

Project Development Phase

SPRINT-1

Team ID	PNT2022TMID15255
Project Name	Project – Retail Store Stock Inventory Analytics

SPRINT-1:

Data Collection

Data Preparation

DATA COLLECTION:

1. Download the dataset

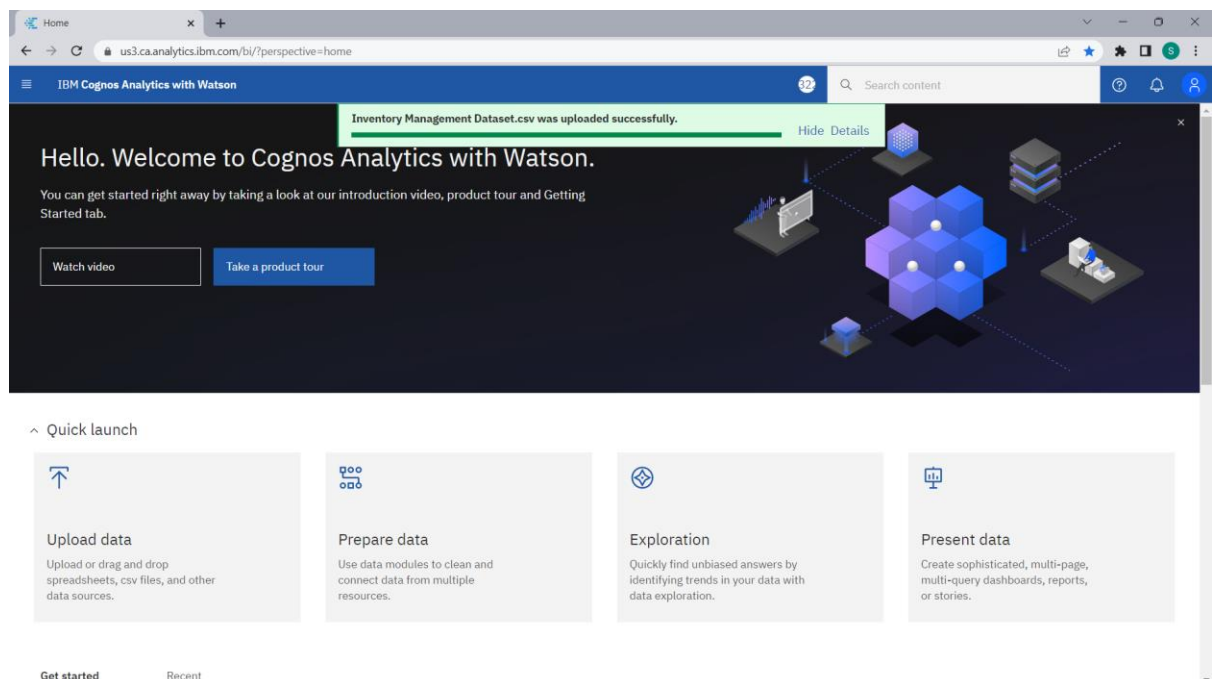
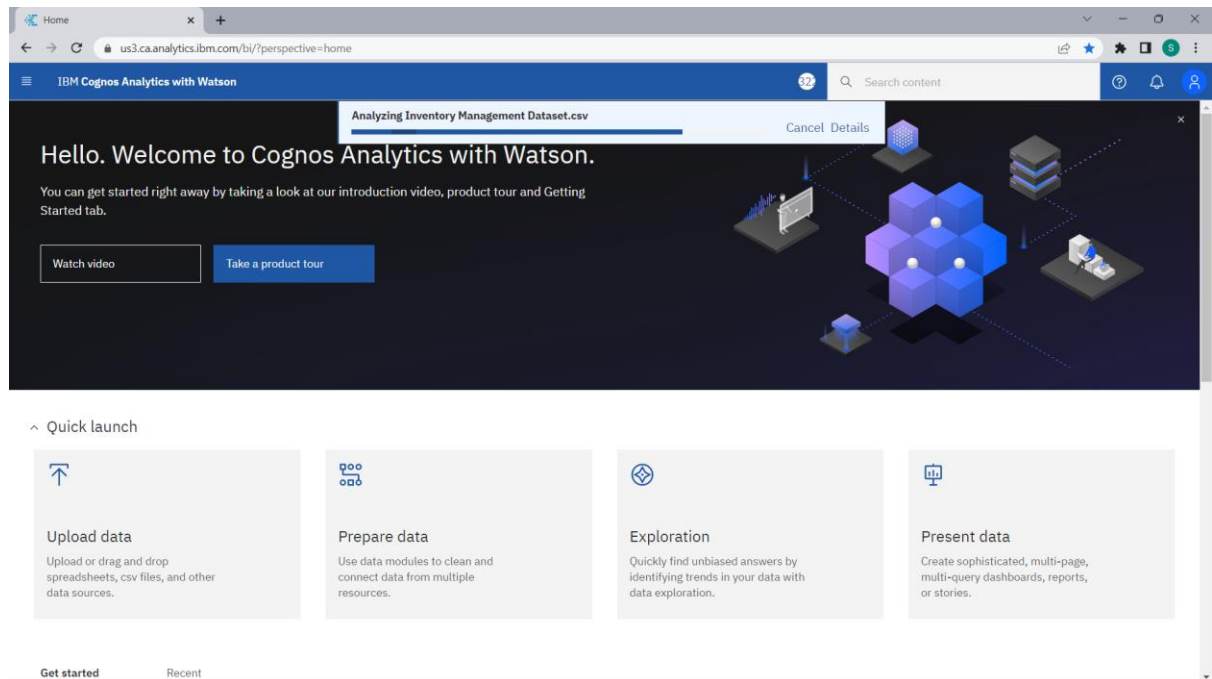
Dataset link -

