PROJECT DEVELOPMENT PHASE

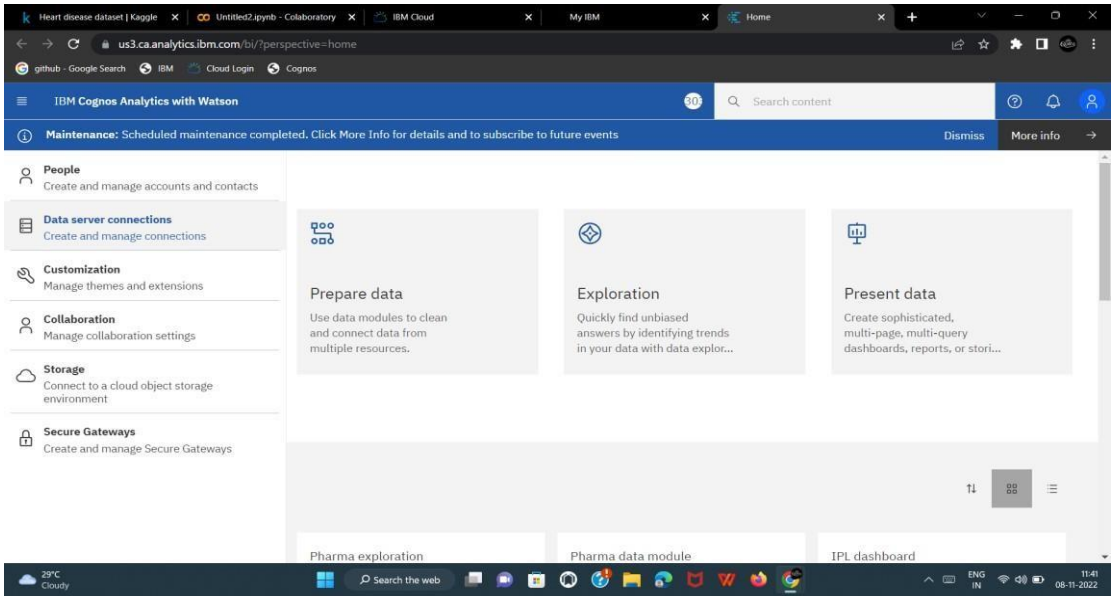
Delivery of Sprint - 1

Team ID	PNT2022TMID47218
Project Name	VISUALIZING AND PREDICTING HEART DISEASE WITH AN INTERACTIVE DASH BOARD.

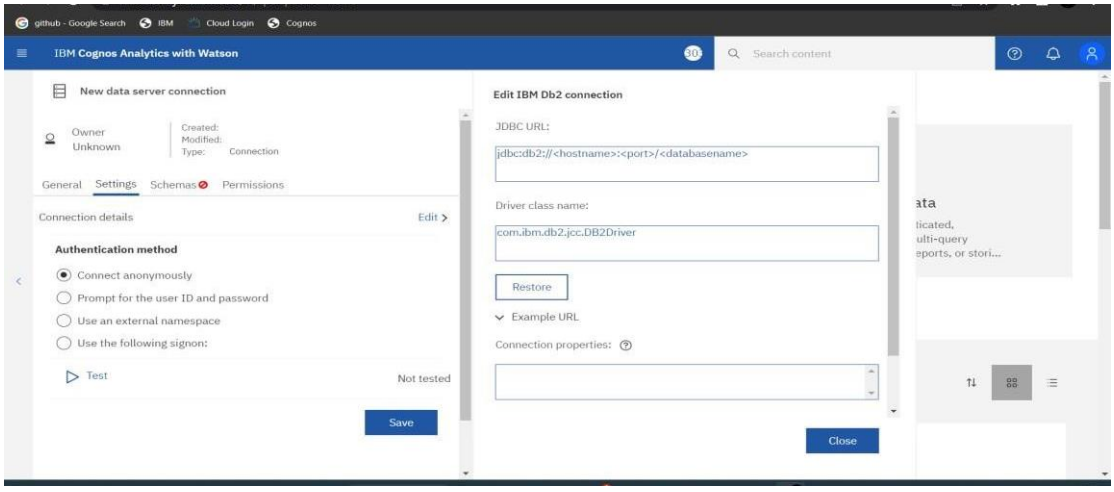
IBM DB2:

Service Creation and DB2 Connectivity with Cognos:

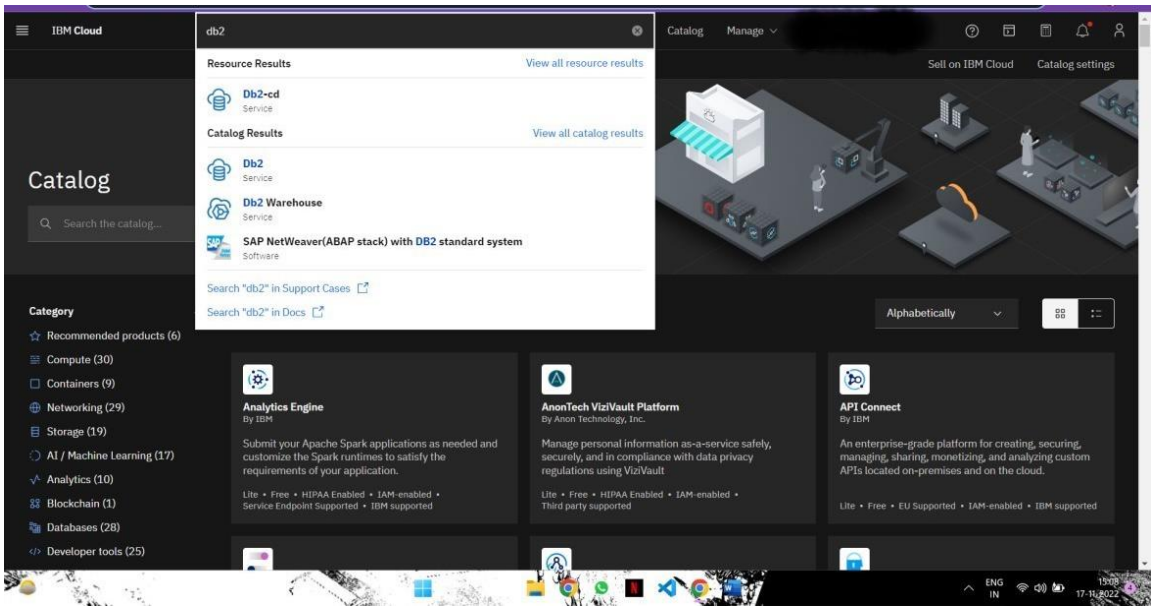
Step 1: In Cognos we have to perform data server connections.



