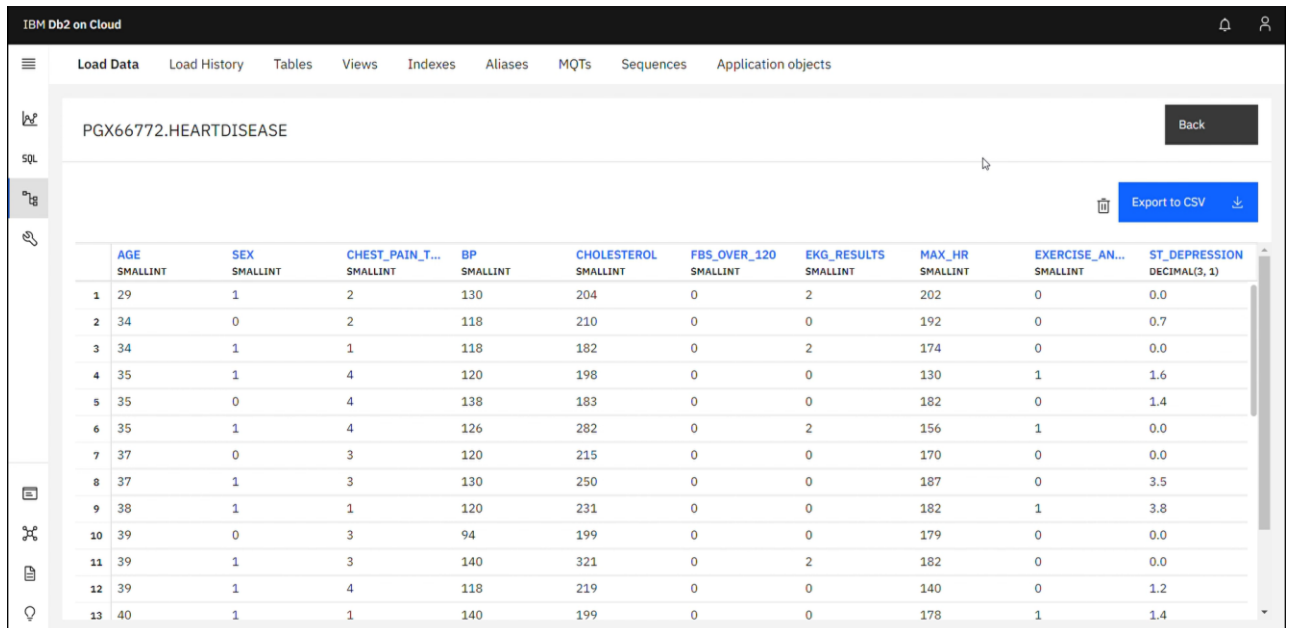


Project Development Phase SPRINT 2

Team ID	PNT2022TMID13634
Project Name	Visualizing and Predicting Heart Diseases with an Interactive DashBoard.

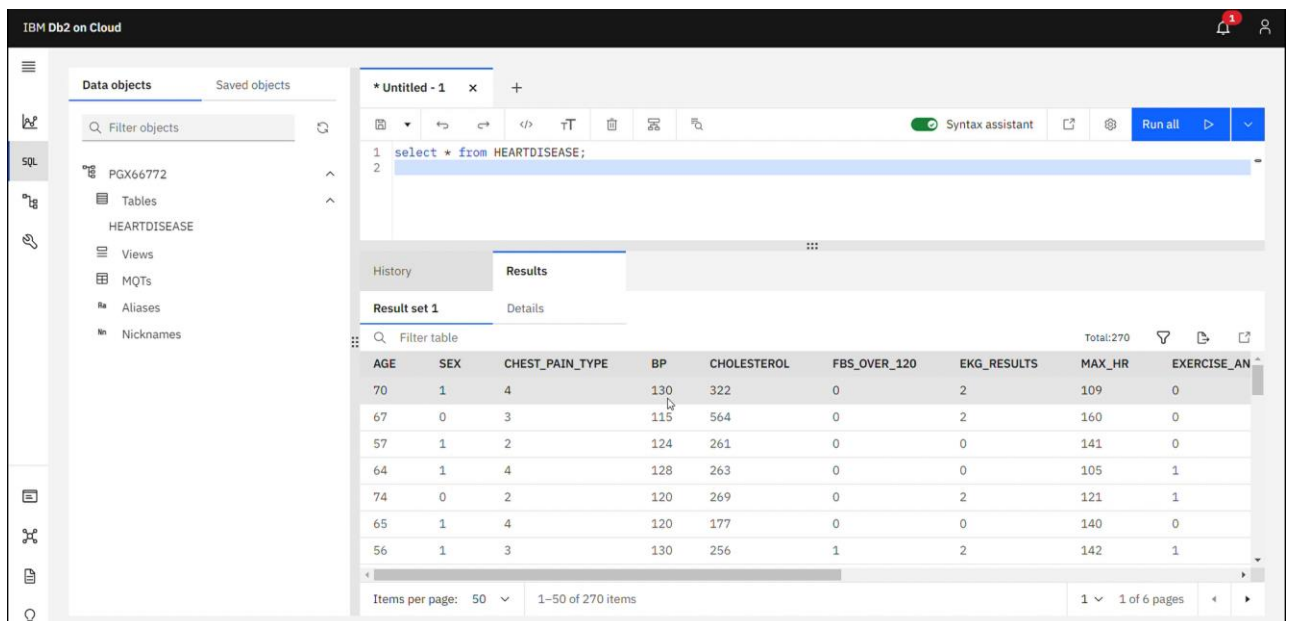
1. Once you load IBM DB2 shows of our table:



The screenshot shows the IBM Db2 on Cloud interface. The top navigation bar includes 'Load Data', 'Load History', 'Tables', 'Views', 'Indexes', 'Aliases', 'MQTs', 'Sequences', and 'Application objects'. The main area displays the table 'PGX66772.HEARTDISEASE'. A 'Back' button is in the top right. An 'Export to CSV' button is in the top right corner of the table area. The table has 11 columns: AGE, SEX, CHEST_PAIN_T..., BP, CHOLESTEROL, FBS_OVER_120, EKG_RESULTS, MAX_HR, EXERCISE_AN..., and ST_DEPRESSION. The data is displayed in a grid with 13 rows.

	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	ST_DEPRESSION DECIMAL(3, 1)
1	29	1	2	130	204	0	2	202	0	0.0
2	34	0	2	118	210	0	0	192	0	0.7
3	34	1	1	118	182	0	2	174	0	0.0
4	35	1	4	120	198	0	0	130	1	1.6
5	35	0	4	138	183	0	0	182	0	1.4
6	35	1	4	126	282	0	2	156	1	0.0
7	37	0	3	120	215	0	0	170	0	0.0
8	37	1	3	130	250	0	0	187	0	3.5
9	38	1	1	120	231	0	0	182	1	3.8
10	39	0	3	94	199	0	0	179	0	0.0
11	39	1	3	140	321	0	2	182	0	0.0
12	39	1	4	118	219	0	0	140	0	1.2
13	40	1	1	140	199	0	0	178	1	1.4

2. Checking the presence of dataset using SQL queries:



The screenshot shows the IBM Db2 on Cloud interface. The left sidebar shows 'Data objects' and 'Saved objects'. The main area displays a SQL query in a text editor: 'select * from HEARTDISEASE;'. The 'Results' tab is active, showing a table with 10 columns: AGE, SEX, CHEST_PAIN_TYPE, BP, CHOLESTEROL, FBS_OVER_120, EKG_RESULTS, MAX_HR, and EXERCISE_AN. The data is displayed in a grid with 10 rows. The bottom of the interface shows 'Items per page: 50' and '1-50 of 270 items'.

AGE	SEX	CHEST_PAIN_TYPE	BP	CHOLESTEROL	FBS_OVER_120	EKG_RESULTS	MAX_HR	EXERCISE_AN
70	1	4	130	322	0	2	109	0
67	0	3	115	564	0	2	160	0
57	1	2	124	261	0	0	141	0
64	1	4	128	263	0	0	105	1
74	0	2	120	269	0	2	121	1
65	1	4	120	177	0	0	140	0
56	1	3	130	256	1	2	142	1

3. Once load it connect with IBM cognos based upon our schema:

The screenshot displays the IBM Cognos Analytics interface. On the left, the 'Data server connections' panel shows a list of connections: 'Weather Company' (modified 31/03/2022 20:44) and 'db2' (modified 14/11/2022 10:57). The 'db2' connection is selected. The main panel shows the 'db2' connection details, including the owner 'Aarthi ... 3e6e70', creation/modification dates, and type 'Data Server'. The 'Connections' tab is active, showing a table with columns 'Name' and 'Modified'. Below this, the 'Schemas' tab is active, showing a table with columns 'Status', 'Schema name', and 'Tables loaded'. The table lists various schemas, including 'IBM_DSM_VIEWS', 'IBM_RTMON', 'IBM_RTMON_BASELINE', 'IBM_RTMON_DATA', 'IBM_RTMON_EVMON', 'IBM_RTMON_METADATA', 'PGX66772' (which is checked and shows '1/1' tables loaded), 'PROCMTGMT', and 'ST_INFORMTN_SCHEMA'. A 'Load metadata' button is visible next to the 'PGX66772' schema. A 'Load options' button is also present. The interface includes a search bar at the top and a 'New' button in the top right corner.

IBM Cognos Analytics with Watson

Content

Search content

< Data server connections

Name	Modified
Weather Company	31/03/2022 20:44
db2	14/11/2022 10:57

db2

Owner: Aarthi ... 3e6e70
Created: 14/11/2022, 10:57
Modified: 14/11/2022, 10:57
Type: Data Server

General Connections Permissions

Name	Modified
db2	14/11/2022 10:57

General Settings Schemas Permissions

Status	Schema name	Tables loaded
<input type="radio"/>	IBM_DSM_VIEWS	
<input type="radio"/>	IBM_RTMON	
<input type="radio"/>	IBM_RTMON_BASELINE	
<input type="radio"/>	IBM_RTMON_DATA	
<input type="radio"/>	IBM_RTMON_EVMON	
<input type="radio"/>	IBM_RTMON_METADATA	
<input checked="" type="radio"/>	PGX66772	1/1
<input type="radio"/>	PROCMTGMT	
<input type="radio"/>	ST_INFORMTN_SCHEMA	

Show system schemas

Load metadata

Load options

csv

New

4. Making up of Visualization:

