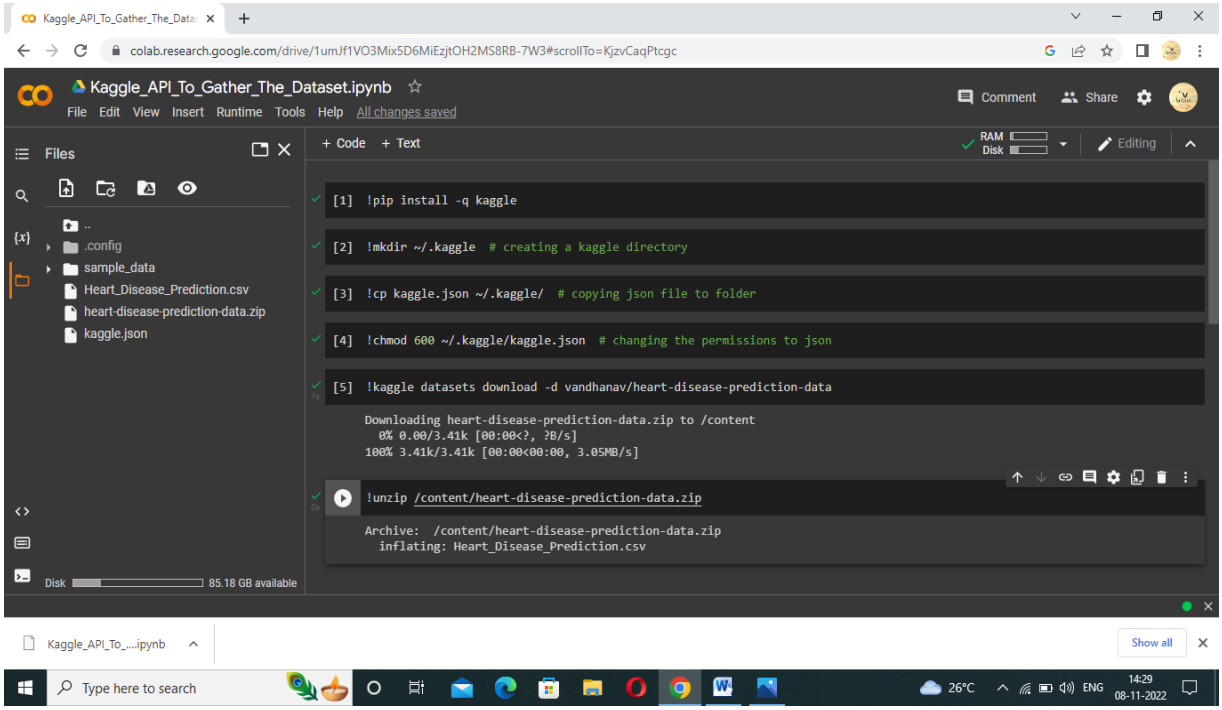
PROJECT DEVELOPMENT PHASE

Delivery of Sprint – 1

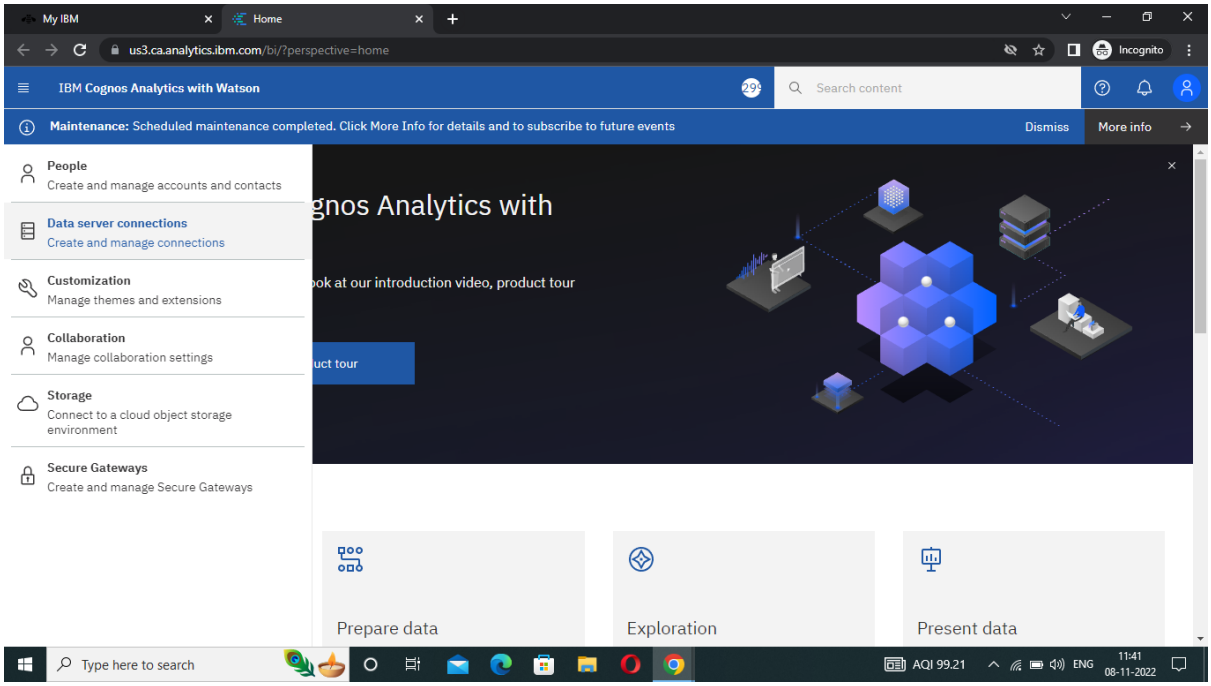
Team ID	PNT2022TMID39449
Project Name	Visualizing And Predicting Heart Diseases With An Interactive Dash Board

Fetch Data From External API (Kaggle API):

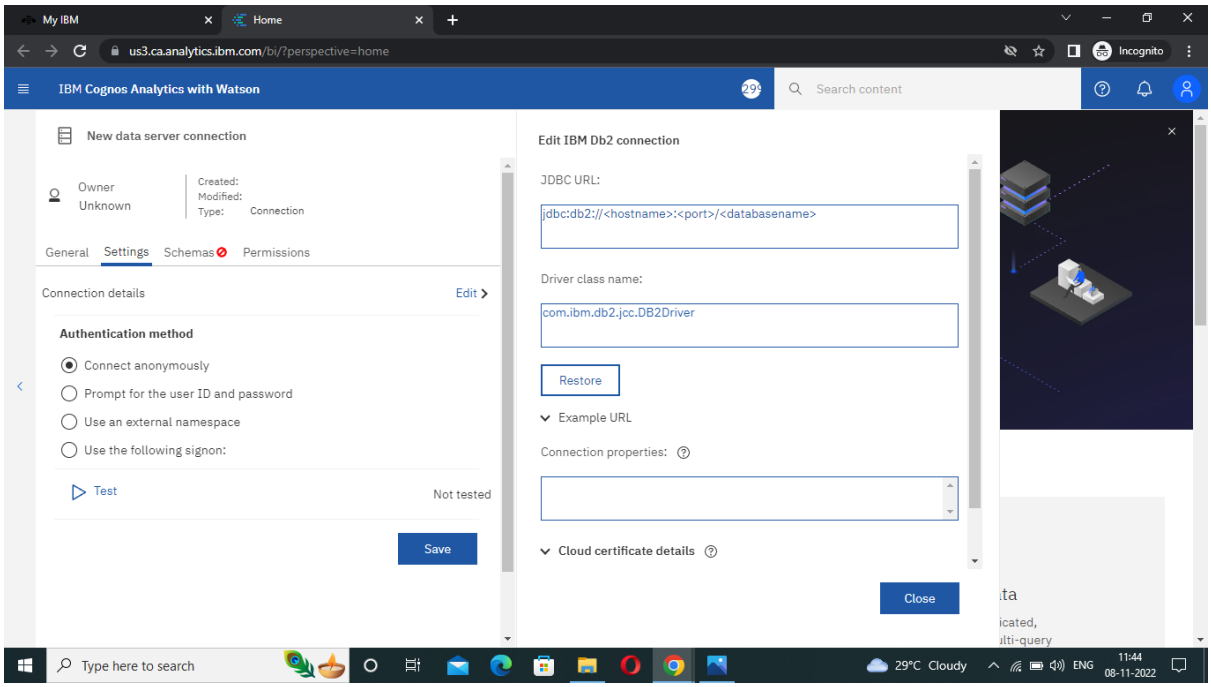


IBM DB2 Service Creation and DB2 Connectivity With Cognos:

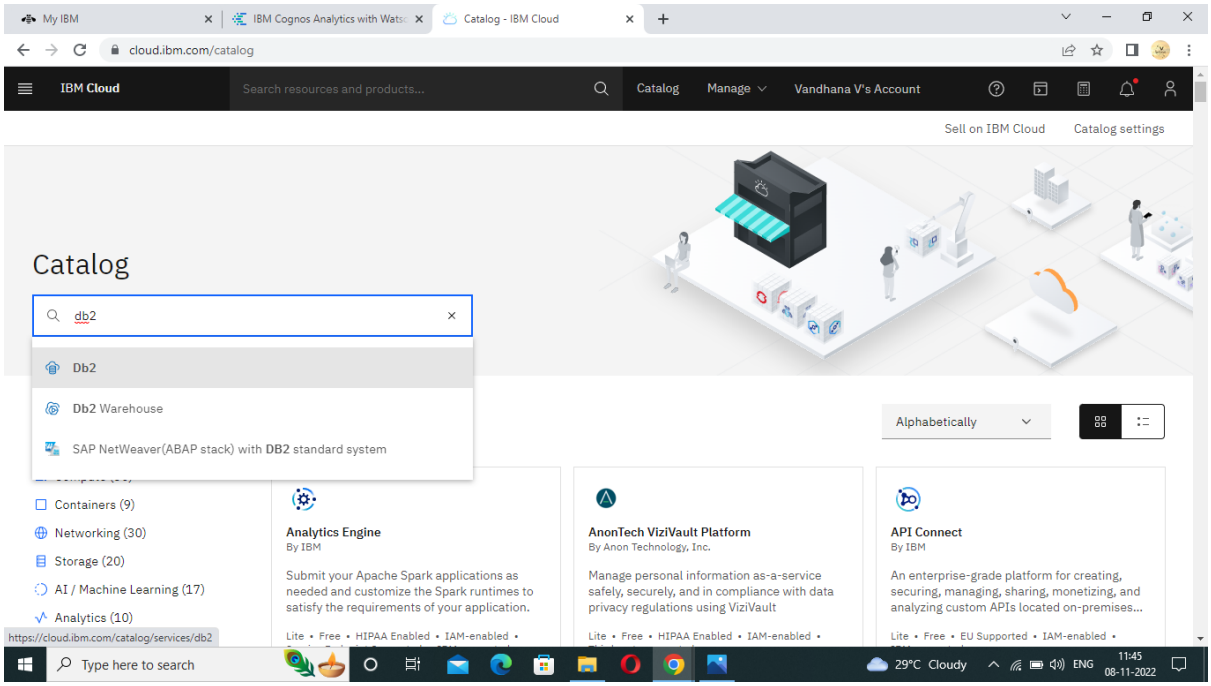
Step 1: In Cognos we have to perform data server connections.



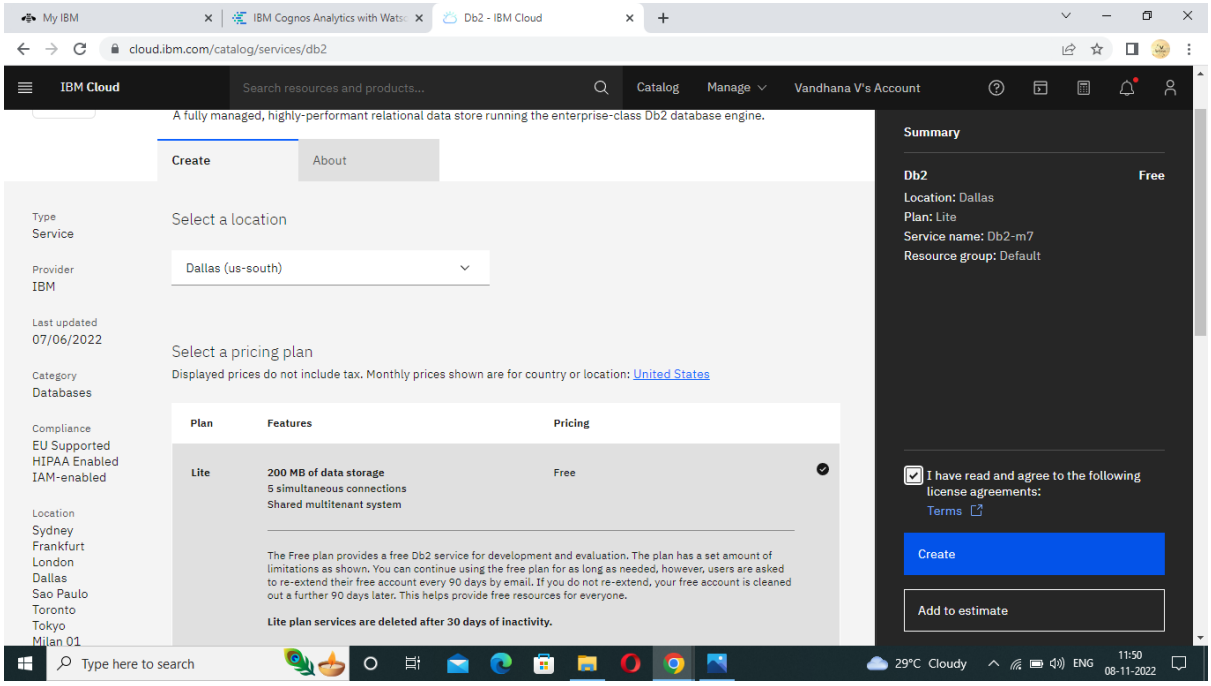
Step 2: Connection of New Data Server.



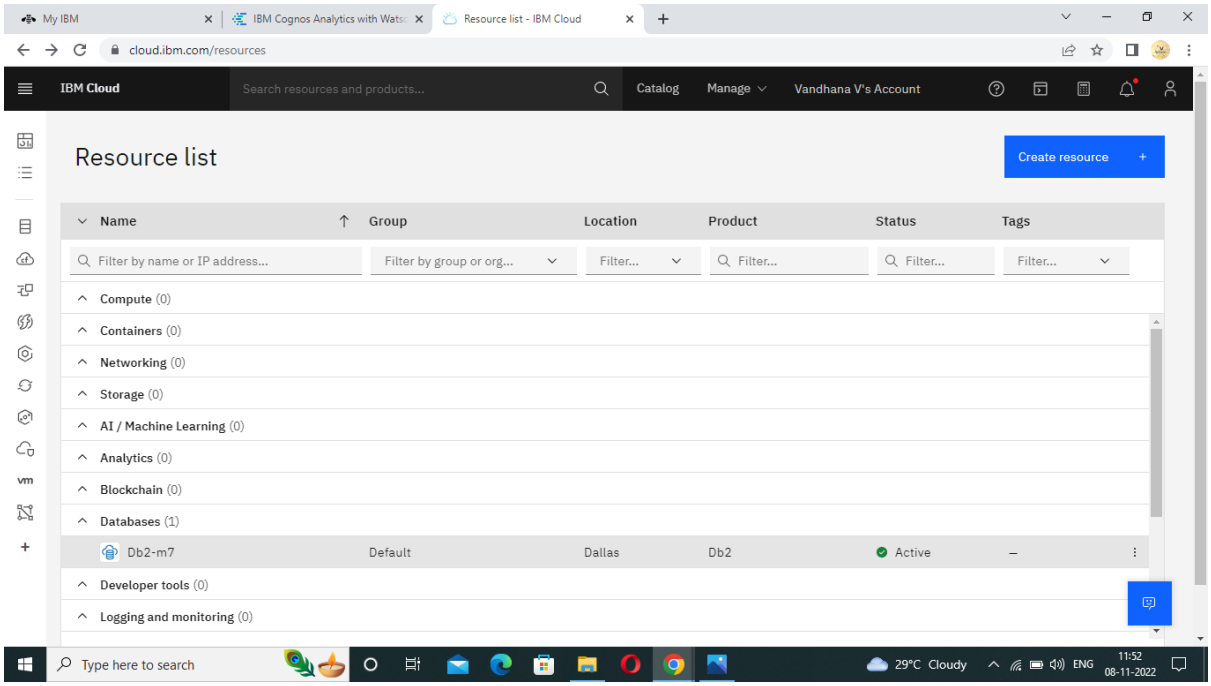
Step 3: In IBM Cloud go to catalog search for db2.



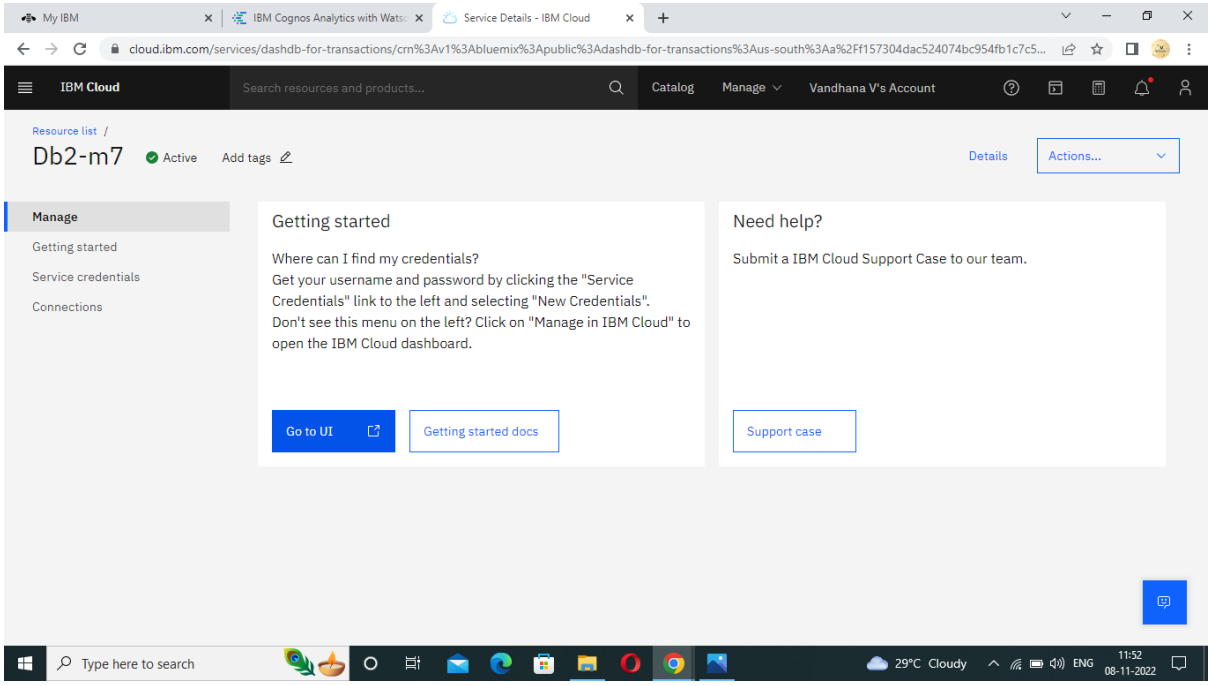
Step 4: Create a new db2 service connection.



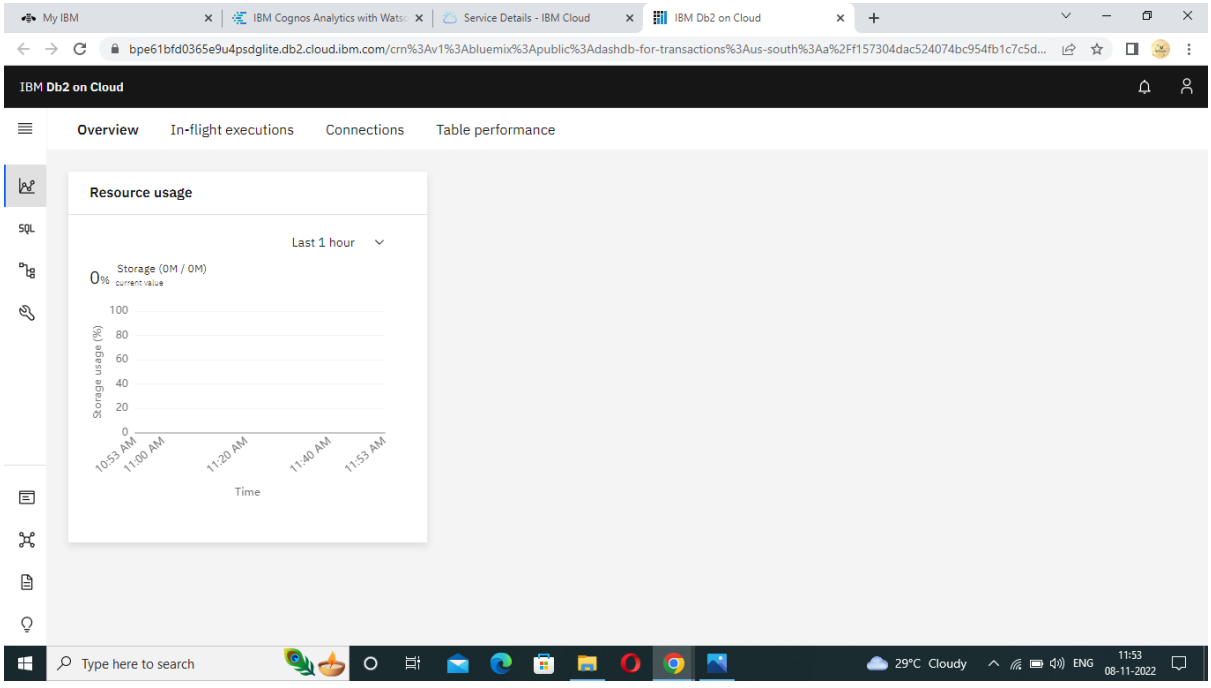
Step 5: From the Resource list select databases as Db2.



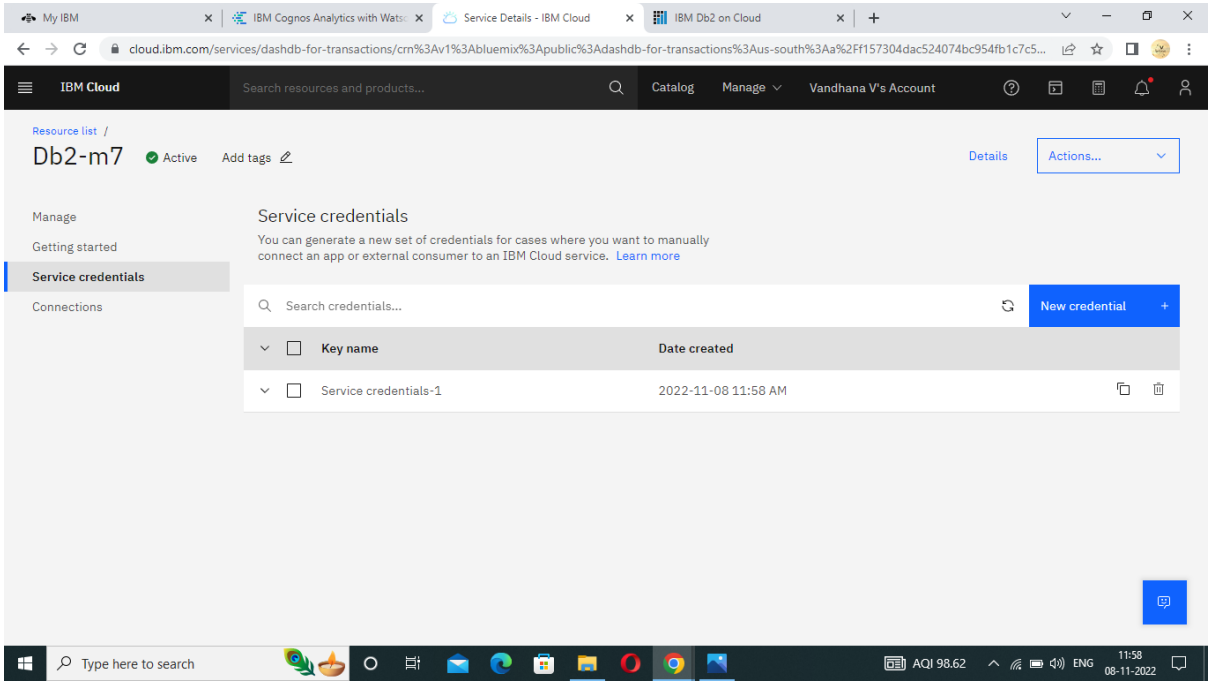
Step 6: Click on goto UI to know resource usage.