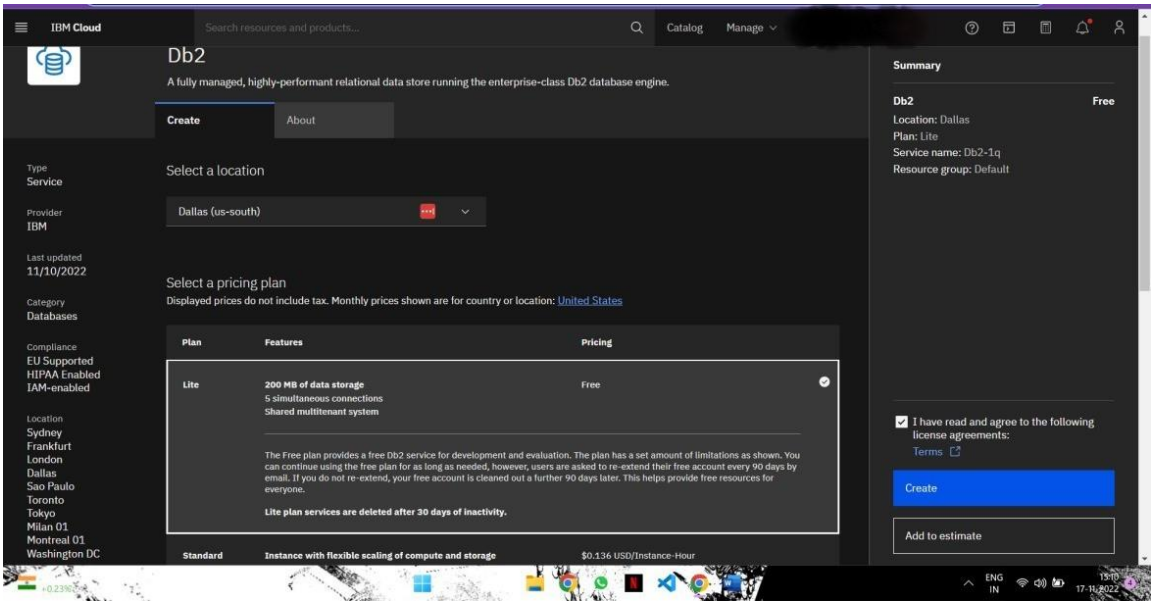
STEP 2: Connection of New Data Server.



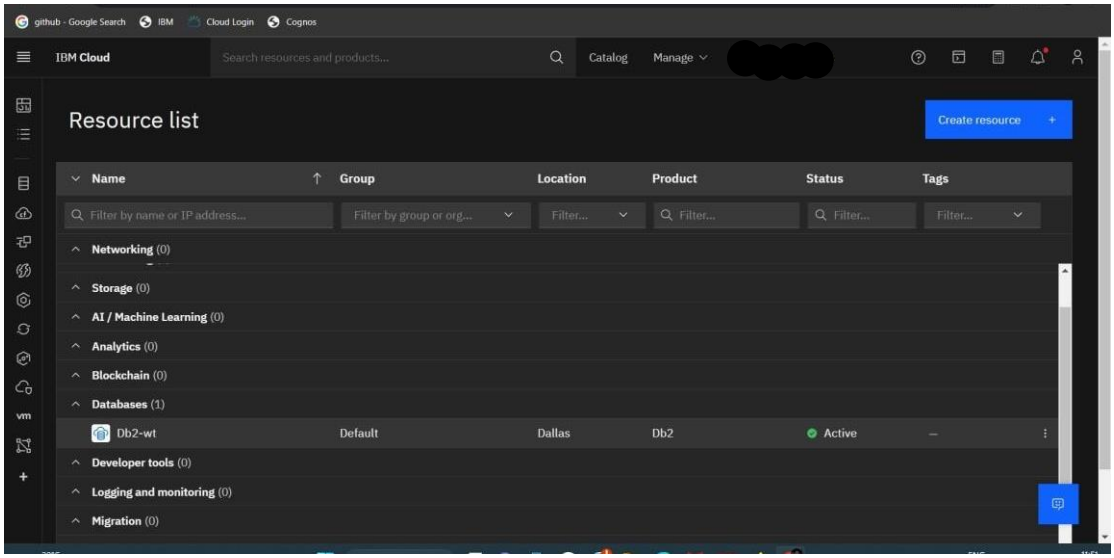
STEP 3: In IBM cloud go to catalog and search for Db2.



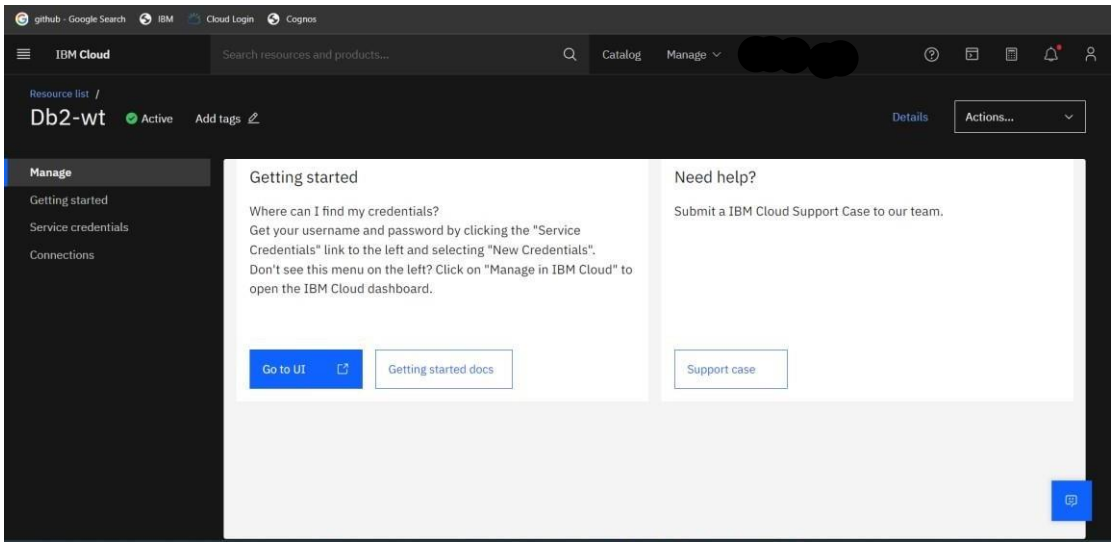
STEP 4: Create a new db2 connection.



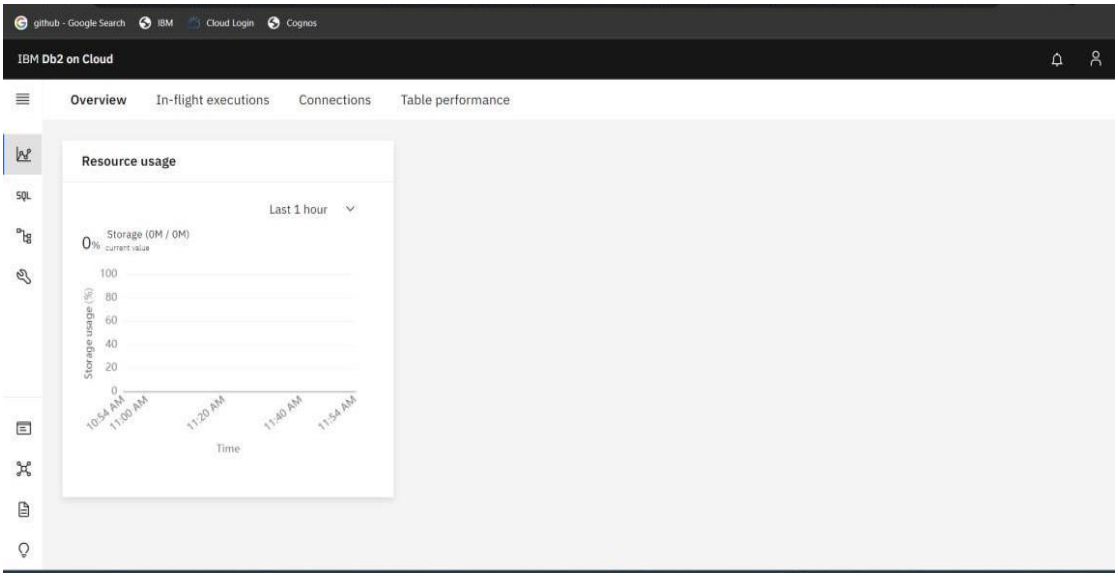
STEP 5: From the resource list select database as Db2.



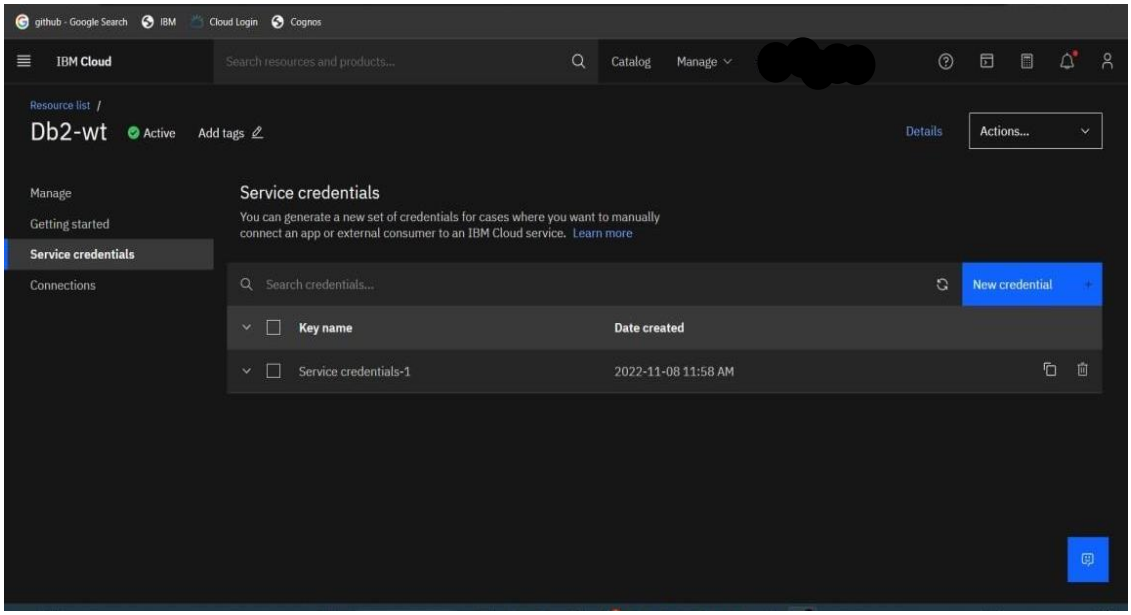
STEP 6: Click on Go to UI to know resource usage.



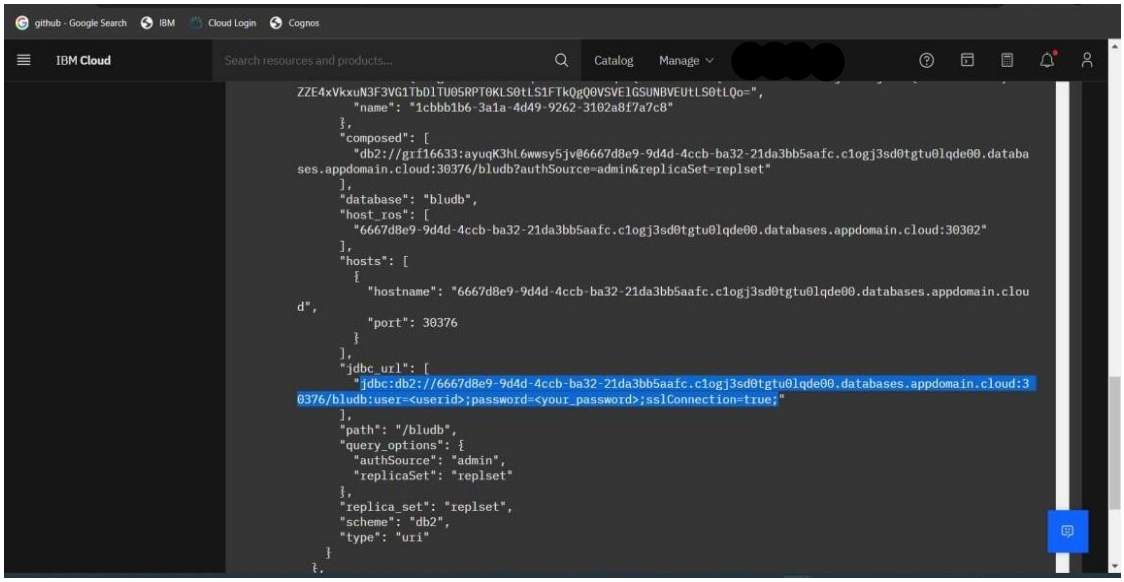
STEP 7: Resource usage of IBM Db2 on cloud.



