

Project Development Phase

Sprint Delivery 2

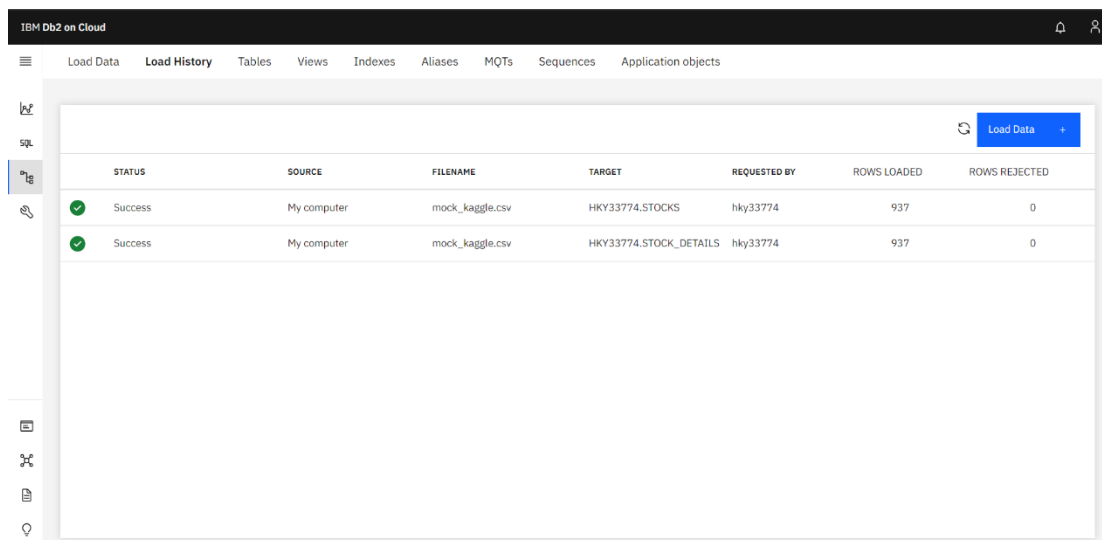
Team ID	PNT2022TMID08875
Project Name	Retail Store Stock Inventory Analysis

Project Development Phase:

Sprint 2:

- Uploading the dataset into the database cloud in IBM
- Connecting the database and fetching the data from IBM db2 database
- Prepare the dataset and doing the relationship

Uploading Dataset into DB2:



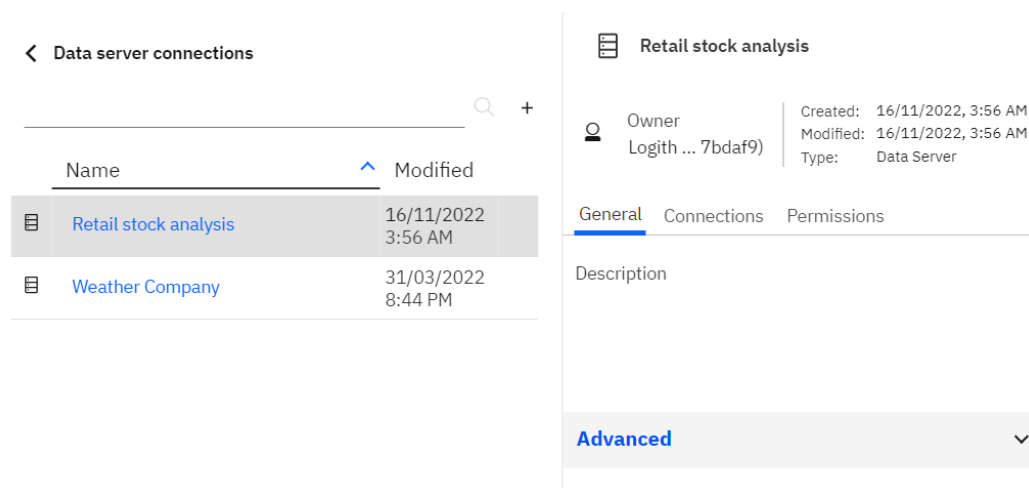
IBM Db2 on Cloud

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	mock_kaggle.csv	HKY33774.STOCKS	hky33774	937	0
Success	My computer	mock_kaggle.csv	HKY33774.STOCK_DETAILS	hky33774	937	0

Database Connection with Cognos:



< Data server connections

Search +

Name	Modified
Retail stock analysis	16/11/2022 3:56 AM
Weather Company	31/03/2022 8:44 PM

Retail stock analysis

Owner: Logith ... 7bdaf9)

Created: 16/11/2022, 3:56 AM
Modified: 16/11/2022, 3:56 AM
Type: Data Server

General Connections Permissions

Description

Advanced

Preparing the dataset in Cognos:

The screenshot shows the IBM Cognos Analytics interface. On the left, the 'Data module' pane is open, showing a search bar and a tree view with 'New data module', 'Navigation paths', 'Stocks', and 'Data'. The 'Data' item is selected. The main area displays a table with columns: 'Data', 'Sales', 'Inventory', and 'Price'. The table contains 14 rows of data, with dates from 2014-01-01 to 2014-01-14.

Data	Sales	Inventory	Price
2014-01-01	0	4972	1.29
2014-01-02	70	4902	1.29
2014-01-03	59	4843	1.29
2014-01-04	93	4750	1.29
2014-01-05	96	4654	1.29
2014-01-06	145	4509	1.29
2014-01-07	179	4329	1.29
2014-01-08	321	4104	1.29
2014-01-09	125	4459	1.09
2014-01-10	88	5043	1.09
2014-01-11	188	5239	1.09
2014-01-12	121	5118	1.09
2014-01-13	134	4984	1.09
2014-01-14	80	4904	1.09

The screenshot shows the 'Create calculation' dialog box. The 'Name' field is 'Calculation name'. The 'Expression' field contains the formula '1 month(DATA_)'. The 'Components' pane on the left shows the same tree view as the first screenshot. The 'Preview' section shows a table with two rows of data.

Calculation name	Data
1	2014-01-01
1	2014-01-02

At the bottom of the dialog, there is a checkbox for 'Calculate after aggregation' and two buttons: 'Cancel' and 'OK'.