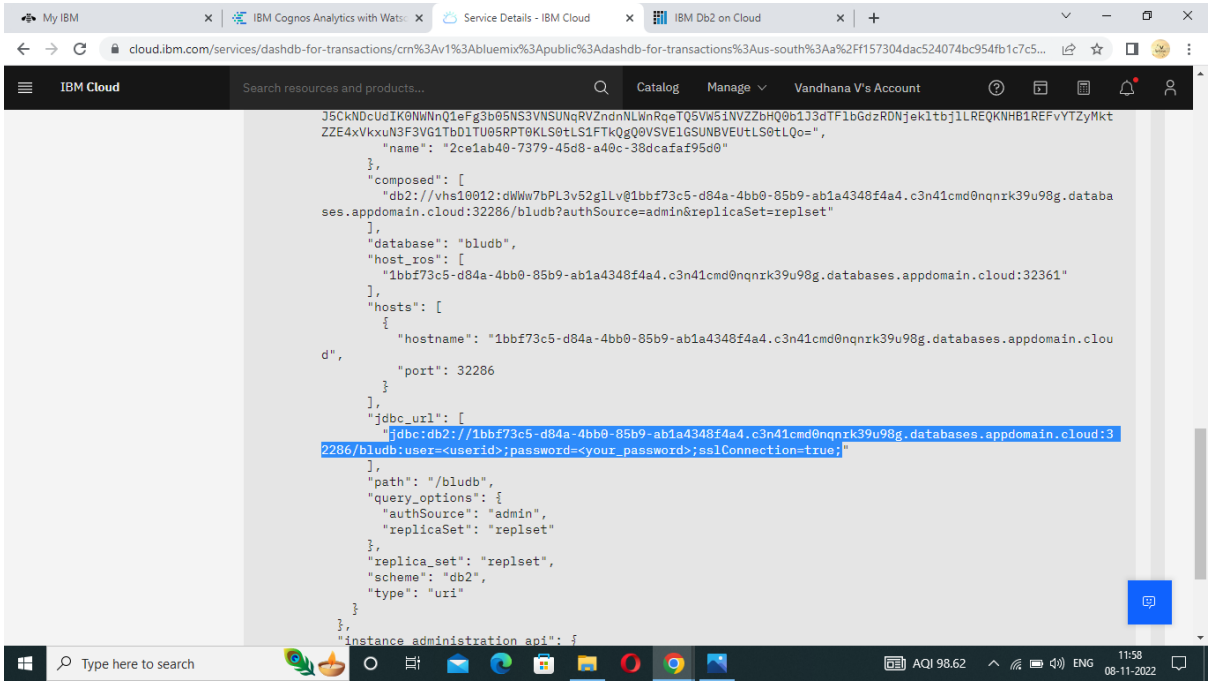
Step 7: Resource Usage of IBM Db2 on Cloud.



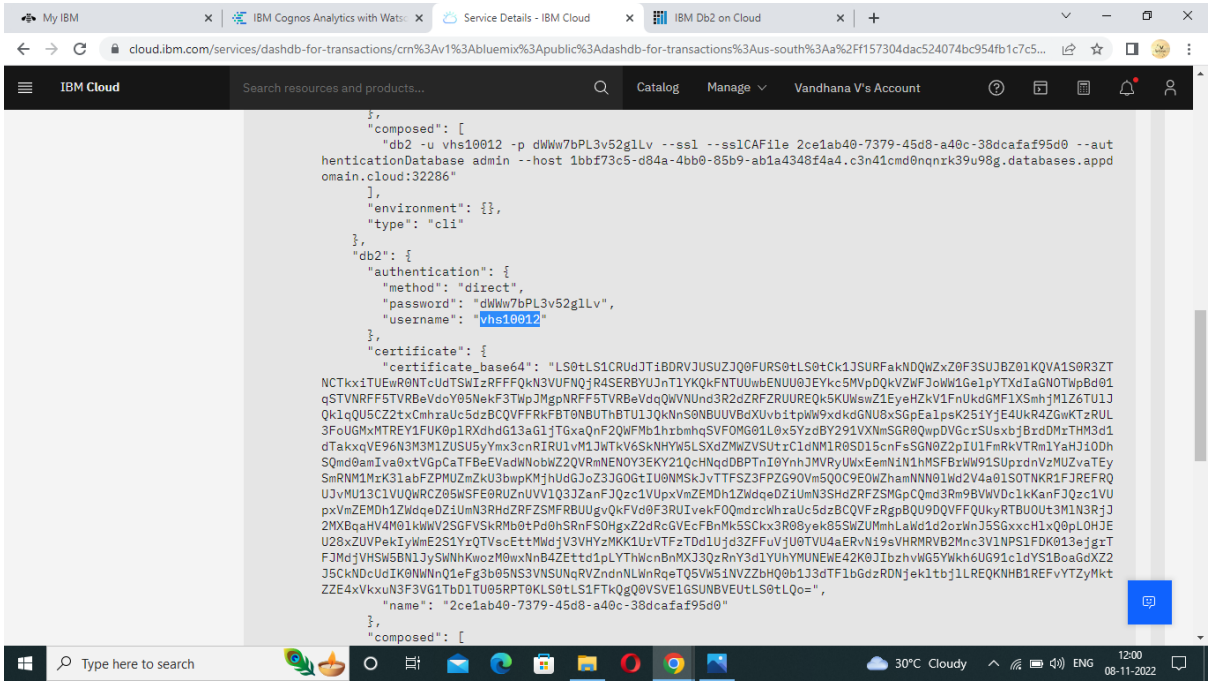
Step 8: Creation of new Service Credential.



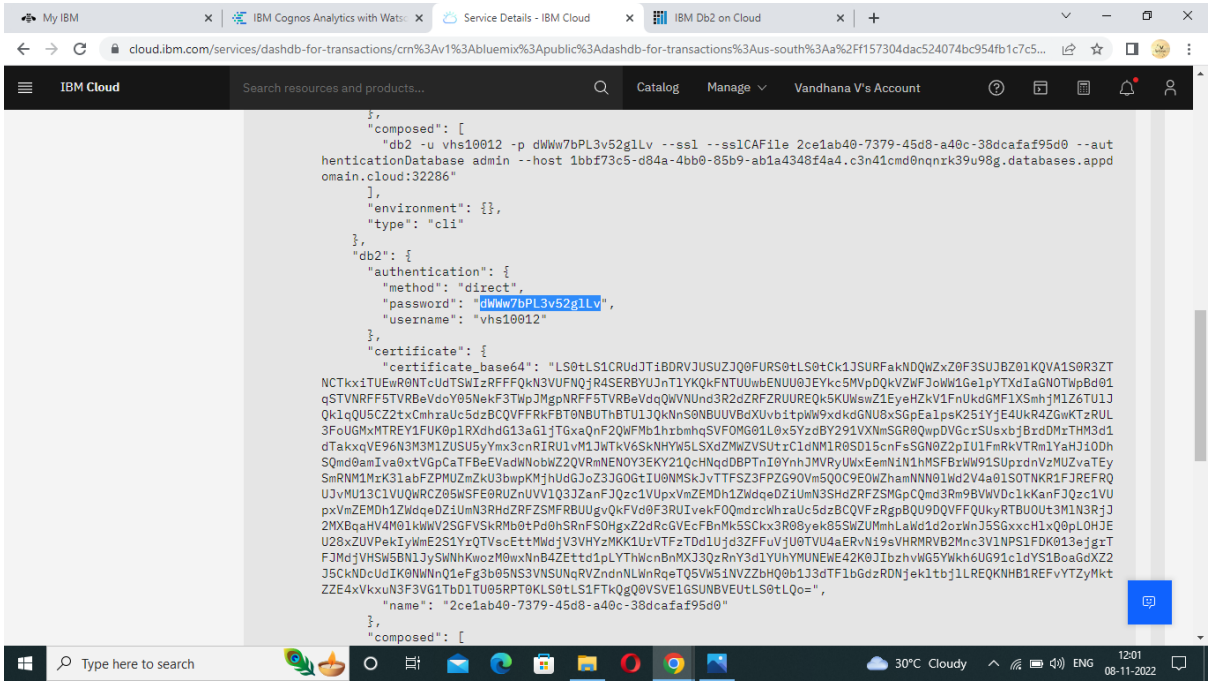
Step 9: Copy the jdbc url from the created service credential in IBM Cloud.