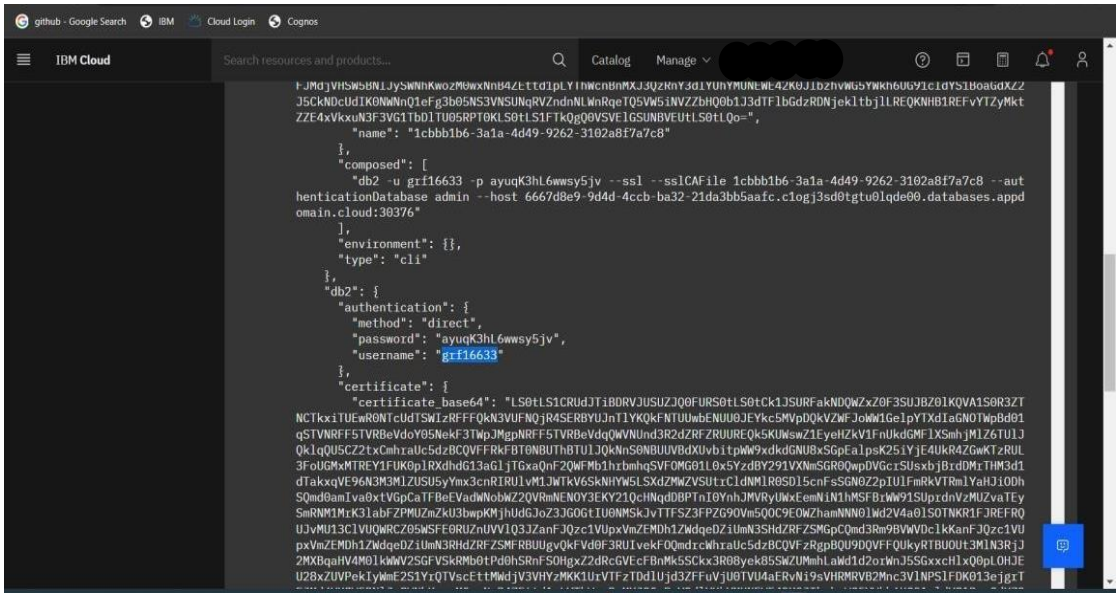
STEP 8: Creation of new Service Credential.



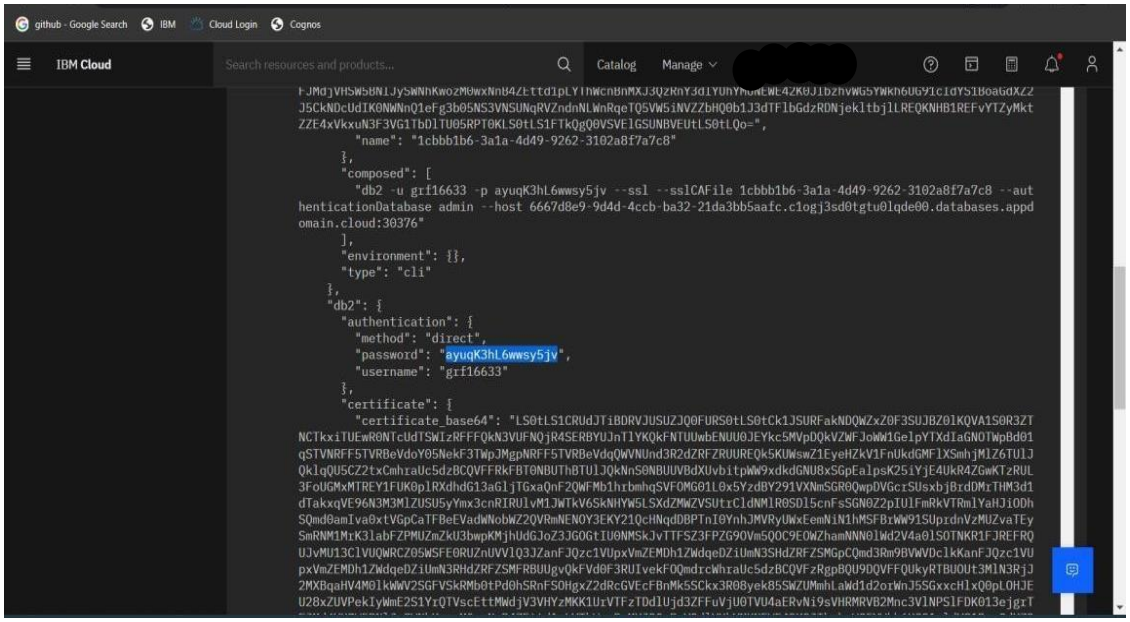
STEP 9: Copy the JDBC URL from the created service credential in IBM Cloud.



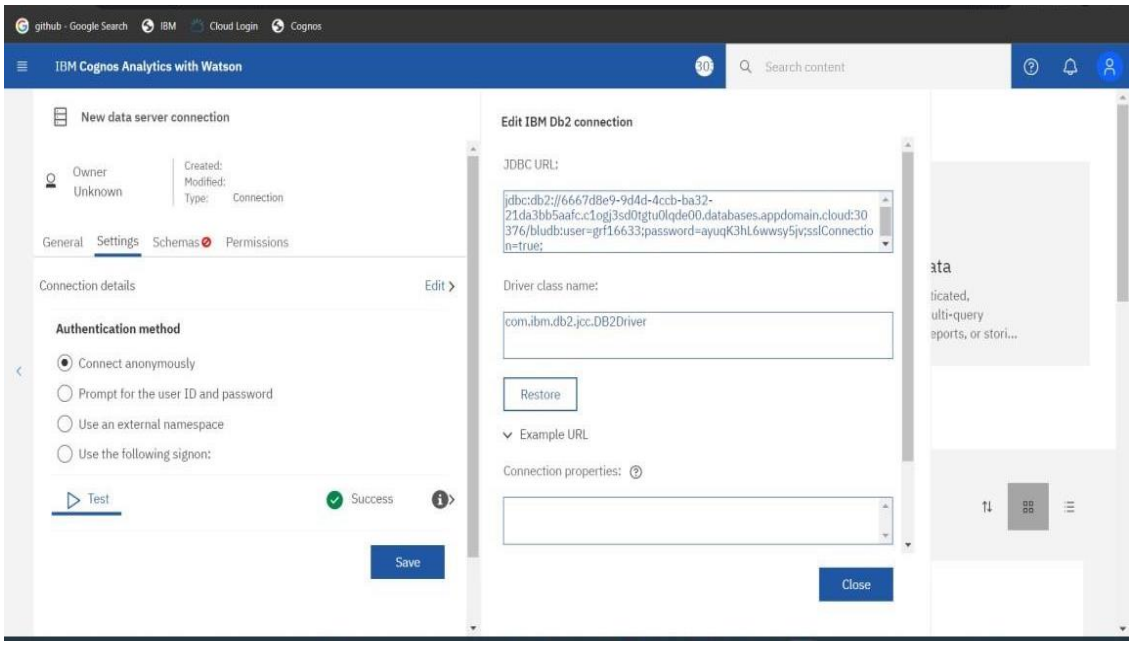
STEP 10: Copy the username and paste it in JDBC URL in Cognos for creating data server connection.



