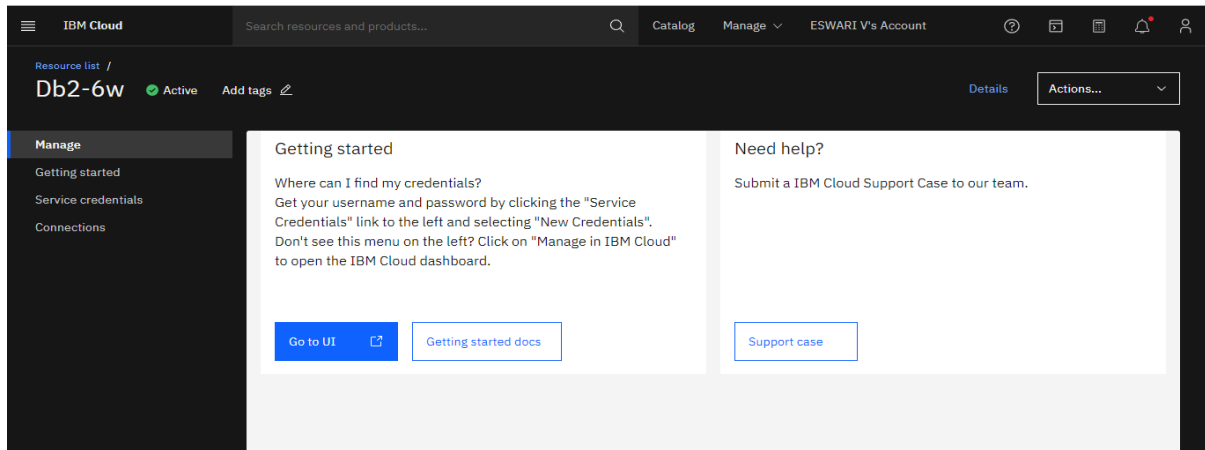


Final Deliverables

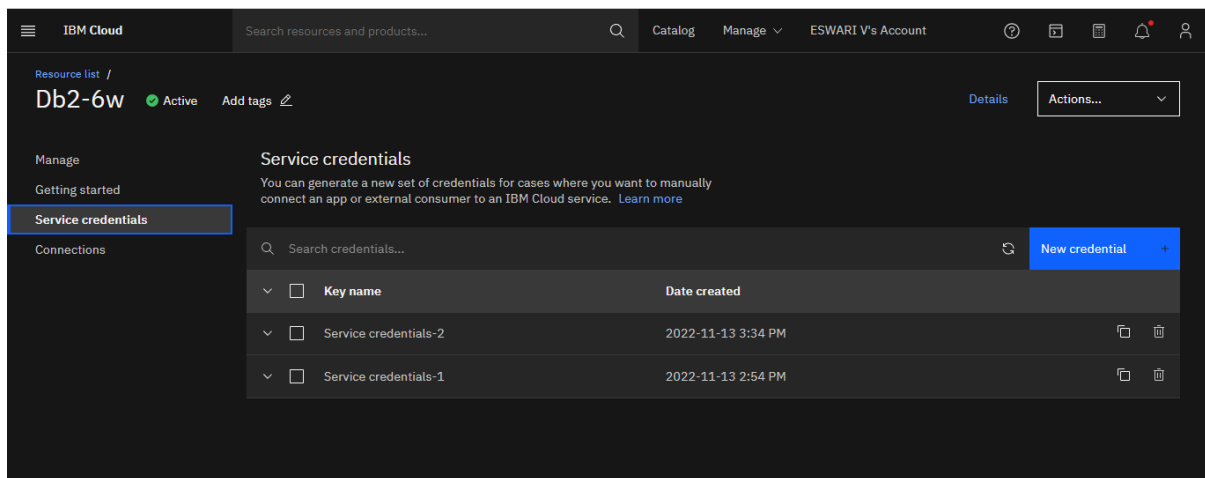
Connecting IBM DB2 with IBM Cognos

Date	19 November 2022
Team ID	PNT2022TMID40488
Project Name	Corporate Employee Attrition Analysis