<https://drive.google.com/file/d/1awFIKJ9LiIdnNHwGLcsqNDbbwshFHR-w/view>

A	B	C	D
data	venda	estoque	preco
#####	0	4972	1.29
#####	70	4902	1.29
#####	59	4843	1.29
#####	93	4750	1.29
#####	96	4654	1.29
#####	145	4509	1.29
#####	179	4329	1.29
#####	321	4104	1.29
#####	125	4459	1.09
#####	88	5043	1.09
#####	188	5239	1.09
#####	121	5118	1.09
#####	134	4984	1.09
#####	80	4904	1.09
#####	82	4822	1.09
#####	94	4728	1.19
#####	159	4464	1.19
#####	199	4265	1.19
#####	104	4161	1.19
#####	70	4091	1.19
#####	127	3964	1.09
#####	96	3868	1.09
#####	75	3793	1.09
#####	198	3595	1.09
#####	168	3427	1.09
#####	125	3302	1.09
#####	86	3216	1.09
#####	222	2994	0.99

2. Loading the dataset

Tool Used – IBM Cognos Analytics

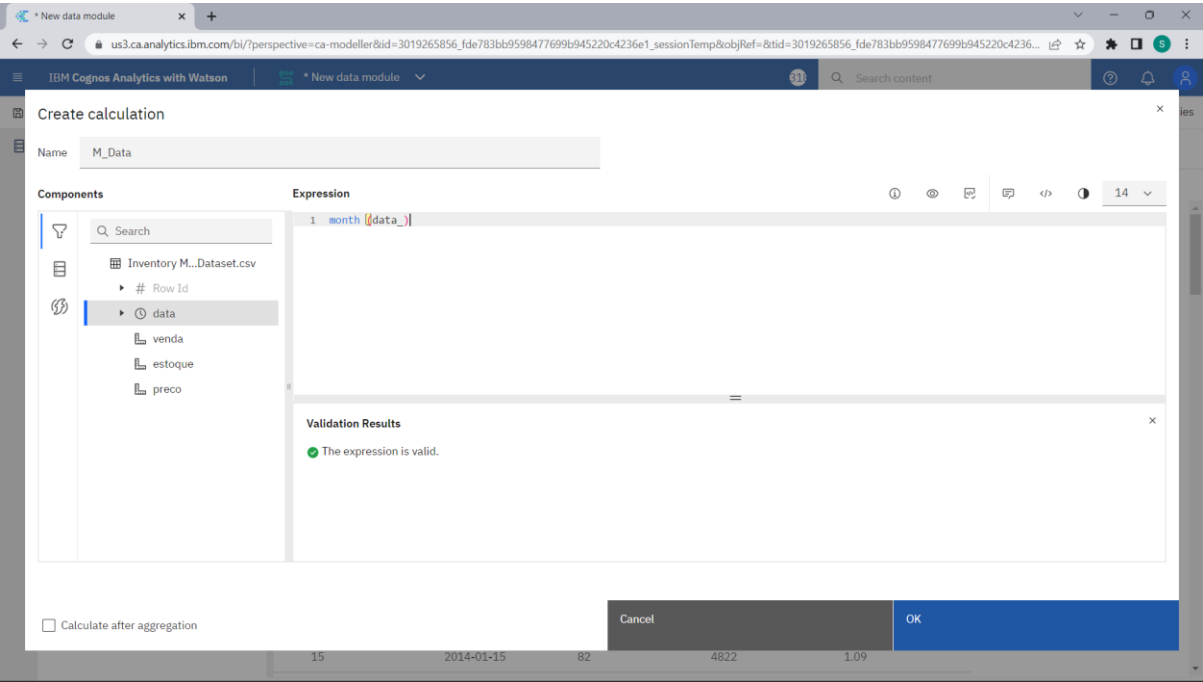


DATA PREPARATION:

The screenshot shows the IBM Cognos Analytics with Watson home page. The browser address bar displays `us3.ca.analytics.ibm.com/bi/?perspective=home`. The page header includes the IBM Cognos Analytics with Watson logo, a search bar, and a notification banner stating "Maintenance: Scheduled maintenance completed. Click More Info for details and to subscribe to future events". The main content area features a large banner with the text "Hello. Welcome to Cognos Analytics with Watson." and two buttons: "Watch video" and "Take a product tour". Below the banner, there is a "Quick launch" section with four cards: "Upload data" (Upload or drag and drop spreadsheets, csv files, and other data sources), "Prepare data" (Use data modules to clean and connect data from multiple resources), "Exploration" (Quickly find unbiased answers by identifying trends in your data with data exploration), and "Present data" (Create sophisticated, multi-page, multi-query dashboards, reports, or stories).