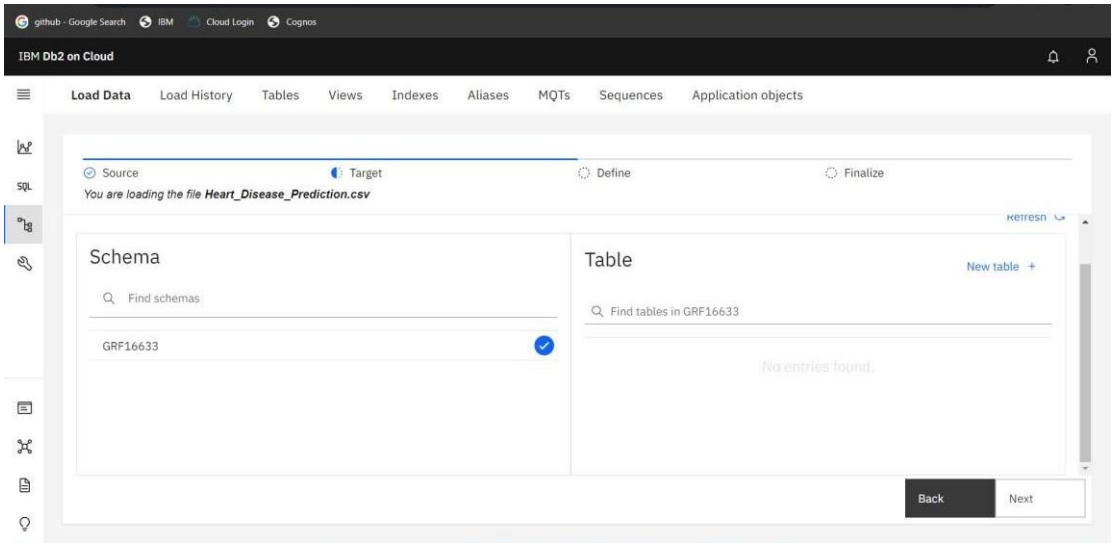
STEP 11: Copy the password and paste it in JDBC URL in Cognos.



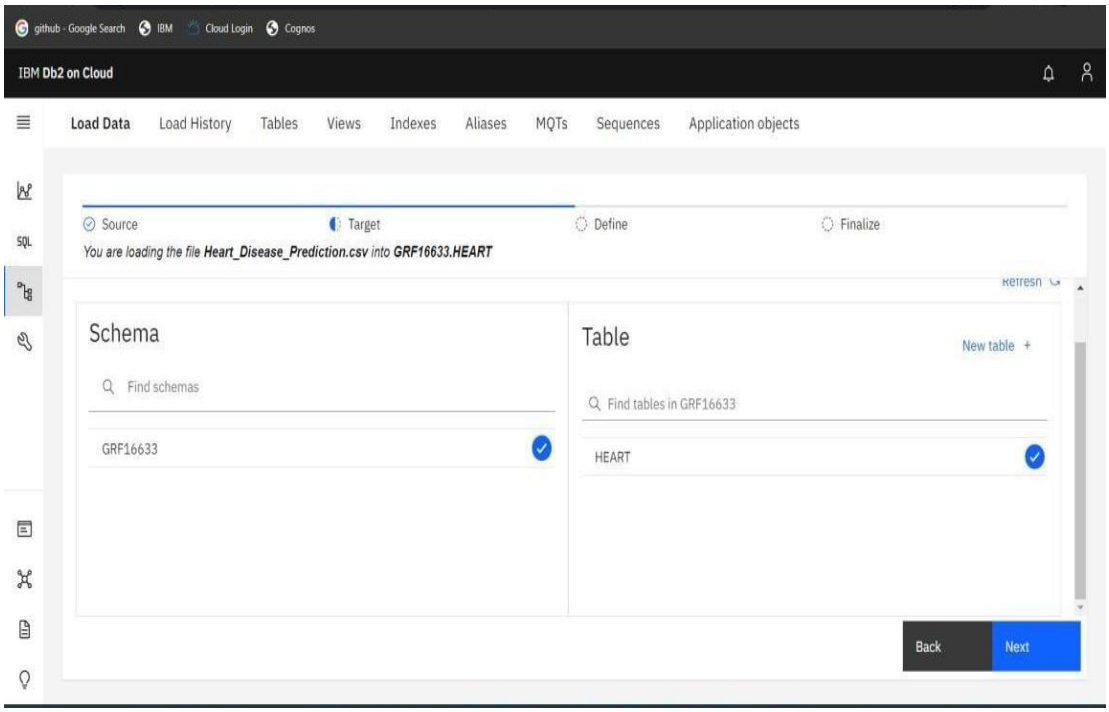
STEP 12: Data Server Connection is created successfully.



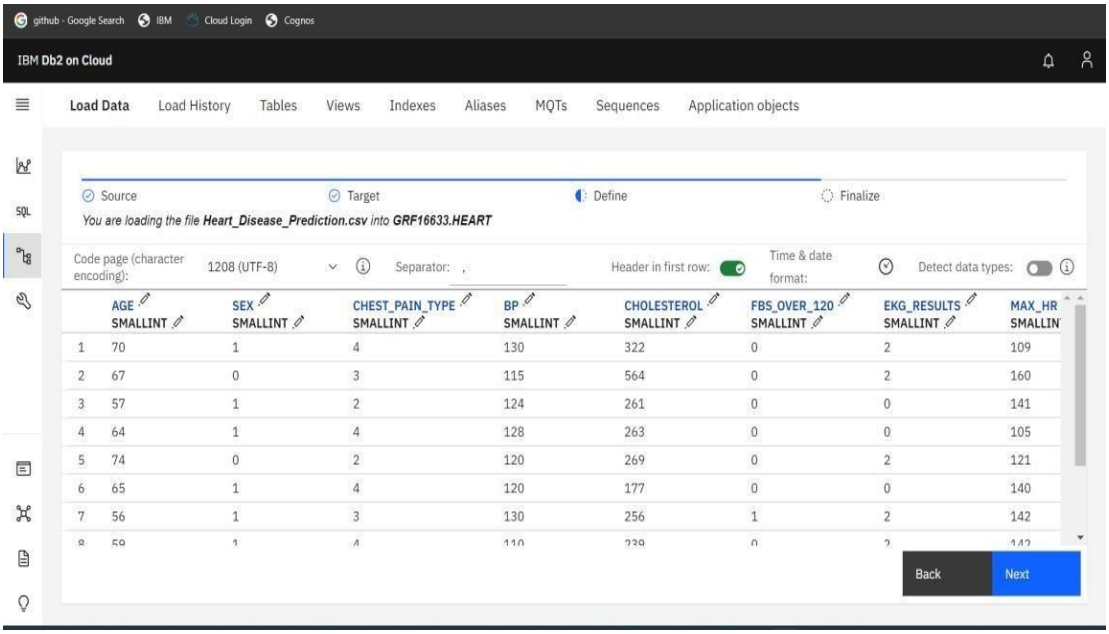
STEP 13: In IBM Db2 Select a schema and create a table.



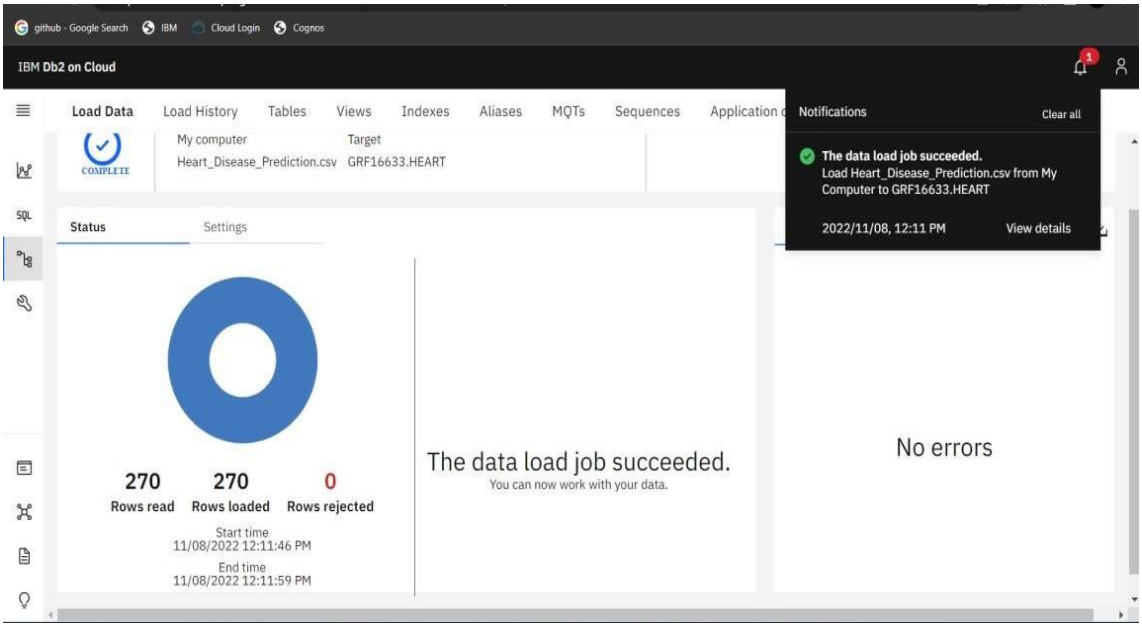
STEP 14: Schema and table has been created.



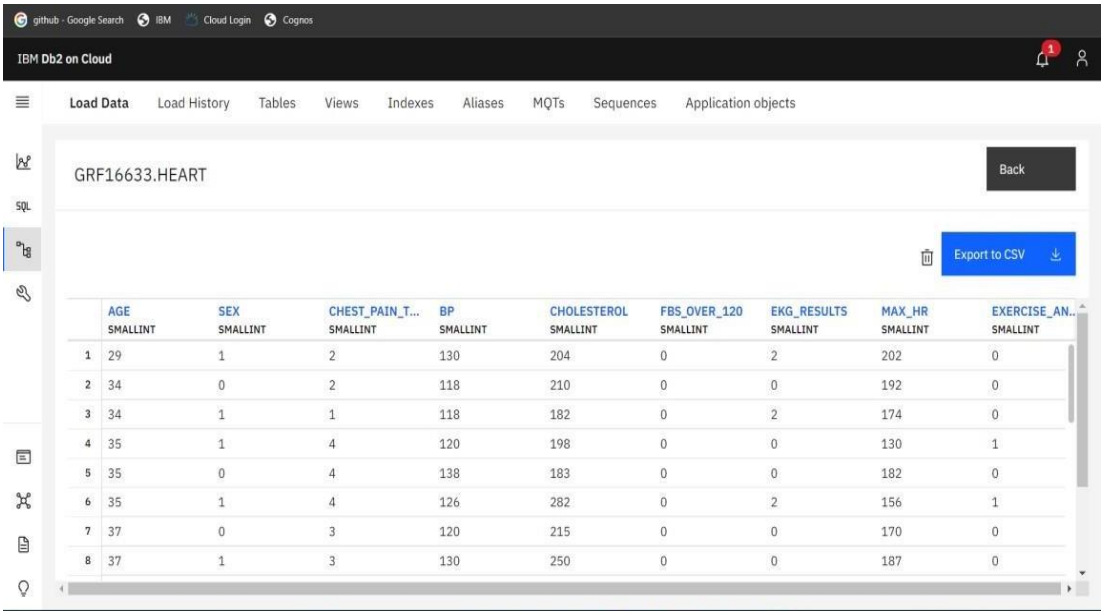
STEP 15: The creation of table is shown below:



STEP 16: The data has been loaded successfully in Db2.

