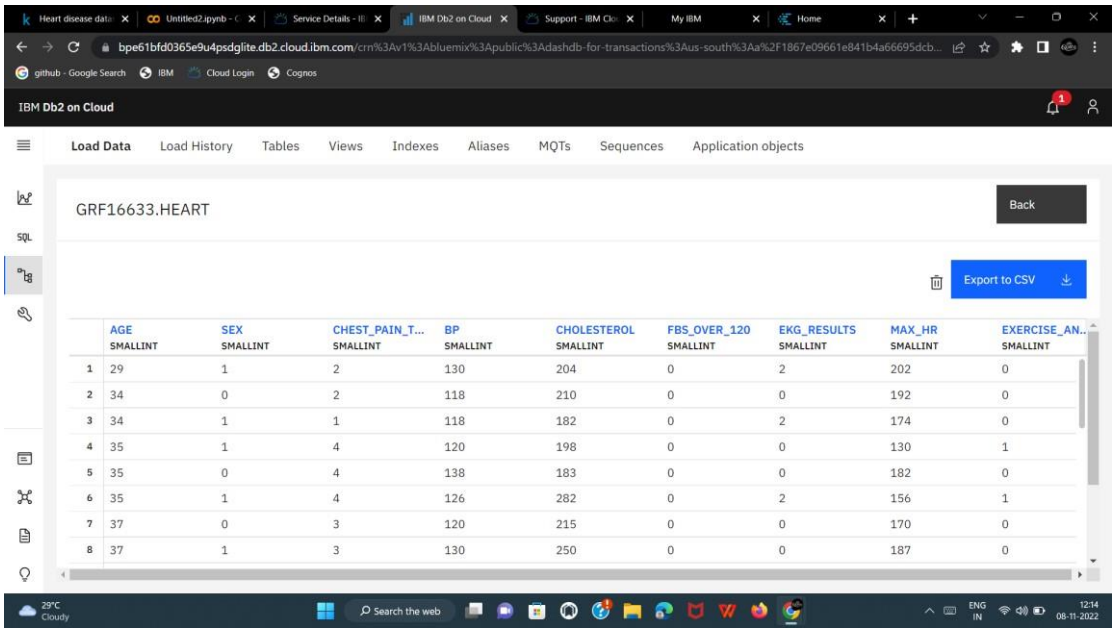
STEP 14: The creation of table is shown below:



STEP 15: The data has been loaded successfully in Db2.

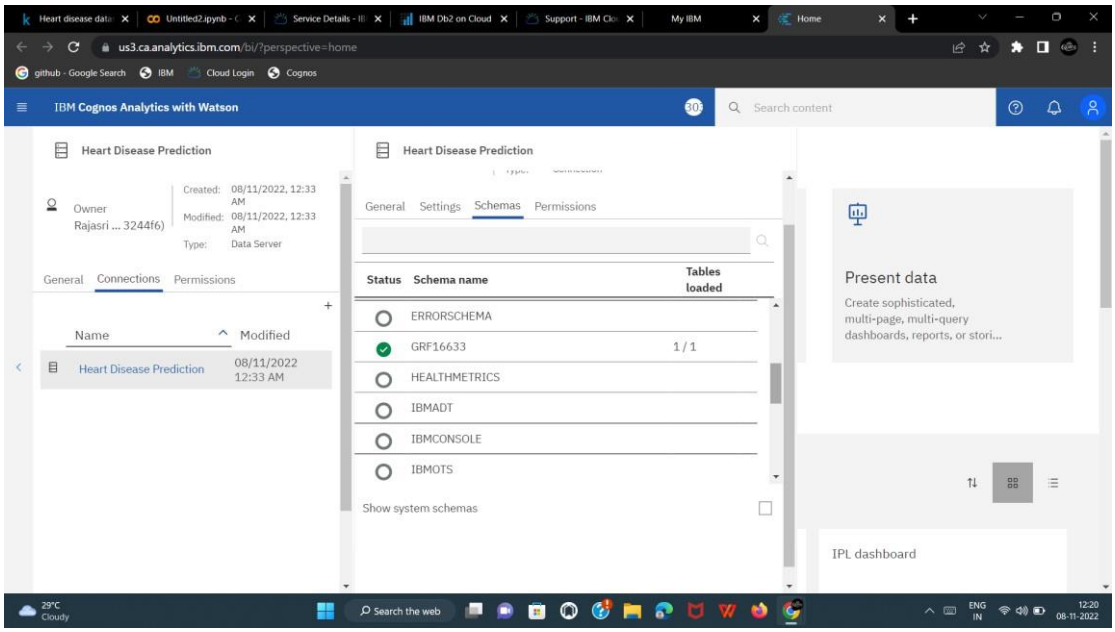


STEP 16: The below table represents the data present in our Dataset.