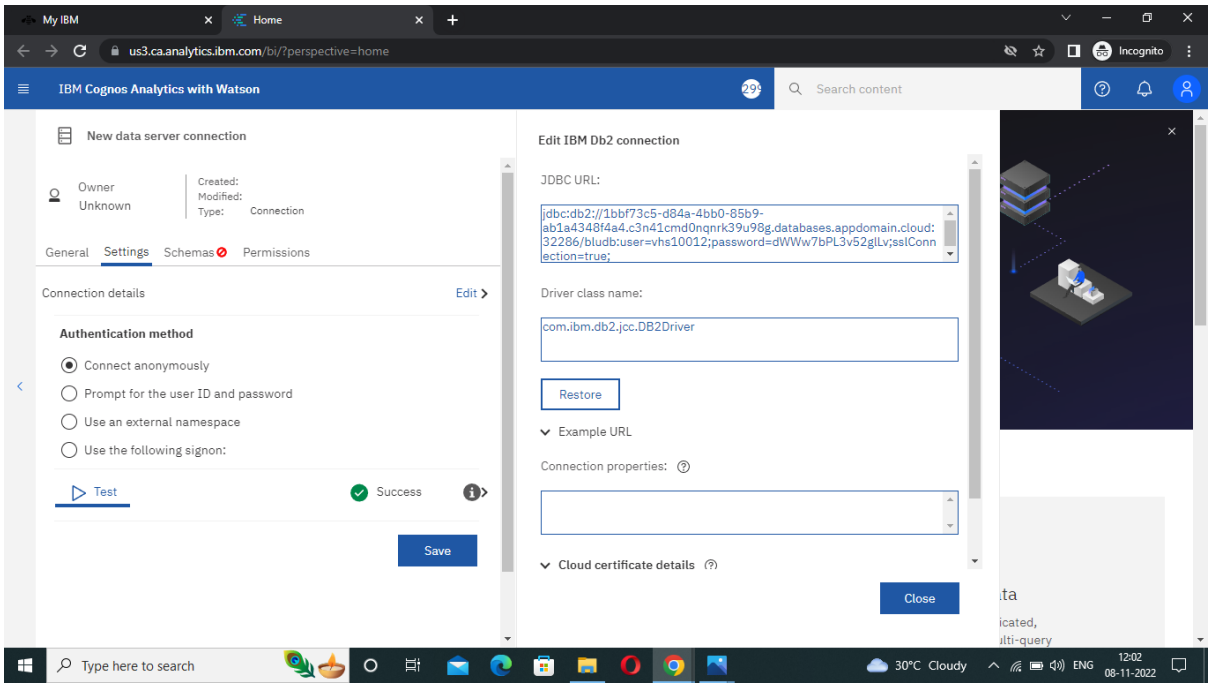
Step 10: Copy the username and paste in jdbc url in cognos for creating data server connection.



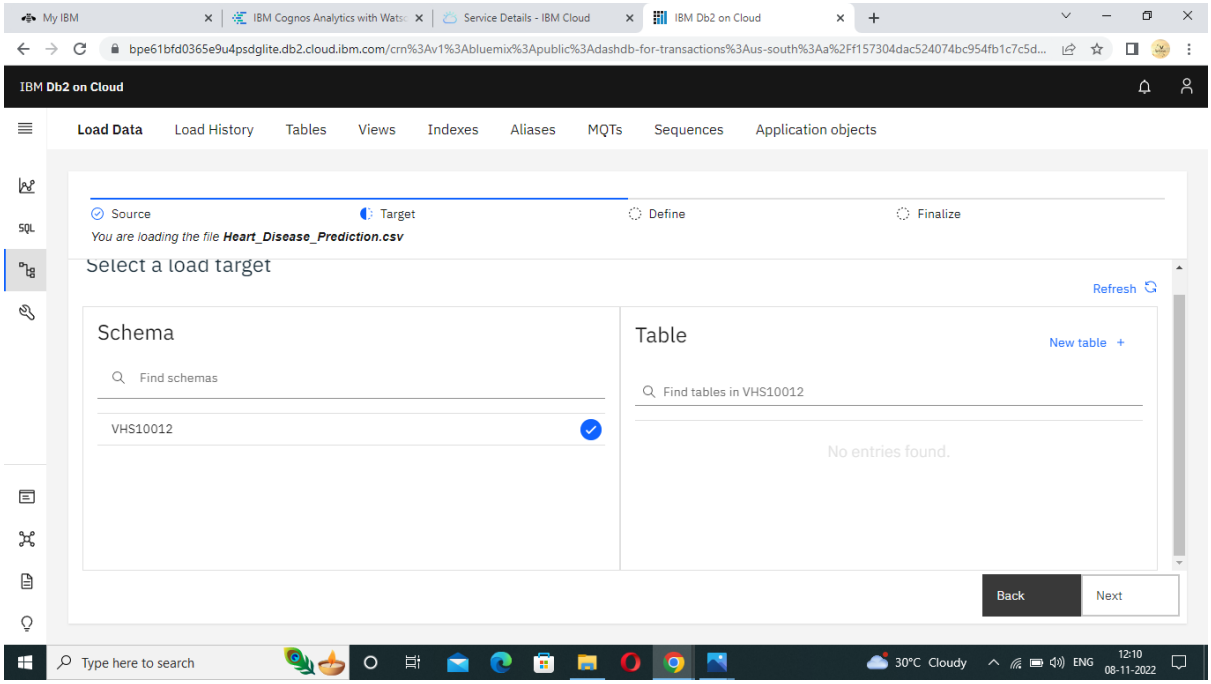
Step 11: Copy the password and paste in jdbc url in cognos.



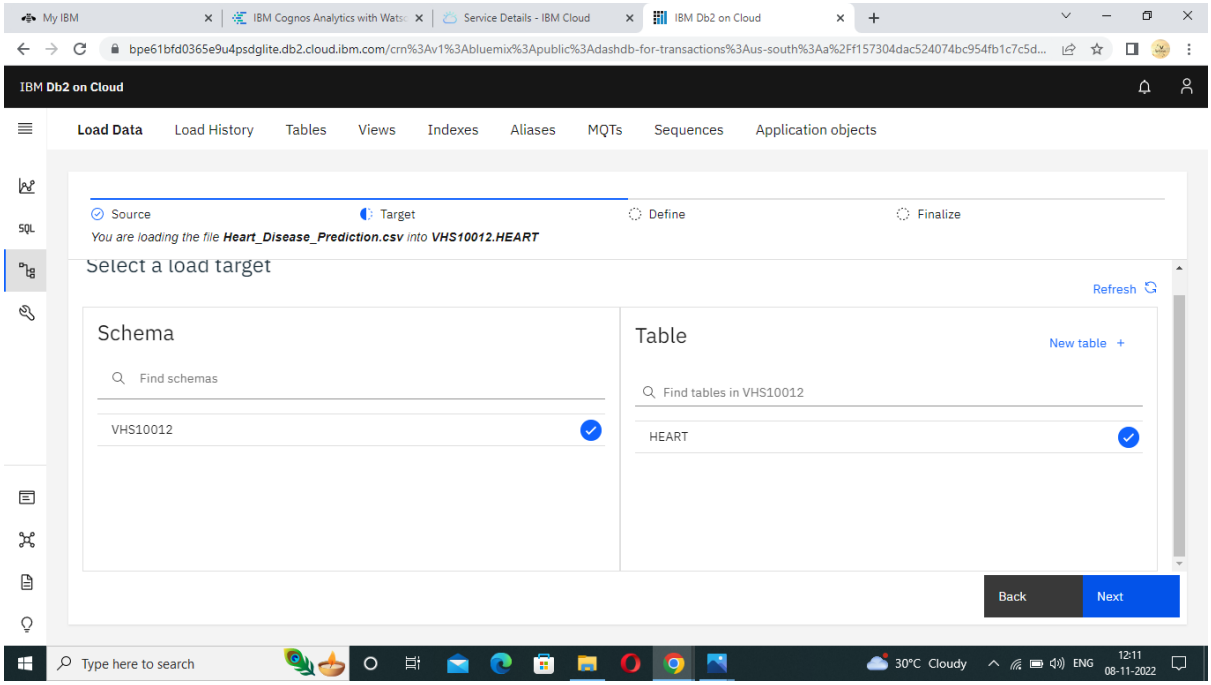
Step 12: Data Server Connection is created successfully.



