

Data server Connection – Db2 Cloud

Cognos Db2 Connection using jdbc

The screenshot shows the IBM Cognos Analytics with Watson interface. On the left, under 'Data server connections', there is a table with two entries: 'Employee Attrition' (created 11/3/2022 4:50 AM) and 'Weather Company' (created 3/31/2022 8:44 PM). The 'Employee Attrition' connection is selected, and its details are shown on the right. The details include the owner 'Naga..40186a', creation and modification dates, and type 'Data Server'. Below this, there are tabs for 'General', 'Connections', 'Permissions', 'Settings', 'Schemas', and 'Permissions'. The 'Schemas' tab is active, showing a list of schemas with their status and the number of tables loaded. The 'FGF82289' schema is highlighted, showing 3/3 tables loaded.

Status	Schema name	Tables loaded
<input type="radio"/>	DSHSV1	
<input type="radio"/>	DSWEB	
<input type="radio"/>	DSWEBSECURITY	
<input type="radio"/>	ERRORSCHEMA	
<input checked="" type="radio"/>	FGF82289	3 / 3
<input type="radio"/>	HEALTHMETRICS	
<input type="radio"/>	IBMADT	
<input type="radio"/>	IBMCONSOLE	

Db2 – Load Data

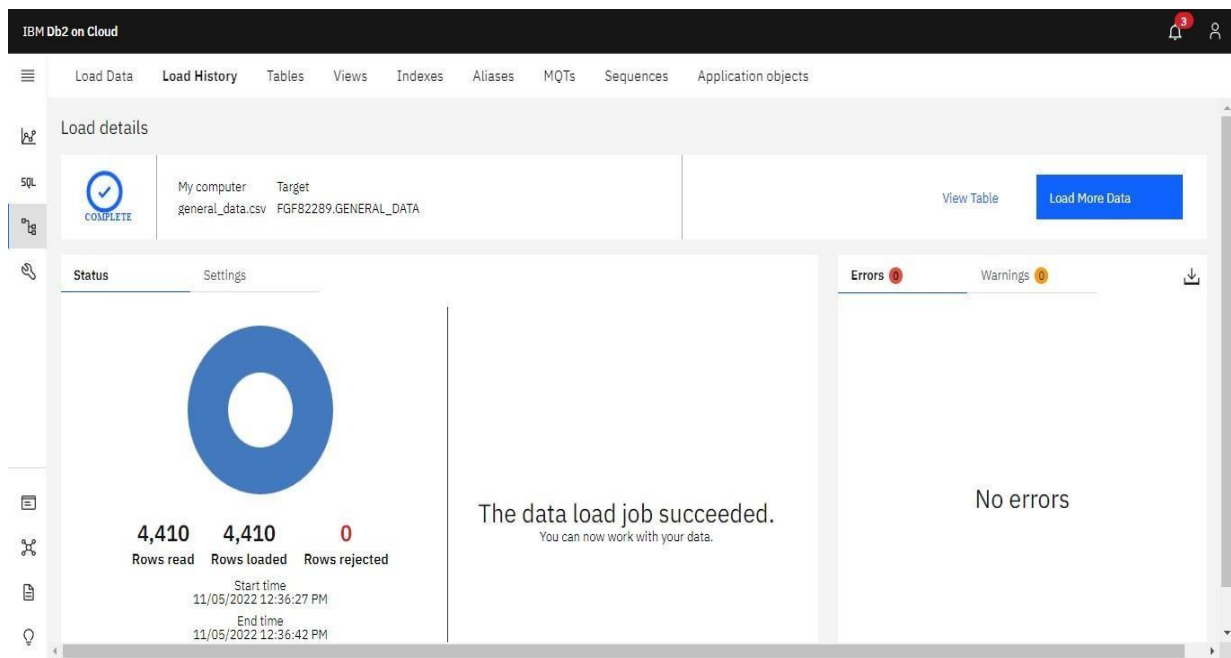
- Loading the employee survey data.csv in db2