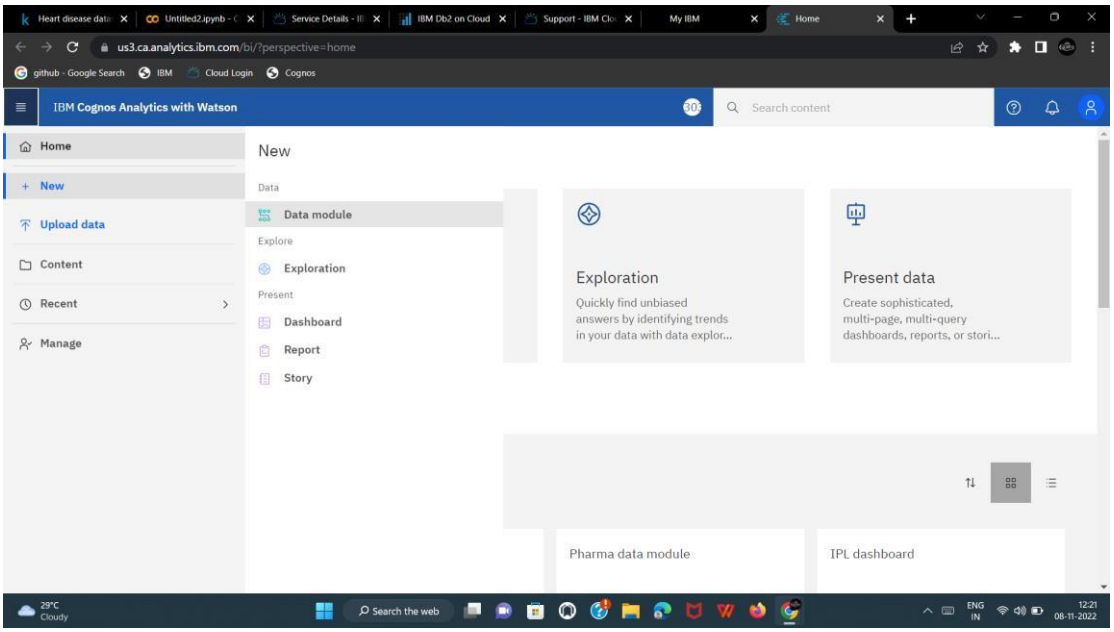
	AGE SMALLINT	SEX SMALLINT	CHEST_PAIN_T... SMALLINT	BP SMALLINT	CHOLESTEROL SMALLINT	FBS_OVER_120 SMALLINT	EKG_RESULTS SMALLINT	MAX_HR SMALLINT	EXERCISE_AN... SMALLINT
1	29	1	2	130	204	0	2	202	0
2	34	0	2	118	210	0	0	192	0
3	34	1	1	118	182	0	2	174	0
4	35	1	4	120	198	0	0	130	1
5	35	0	4	138	183	0	0	182	0
6	35	1	4	126	282	0	2	156	1
7	37	0	3	120	215	0	0	170	0
8	37	1	3	130	250	0	0	187	0

STEP 17: Loading of metadata and successfully loaded data in cognos by server connection.

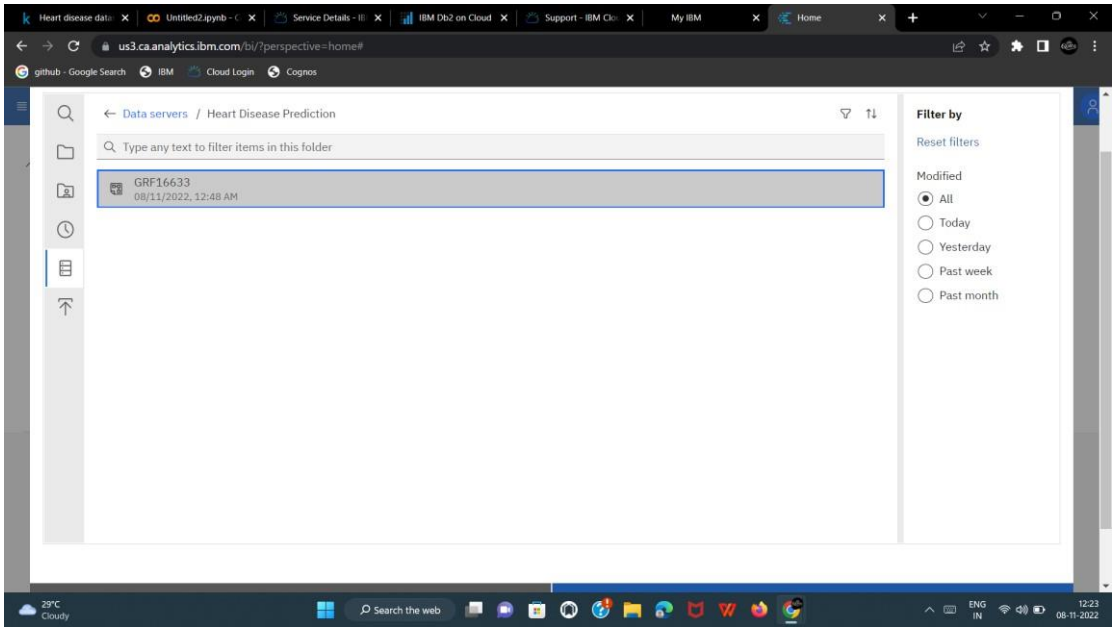


Creation of Data Module:

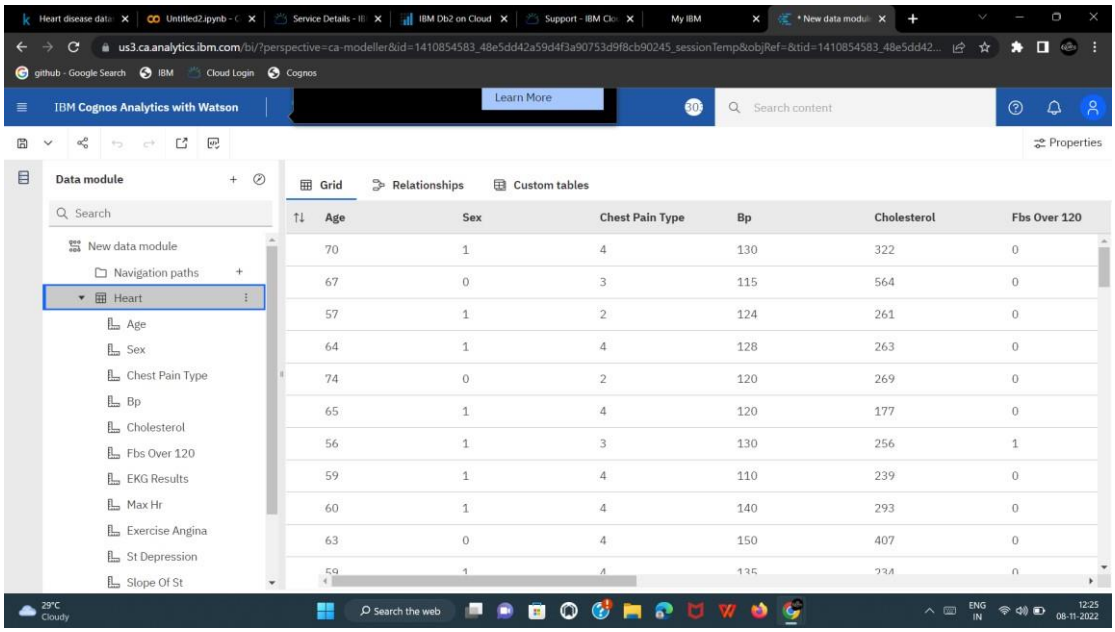
STEP 1: Creation of Data Module.



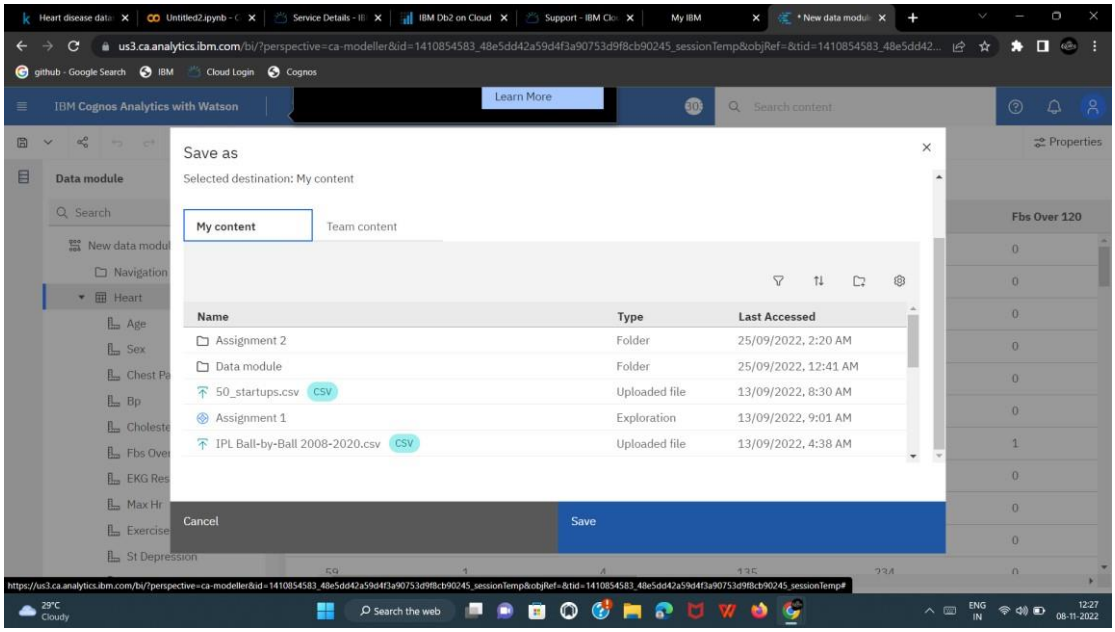
STEP 2: Choosing of dataset in data server connection in cognos.



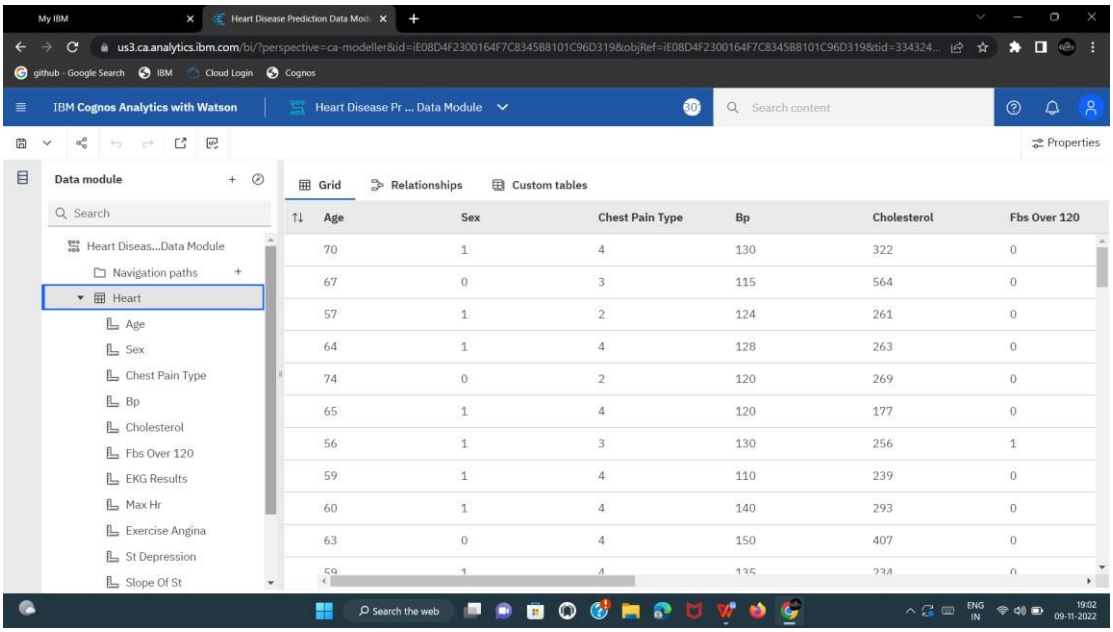
STEP 3: Data Module is created successfully.



STEP 4: Save the Data Module in My content.



STEP 5: Representation of data module with the datum present in Heart Disease Prediction.


My IBM
Heart Disease Prediction Data Mod
us3.ca.analytics.ibm.com/bi/?perspective=ca-modeller&id=iE08D4F2300164F7C8345B8101C96D3198&objRef=iE08D4F2300164F7C8345B8101C96D3198&tid=334324...
github - Google Search
IBM
Cloud Login
Cognos
IBM Cognos Analytics with Watson
Heart Disease Pr ... Data Module
Search content
Properties
Data module
Search
Heart Diseas...Data Module
Navigation paths
Heart
Age
Sex
Chest Pain Type
Bp
Cholesterol
Fbs Over 120
EKG Results
Max Hr
Exercise Angina
St Depression
Slope Of St
Grid
Relationships
Custom tables
Age Sex Chest Pain Type Bp Cholesterol Fbs Over 120
70 1 4 130 322 0
67 0 3 115 564 0
57 1 2 124 261 0
64 1 4 128 263 0
74 0 2 120 269 0
65 1 4 120 177 0
56 1 3 130 256 1
59 1 4 110 239 0
60 1 4 140 293 0
63 0 4 150 407 0
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