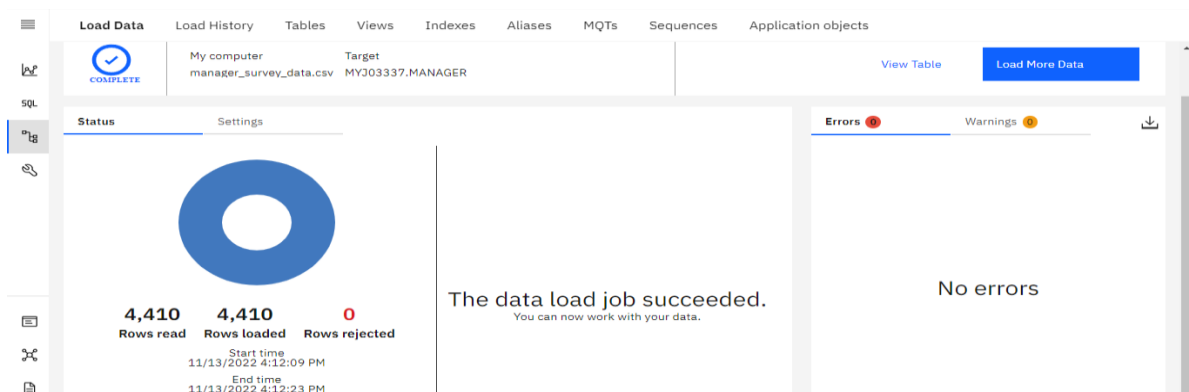
- To create the DB2 in IBM Cloud:



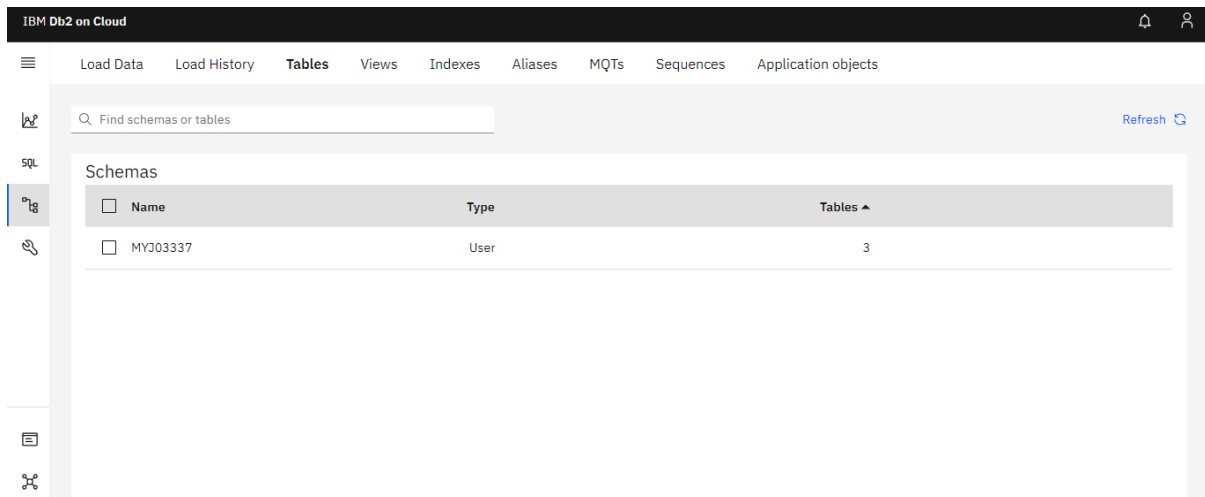
- To create service credentials in Cloud:



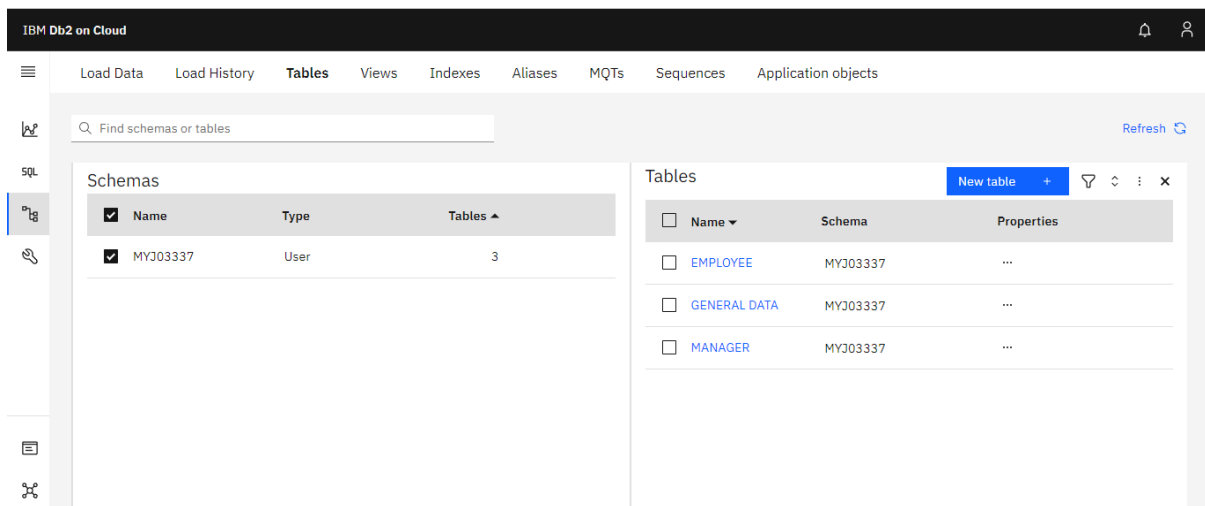
- Uploading the csv files in the cloud:



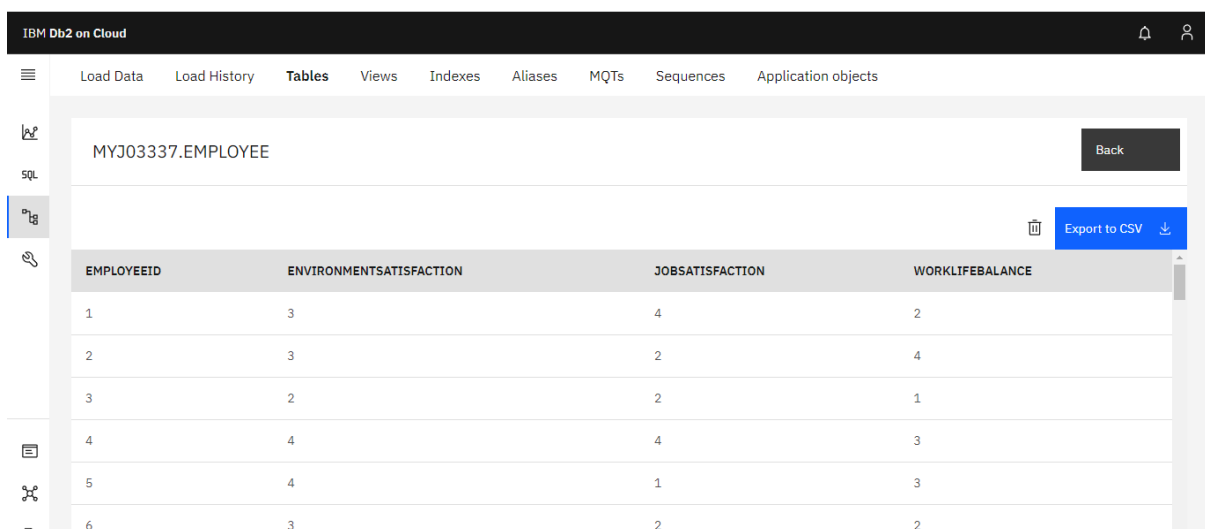
- To create the schemas with the three csv files uploaded:



- All the three csv files(Tables) are uploaded in the schemas:



- Displaying the employee table from the schemas:



- Displaying the general data table from the schemas:

IBM Db2 on Cloud

Load Data Load History **Tables** Views Indexes Aliases MQTs Sequences Application objects

MYJ03337.GENERAL DATA

Back

Export to CSV

AGE	ATTRITION	BUSINESS TRAVEL	DEPARTMENT	DISTANCE FROM HOME	EDUCATION	EDUCATION FIELD	EMPLOYEE COUNT	EMPLOYEE ID
18	Yes	Travel_Rarely	Research & Development	1	4	Life Sciences	1	39
18	No	Non-Travel	Research & Development	2	3	Life Sciences	1	3994
18	Yes	Travel_Frequently	Research & Development	3	5	Medical	1	3836
18	No	Non-Travel	Research & Development	1	4	Medical	1	3655
18	Yes	Non-Travel	Research & Development	2	4	Medical	1	3511

- Displaying the manager table from the schemas:

IBM Db2 on Cloud

Load Data Load History **Tables** Views Indexes Aliases MQTs Sequences Application objects

MYJ03337.MANAGER

Back

Export to CSV

EMPLOYEE ID	JOB INVOLVEMENT	PERFORMANCE RATING
1	3	3
2	2	4
3	3	3
4	2	3
5	3	3
6	3	3

- Connecting the IBM DB2 with IBM Cognos:

IBM Cognos Analytics with Watson

29° Search content

Data server connections

Name	Modified
DEMO_DB	11/13/2022 4:18 AM
Weather Company	3/31/2022 10:38 PM

Select a type

- Amazon Athena
- Amazon Redshift
- Cloudera Impala
- Denodo
- Dremio
- Exasol EXASolution
- Hive
- IBM Big SQL
- IBM Cloud Data Engine
- IBM Db2
- IBM Db2 for i
- IBM Db2 Warehouse