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 'Load Data' tab is active, showing the 'Load details' section. It indicates that the load job is 'COMPLETE' and shows the source 'My computer' and target 'FGF82289.SURVEY_DATA'. Below this, there is a 'Status' section with a large blue donut chart and a summary of the load results: 4,410 rows read, 4,410 rows loaded, and 0 rows rejected. The start time is 11/05/2022 12:32:18 PM and the end time is 11/05/2022 12:32:32 PM. A message states 'The data load job succeeded. You can now work with your data.' On the right, there is an 'Errors' section with 0 errors and 0 warnings, and a 'Warnings' section with 0 warnings.

Rows read	Rows loaded	Rows rejected
4,410	4,410	0

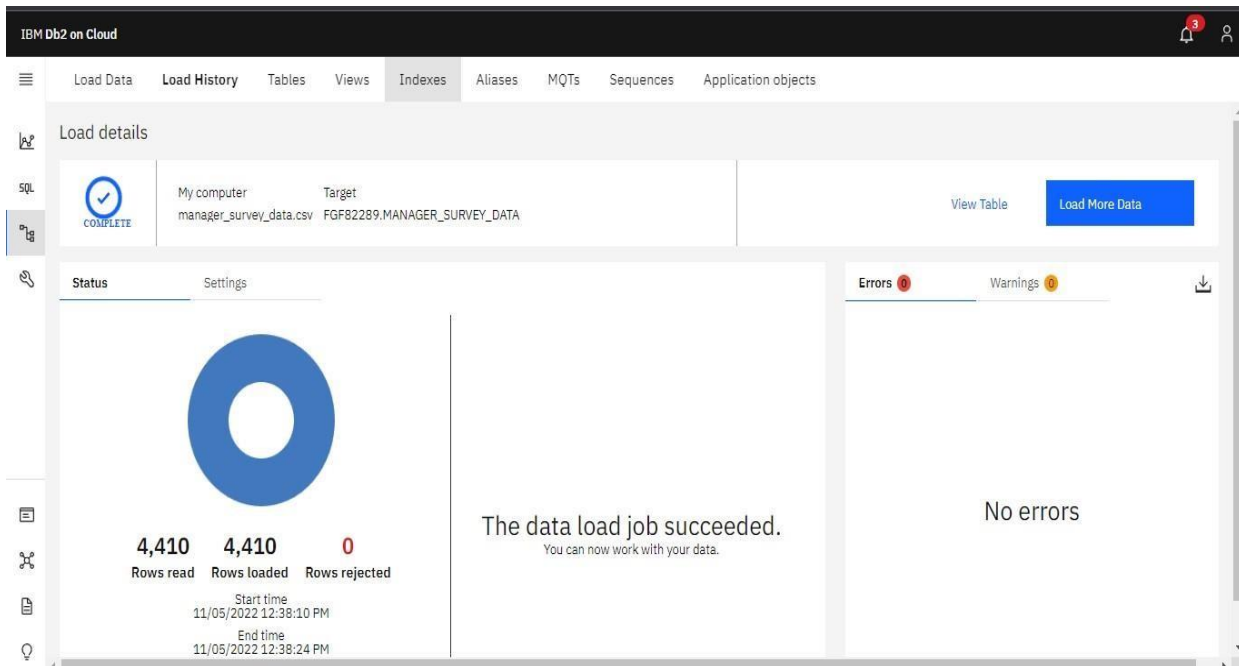
IBM Db2 on Cloud				
Load Data Load History Tables Views Indexes Aliases MQTs Sequences Application objects				
FGF82289.SURVEY_DATA				Back
				Export to CSV
	EMPLOYEEID SMALLINT	ENVIRONMENTSATISFACTION VARCHAR(2)	JOBSATISFACTION VARCHAR(2)	WORKLIFEBALANCE VARCHAR(2)
1	1	3	4	2
2	2	3	2	4
3	3	2	2	1
4	4	4	4	3
5	5	4	1	3
6	6	3	2	2
7	7	1	3	1
8	8	1	2	3
9	9	2	4	3
10	10	2	1	3

- Loading the general data.csv in Db2



IBM Db2 on Cloud										
Load Data Load History Tables Views Indexes Aliases MQTs Sequences Application objects										
FGF82289.GENERAL_DATA										
Export to CSV										
	AGE SMALLINT	ATTRITION VARCHAR(3)	BUSINESSSTRAV... VARCHAR(17)	DEPARTMENT VARCHAR(22)	DISTANCEFRO... SMALLINT	EDUCATION SMALLINT	EDUCATIONFIE... VARCHAR(16)	EMPLOYEECOU... SMALLINT	EMPLOYEEID SMALLINT	GENDER VARCHAR(6)
1	18	Yes	Travel_Rarely	Research & Develop	1	4	Life Sciences	1	39	Male
2	18	No	Non-Travel	Research & Develop	2	3	Life Sciences	1	3994	Male
3	18	Yes	Travel_Frequently	Research & Develop	3	5	Medical	1	3836	Male
4	18	No	Non-Travel	Research & Develop	1	4	Medical	1	3655	Male
5	18	Yes	Non-Travel	Research & Develop	2	4	Medical	1	3511	Male
6	18	No	Non-Travel	Sales	5	4	Other	1	3410	Male
7	18	Yes	Travel_Frequently	Research & Develop	2	3	Technical Degree	1	3140	Male
8	18	No	Travel_Rarely	Sales	7	3	Life Sciences	1	2984	Male
9	18	Yes	Travel_Rarely	Research & Develop	1	4	Life Sciences	1	2979	Male
10	18	No	Non-Travel	Research & Develop	2	3	Life Sciences	1	2524	Male
11	18	Yes	Travel_Frequently	Research & Develop	3	5	Medical	1	2366	Male

- Loading the manager_survey_data.csv in Db2



IBM Db2 on Cloud

3

Load Data

Load History

Tables

Views

Indexes

Aliases

MQTs

Sequences

Application objects

FGF82289.MANAGER_SURVEY_DATA

Back

Export to CSV

EMPLOYEEID SMALLINT	JOBINVOLVEMENT SMALLINT	PERFORMANCERATING SMALLINT
1 1	3	3
2 2	2	4
3 3	3	3
4 4	2	3
5 5	3	3
6 6	3	3
7 7	3	4
8 8	3	4
9 9	3	4
10 10	3	3
11 11	2	3

bpet1bfd0365e9u4psdglite.db2.cloud.ibm.com/.../index.html

Load History

IBM Db2 on Cloud

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Load Data

Load History

Tables

Views

Indexes

Aliases

MQTs

Sequences

Application objects

Load Data +

STATUS	SOURCE	FILENAME	TARGET	REQUESTED BY	ROWS LOADED	ROWS REJECTED
Success	My computer	manager_survey_data.c	FGF82289.MANAGE	fgf82289	4410	0
Success	My computer	general_data.csv	FGF82289.GENERAL	fgf82289	4410	0
Success	My computer	employee_survey_data.	FGF82289.SURVEY_	fgf82289	4410	0

Db2 - Tables

IBM Db2 on Cloud

Load DataLoad History**Tables**ViewsIndexesAliasesMQTsSequencesApplication objects

Find schemas or tables

Refresh

Schemas

<input checked="" type="checkbox"/>	Name	Type	Tables
<input checked="" type="checkbox"/>	FGF82289	User	3

Total: 1, selected: 1

Tables

New table

☐

Name

☐

GENERAL_DATA

☐

MANAGER_SURVEY_...

☐

SURVEY_DATA

Schema

FGF82289

FGF82289

FGF82289

FGF82289

Properties

...

...

...

...

Total: 3, selected: 0