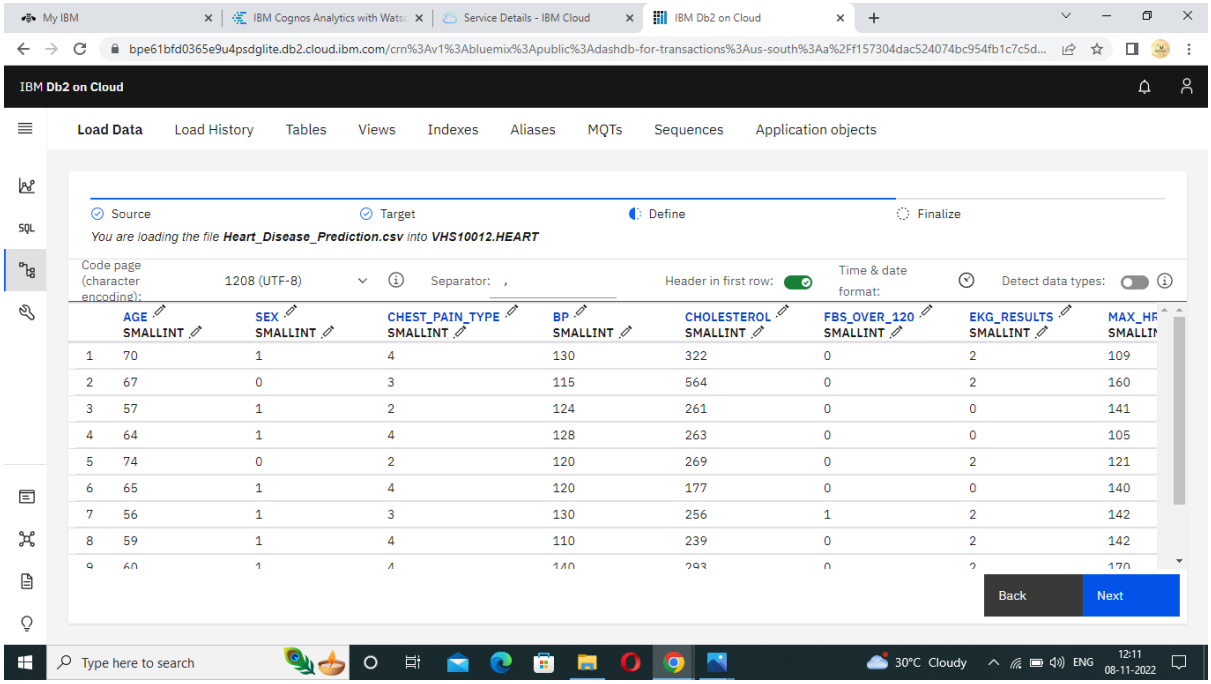
Step 13: In IBM Db2 Select a schema and create a table.



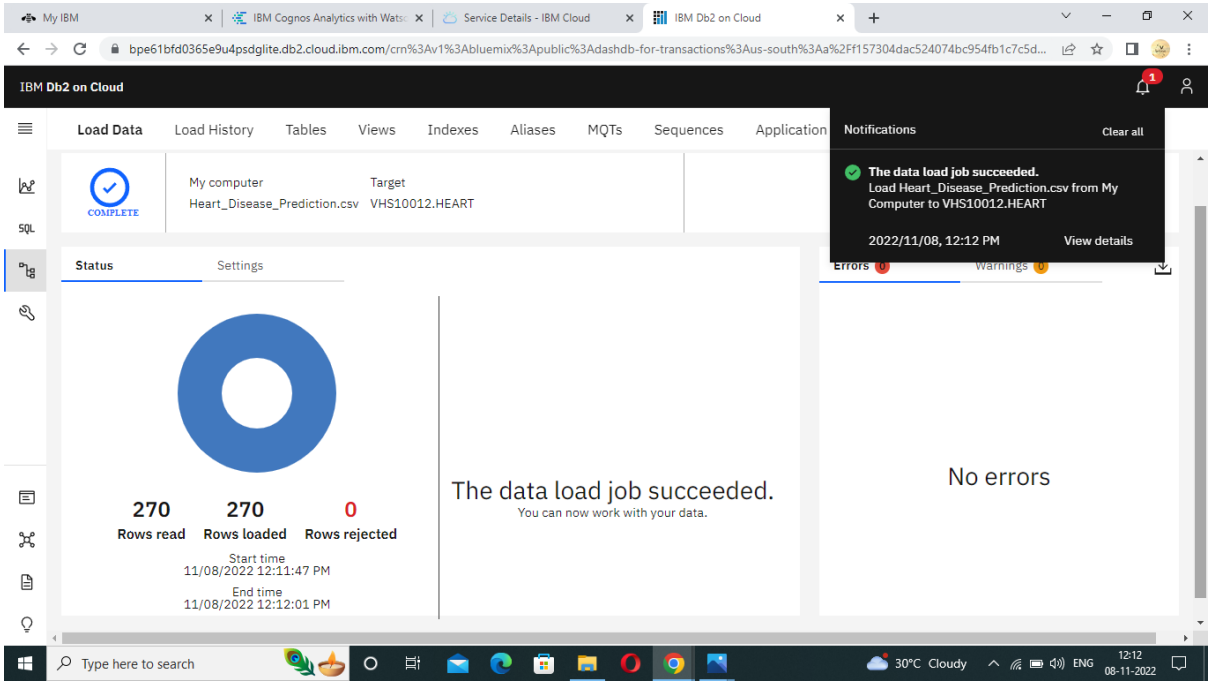
Step 14: Schema and table is created.