DEMO_DB

Owner: ESWA ... 82436b

Created: 11/13/2022, 4:18 AM
Modified: 11/13/2022, 4:18 AM
Type: Connection

General Settings Schemas Permissions

Connection details

Authentication method

☒ Connect anonymously

☐ Prompt for the user ID and password

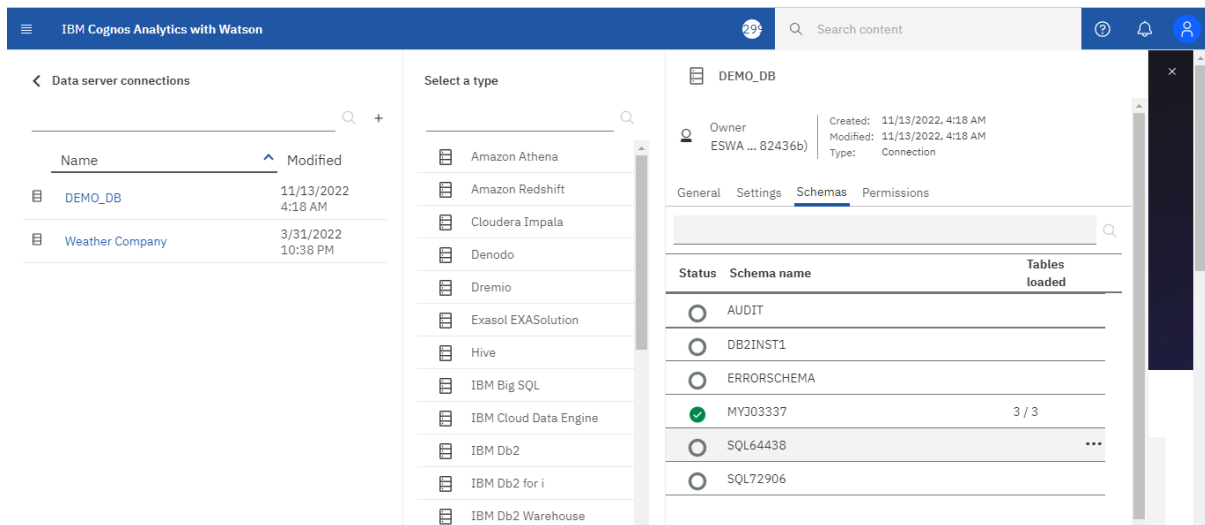
☐ Use an external namespace

☐ Use the following signon:

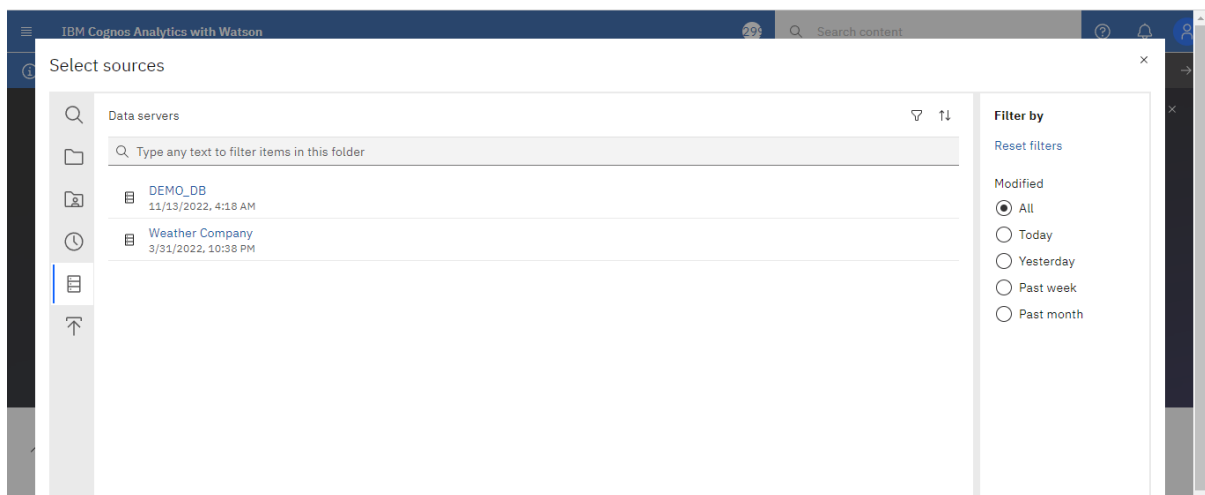
Test Success

Save

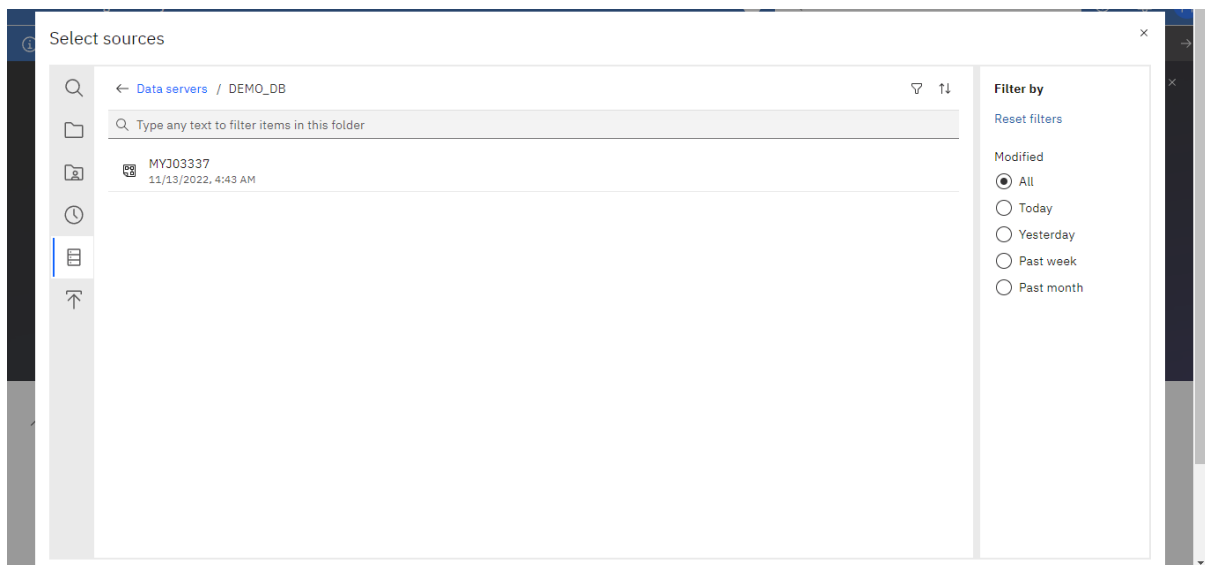
- Connecting the schemas in IBM Cognos:



- Loading the IBM DB2 in IBM Cognos for rendering the file:



- Loading the IBM DB2 schemas in IBM Cognos for rendering the file:



- Loading the IBM DB2 schema's tables in IBM Cognos :

Select tables

Available sources	Employeeid	Environmen...isfaction	Jobsatisfaction	Worklifebalance
Q Search	1	3	4	2
▼ MYJ03337	2	3	2	4
▶ Employee <input checked="" type="checkbox"/>	3	2	2	1
▶ General Data <input type="checkbox"/>	4	4	4	3
▶ Manager <input type="checkbox"/>	5	4	1	3
	6	3	2	2
	7	1	3	1
	8	1	2	3
	9	2	4	3
	10	2	1	3
	11	3	4	3
	12	NA	4	3
	13	4	1	3

Select tables

Available sources	Age	Attrition	Businesstravel	Department	Distancefromhome	Educat
Q Search	51	No	Travel_Rarely	Sales	6	2
▼ MYJ03337	31	Yes	Travel_Frequently	Research & Development	10	1
▶ Employee <input type="checkbox"/>	32	No	Travel_Frequently	Research & Development	17	4
▶ General Data <input checked="" type="checkbox"/>	38	No	Non-Travel	Research & Development	2	5
▶ Manager <input type="checkbox"/>	32	No	Travel_Rarely	Research & Development	10	1
	46	No	Travel_Rarely	Research & Development	8	3
	28	Yes	Travel_Rarely	Research & Development	11	2
	29	No	Travel_Rarely	Research & Development	18	3
	31	No	Travel_Rarely	Research & Development	1	3
	25	No	Non-Travel	Research & Development	7	4
	45	No	Travel_Rarely	Research & Development	17	2
	36	No	Travel_Rarely	Research & Development	28	1

Select tables

Available sources	Employeeid	Jobinvolvement	Performancerating
Q Search	1	3	3
▼ MYJ03337	2	2	4
▶ Employee <input type="checkbox"/>	3	3	3
▶ General Data <input type="checkbox"/>	4	2	3
▶ Manager <input checked="" type="checkbox"/>	5	3	3
	6	3	3
	7	3	4
	8	3	4
	9	3	4
	10	3	3
	11	2	3
	12	3	3
	13	3	3