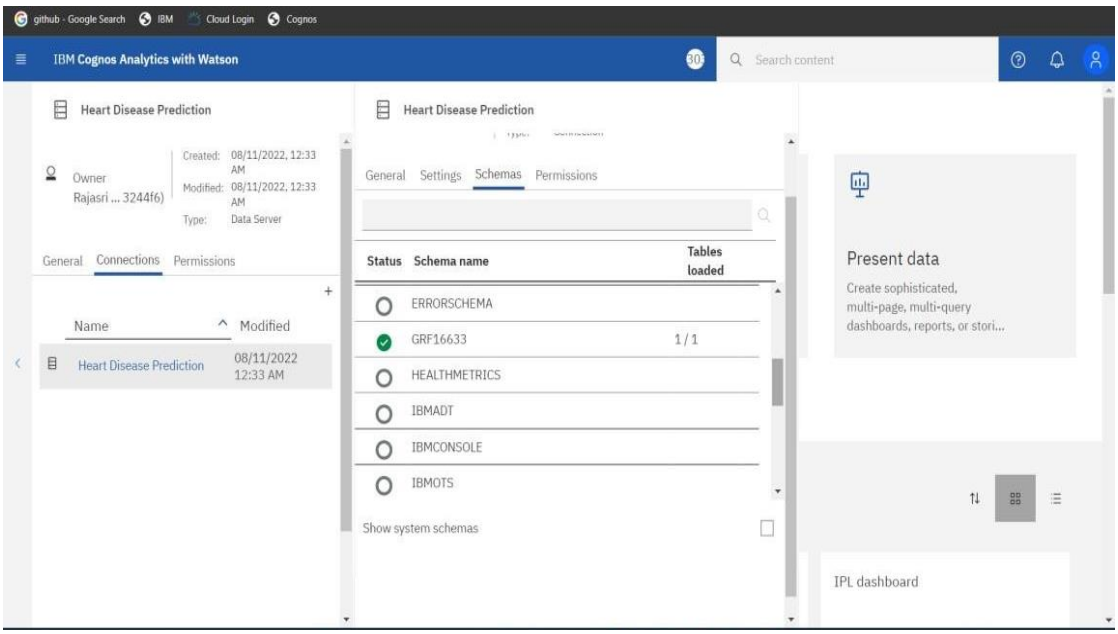


STEP 17: The below table represents the data present in our Dataset.



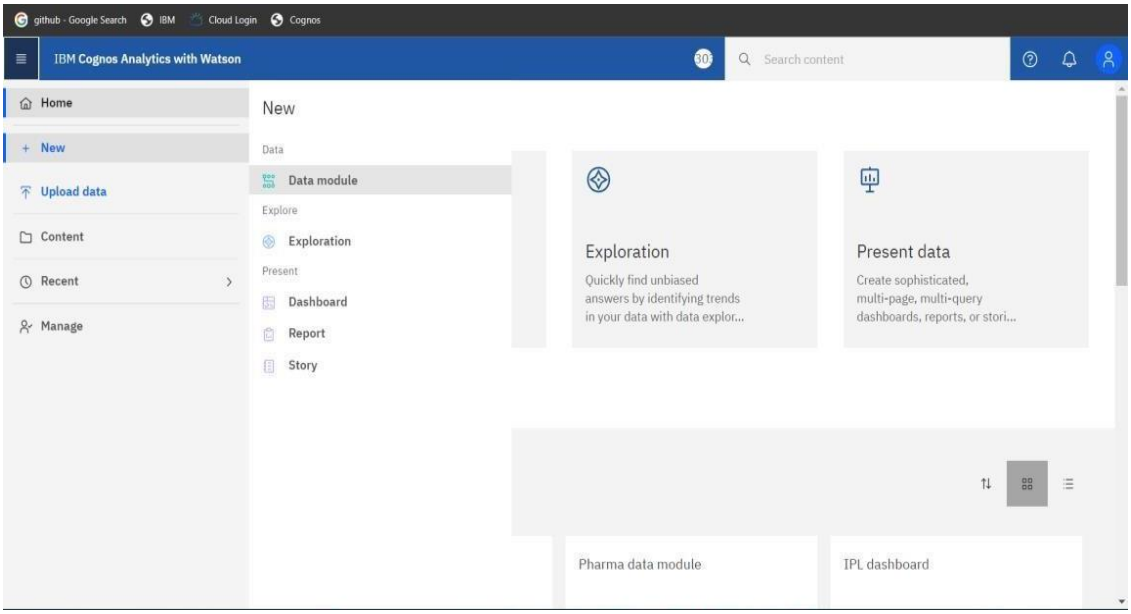
	AGE SMALLINT	SEX SMALLINT	CHEST_PAIN_T... SMALLINT	BP SMALLINT	CHOLESTEROL SMALLINT	FBS_OVER_120 SMALLINT	EKG_RESULTS SMALLINT	MAX_HR SMALLINT	EXERCISE_AN... SMALLINT
1	29	1	2	130	204	0	2	202	0
2	34	0	2	118	210	0	0	192	0
3	34	1	1	118	182	0	2	174	0
4	35	1	4	120	198	0	0	130	1
5	35	0	4	138	183	0	0	182	0
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 18: Loading of metadata and successfully loaded data in Cognos by server connection.

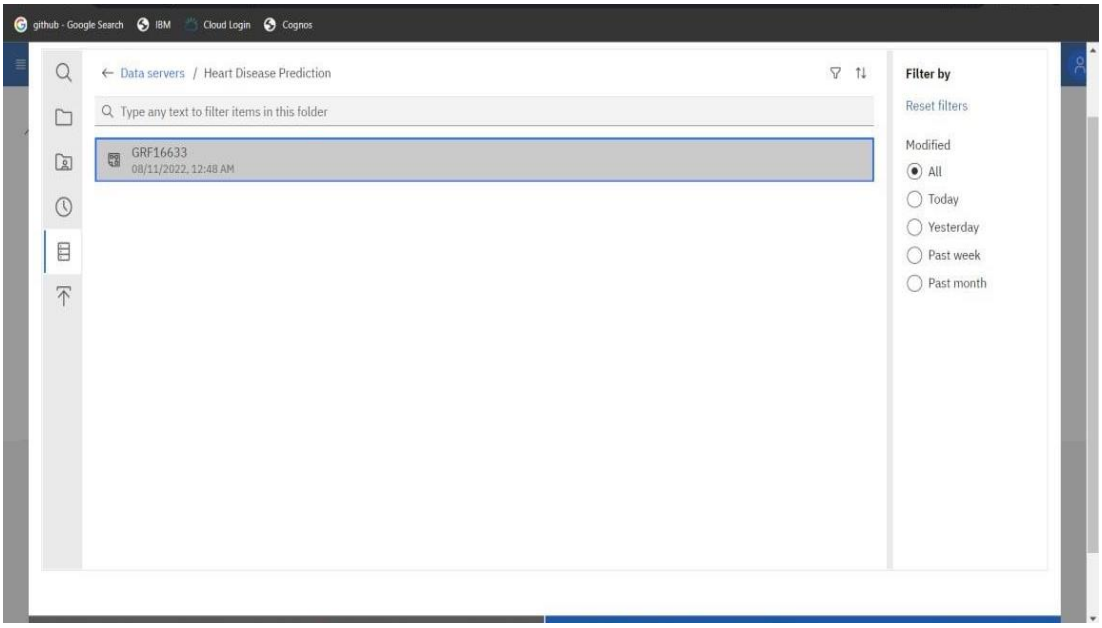


Creation of Data Module:

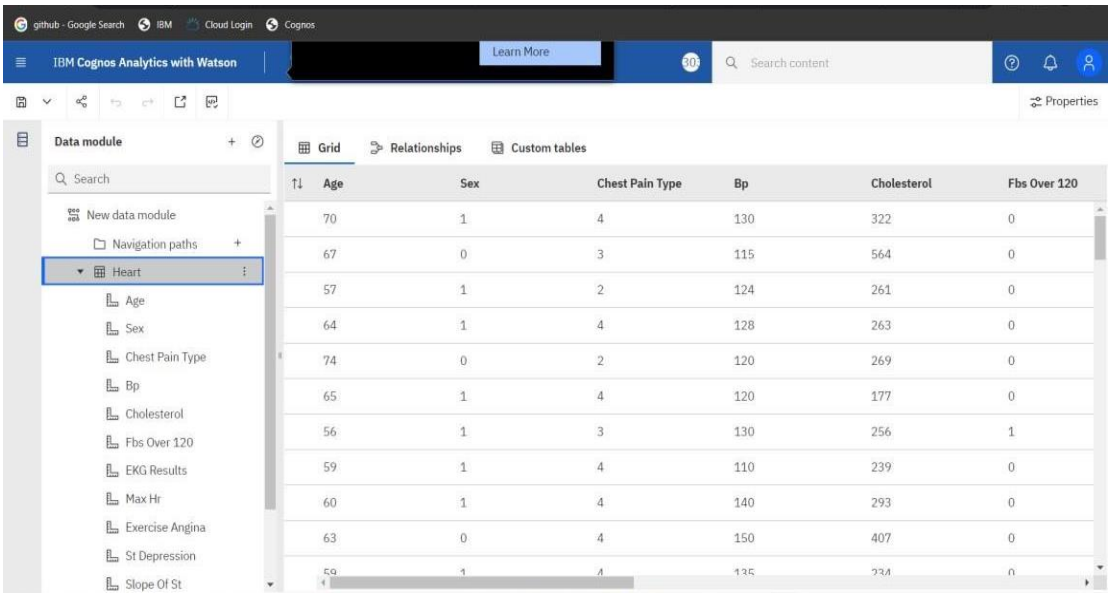
STEP 1: Creation of Data Module.



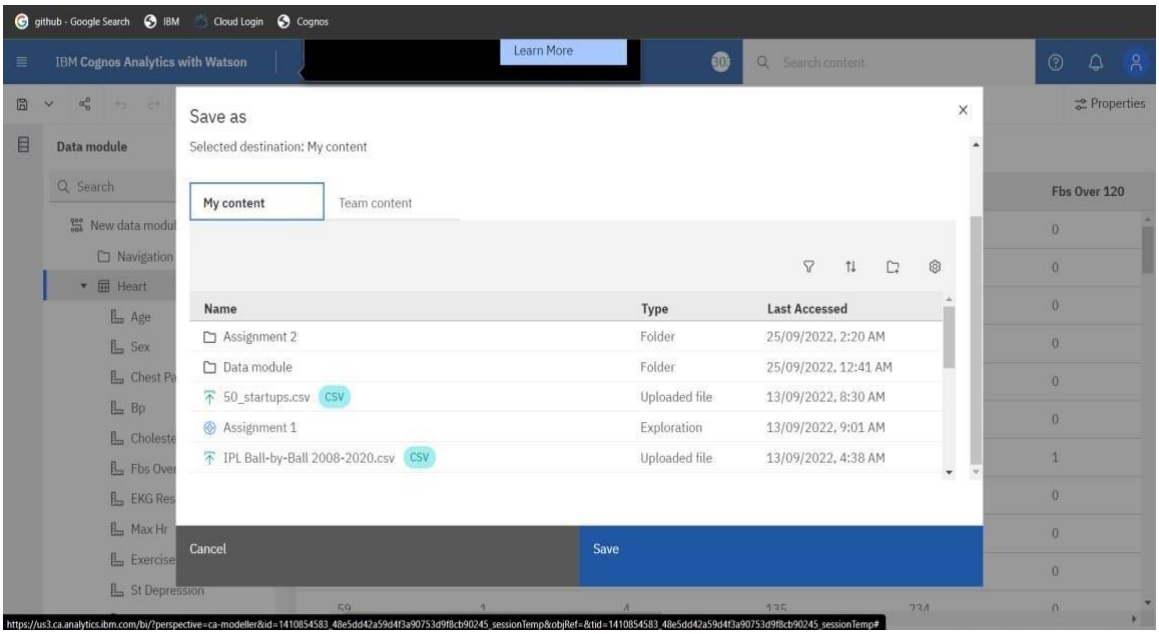
STEP 2: Choosing of dataset in data server connection in Cognos.



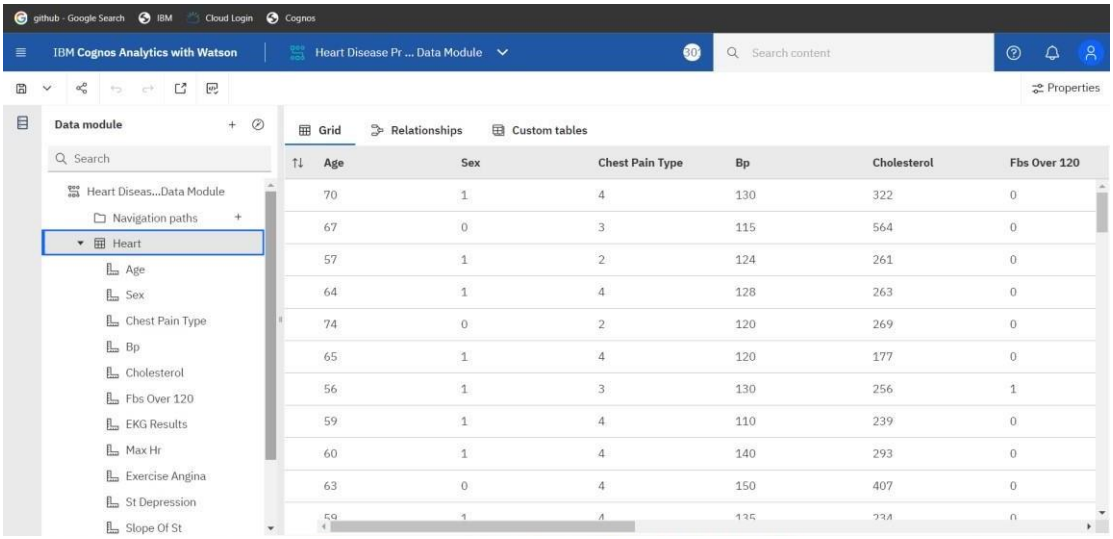
STEP 3: Data Module is created successfully.



STEP 4: Save the Data Module in My content.



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



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
59	1	4	135	234	0