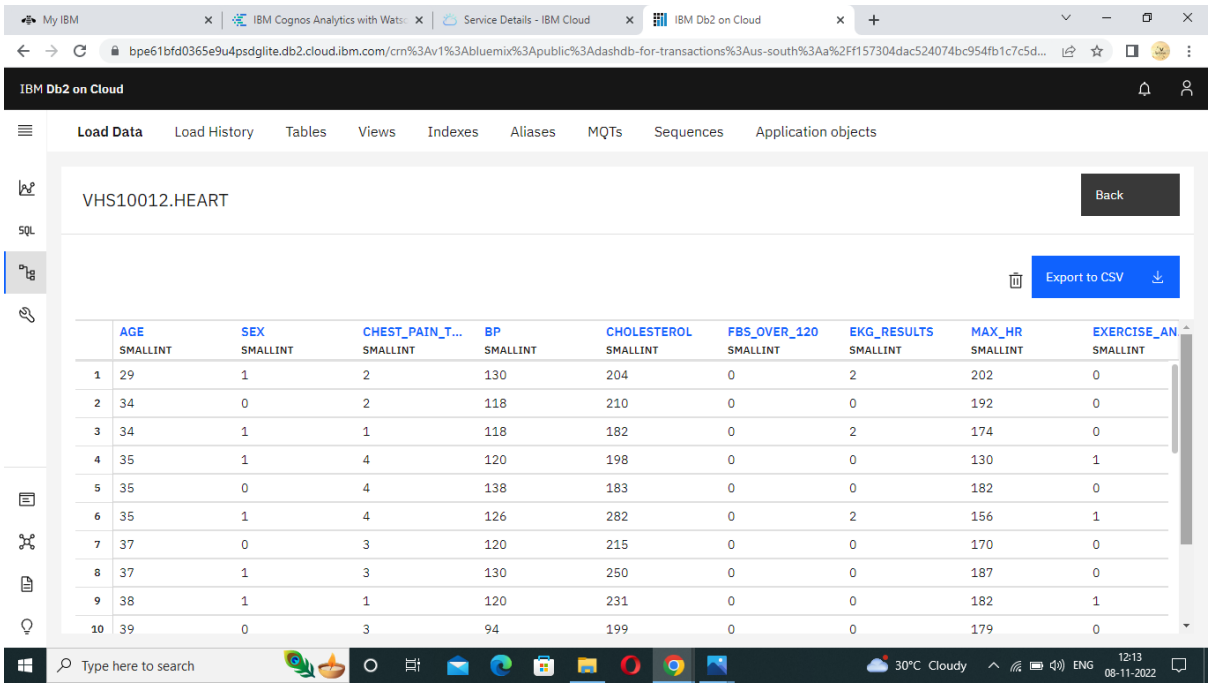
Step 15: It shows the creation of table.



Step 16: Data is loaded successfully in Db2.

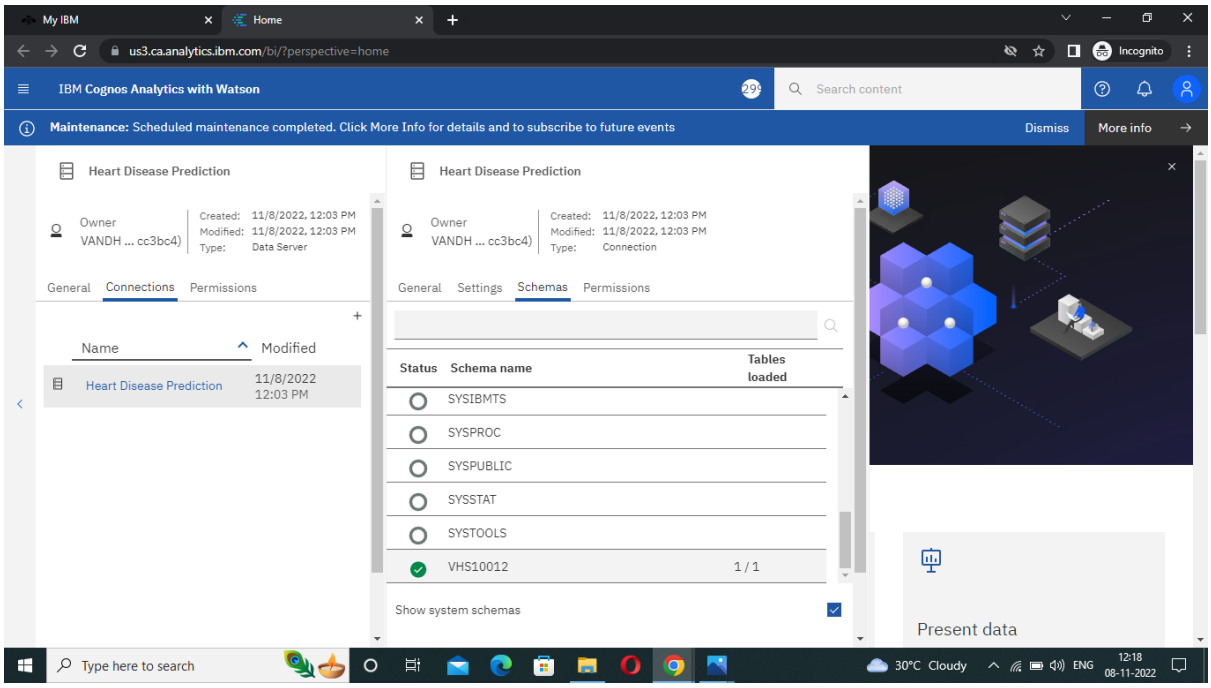


Step 17: The below table represent the data present in our dataset.



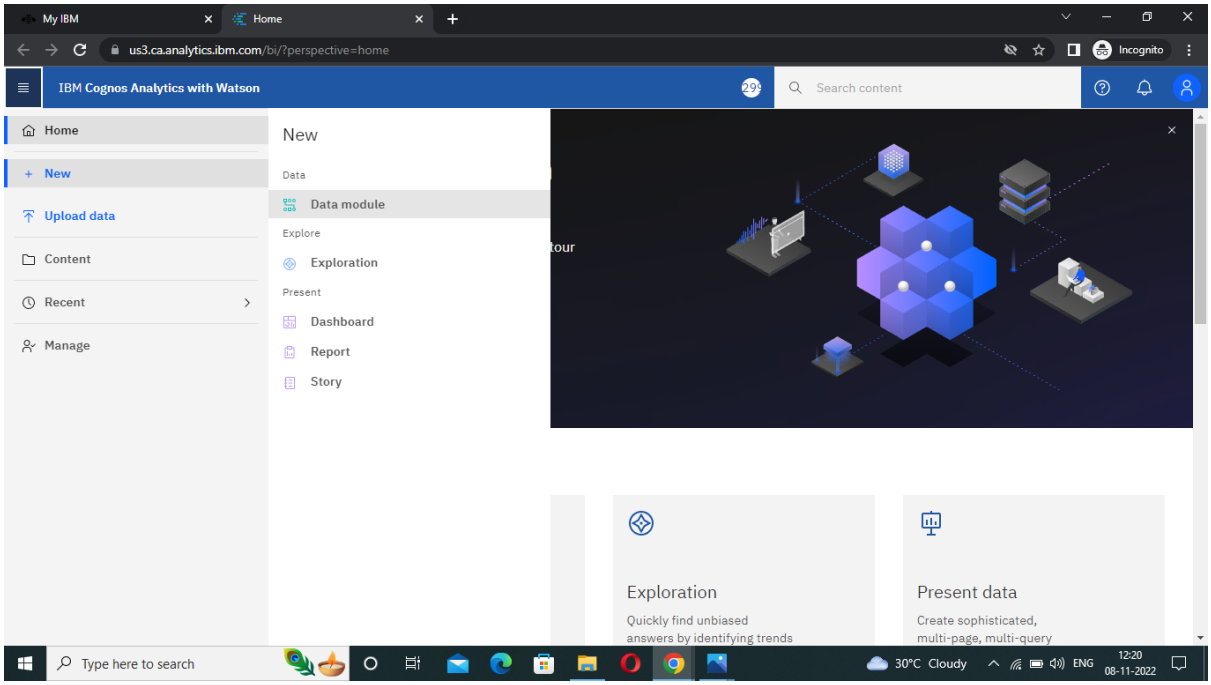
	AGE SMALLINT	SEX SMALLINT	CHEST_PAIN_T... SMALLINT	BP SMALLINT	CHOLESTEROL SMALLINT	FBS_OVER_120 SMALLINT	EKG_RESULTS SMALLINT	MAX_HR SMALLINT	EXERCISE_AN SMALLINT
1	29	1	2	130	204	0	2	202	0
2	34	0	2	118	210	0	0	192	0
3	34	1	1	118	182	0	2	174	0
4	35	1	4	120	198	0	0	130	1
5	35	0	4	138	183	0	0	182	0
6	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
9	38	1	1	120	231	0	0	182	1
10	39	0	3	94	199	0	0	179	0

Step 18: Loading of metadata and succesfully loaded data in cognos by server connection.

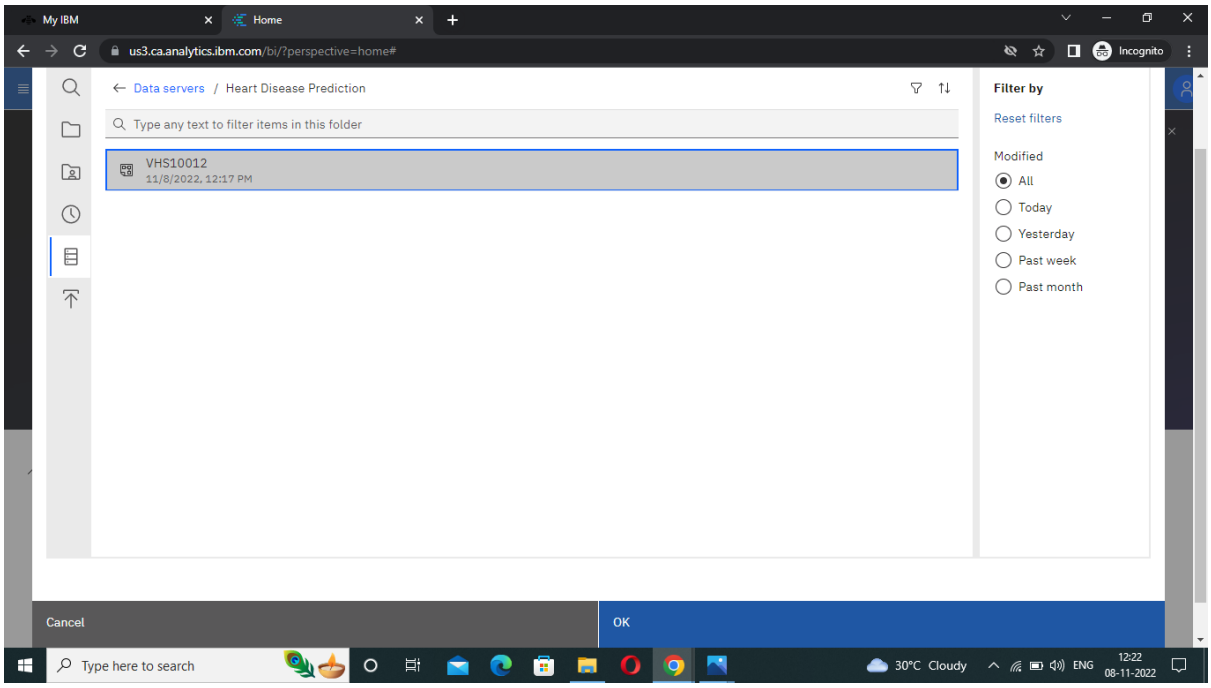


Creation of Data Module:

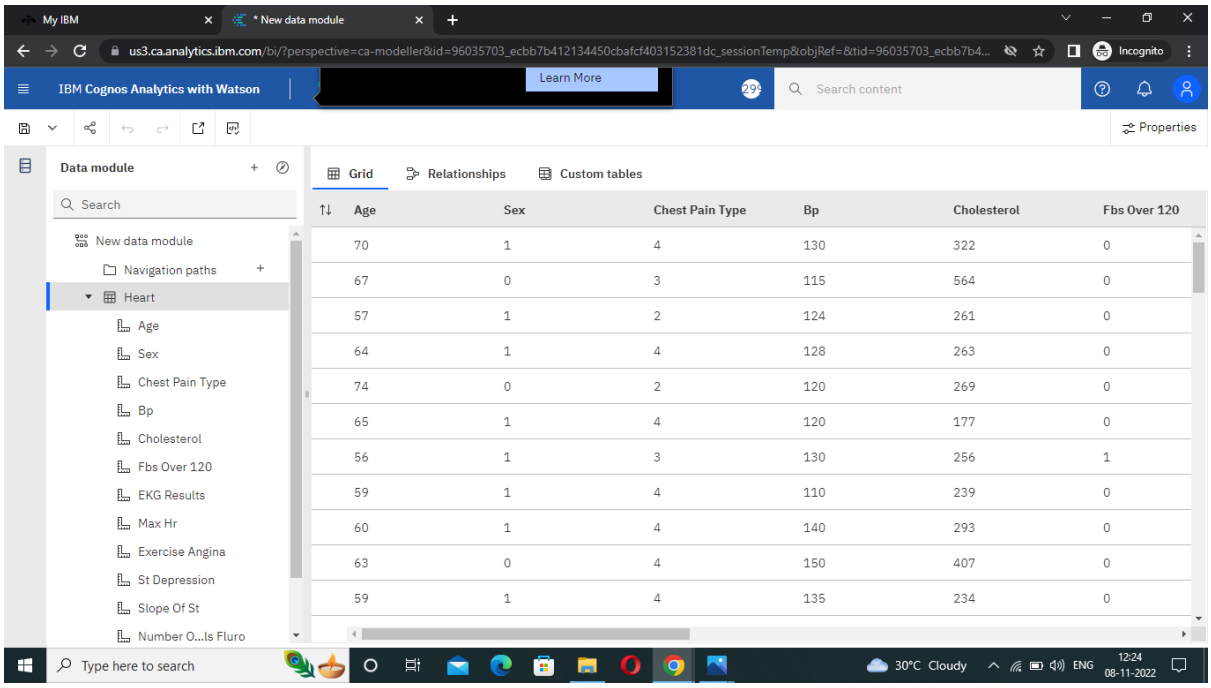
Step 1: creation of Data Module.



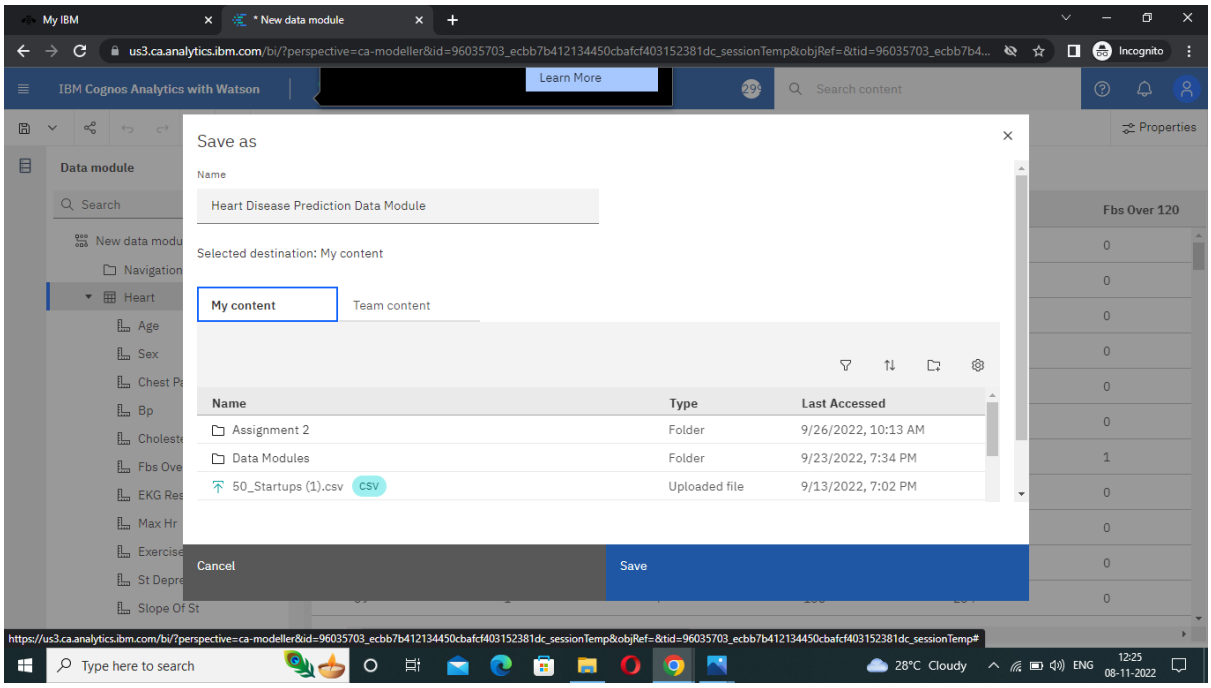
Step 2: Choosing of dataset in data server connection in cognos.



Step 3: Data Module is created successfully.



Step 4: Save the data module in my content.



Step 5: Representation of data module with data for heart disease prediction.