

Project Development Phase Sprint Delivery 2

Team ID	PNT2022TMID08878
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:

The screenshot shows the IBM Db2 on Cloud web interface. The 'Load History' tab is selected, displaying a table of load operations. The table has columns: STATUS, SOURCE, FILENAME, TARGET, REQUESTED BY, ROWS LOADED, and ROWS REJECTED. Two successful load operations are listed, both from 'My computer' using 'mock_kaggle.csv' to 'DRT84819.INVEN' and 'DRT84819.STOCK' respectively, each loading 937 rows with 0 rejections.

STATUS	SOURCE	FILENAME	TARGET	REQUESTED BY	ROWS LOADED	ROWS REJECTED
Success	My computer	mock_kaggle.csv	DRT84819.INVEN	drt84819	937	0
Success	My computer	mock_kaggle.csv	DRT84819.STOCK	drt84819	937	0

Database Connection with Cognos:

The screenshot shows the Cognos Data Manager interface. On the left, the 'Data server connections' list shows two connections: 'Retail stock analysis' (created 16/11/2022 3:56 AM) and 'Weather Company' (created 31/03/2022 8:44 PM). On the right, the 'Retail stock analysis' connection is selected, showing its properties: Owner (Logith ... 7bdaf9), Created (16/11/2022, 3:56 AM), Modified (16/11/2022, 3:56 AM), and Type (Data Server). The 'General' tab is active, and the 'Advanced' section is collapsed.

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

Preparing the dataset in Cognos:

The screenshot shows the IBM Cognos Analytics with Watson interface. The top bar includes the title 'IBM Cognos Analytics with Watson', a dropdown menu for 'New data module', a search bar, and user profile icons. The left sidebar shows a 'Data module' section with a search bar and a tree view containing 'New data module', 'Navigation paths', 'Stocks', 'Data', 'Sales', 'Inventory', and 'Price'. The 'Data' module is selected, and its grid view is displayed. The grid has columns for 'Data', 'Sales', 'Inventory', and 'Price', showing a list of dates from 2014-01-01 to 2014-01-14 with corresponding values.

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 in IBM Cognos Analytics with Watson. The dialog has a 'Name' field with the value 'Calculation name'. The 'Components' section on the left shows a tree view with 'Stocks', 'Data', 'Sales', 'Inventory', and 'Price'. The 'Expression' field contains the formula '1 month(DATA_)'. Below the expression field is a 'Preview' section showing a table with two columns: 'Calculation name' and 'Data'. The table contains two rows: '1' and '2014-01-01', and '1' and '2014-01-02'. At the bottom of the dialog, there is a checkbox for 'Calculate after aggregation' and two buttons: 'Cancel' and 'OK'.

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