The screenshot shows the "Select sources" dialog box in IBM Cognos Analytics. The dialog box has a search bar at the top with the text "My content". Below the search bar, there is a list of files and folders. The files listed are: "50_Startups.csv" (9/20/2022, 5:15 AM), "Inventory Management Dataset.csv" (11/1/2022, 4:16 AM), "Pharma_Monthly_Sales (1).csv" (9/25/2022, 4:49 AM), "Pharma_Monthly_Sales.csv" (11/4/2022, 4:06 AM), and "US Superstore data.xls - Orders.csv" (11/4/2022, 4:06 AM). On the right side of the dialog box, there is a "Filter by" section with a "Reset filters" button. The "Filter by" section includes a "Type" section with checkboxes for "Folders", "Packages", "Files", "Data sets", and "Modules". The "Modified" section has radio buttons for "All", "Today", "Yesterday", "Past week", and "Past month". The "All" radio button is selected. At the bottom of the dialog box, there are "Cancel" and "OK" buttons.

Month Data:



Data module

Grid Relationships Custom tables

M_Data	Row Id	Year	Sales	Stock	Price
1	1	2014-01-01	0	4972	1.29
1	2	2014-01-02	70	4902	1.29
1	3	2014-01-03	59	4843	1.29
1	4	2014-01-04	93	4750	1.29
1	5	2014-01-05	96	4654	1.29
1	6	2014-01-06	145	4509	1.29
1	7	2014-01-07	179	4329	1.29
1	8	2014-01-08	321	4104	1.29
1	9	2014-01-09	125	4459	1.09
1	10	2014-01-10	88	5043	1.09
1	11	2014-01-11	188	5239	1.09
1	12	2014-01-12	121	5118	1.09
1	13	2014-01-13	134	4984	1.09
1	14	2014-01-14	80	4904	1.09
1	15	2014-01-15	82	4822	1.09

Revenue Data:

IBM Cognos Analytics with Watson

New data module

Search content

11

14

Create calculation

Search

Inventory M...Dataset.csv

M_Data

Row Id

Year

Sales

Stock

Price

1

venda*prec

Validation Results

The expression is valid.

Calculate after aggregation

Cancel

OK

1

15

2014-01-15

82

4822

1.09

IBM Cognos Analytics with Watson

New data module

Search content

11

Properties

Search

New data module

Navigation paths

Inventory M...ataset.csv

Revenue

M_Data

Row Id

Year

Sales

Stock

Price

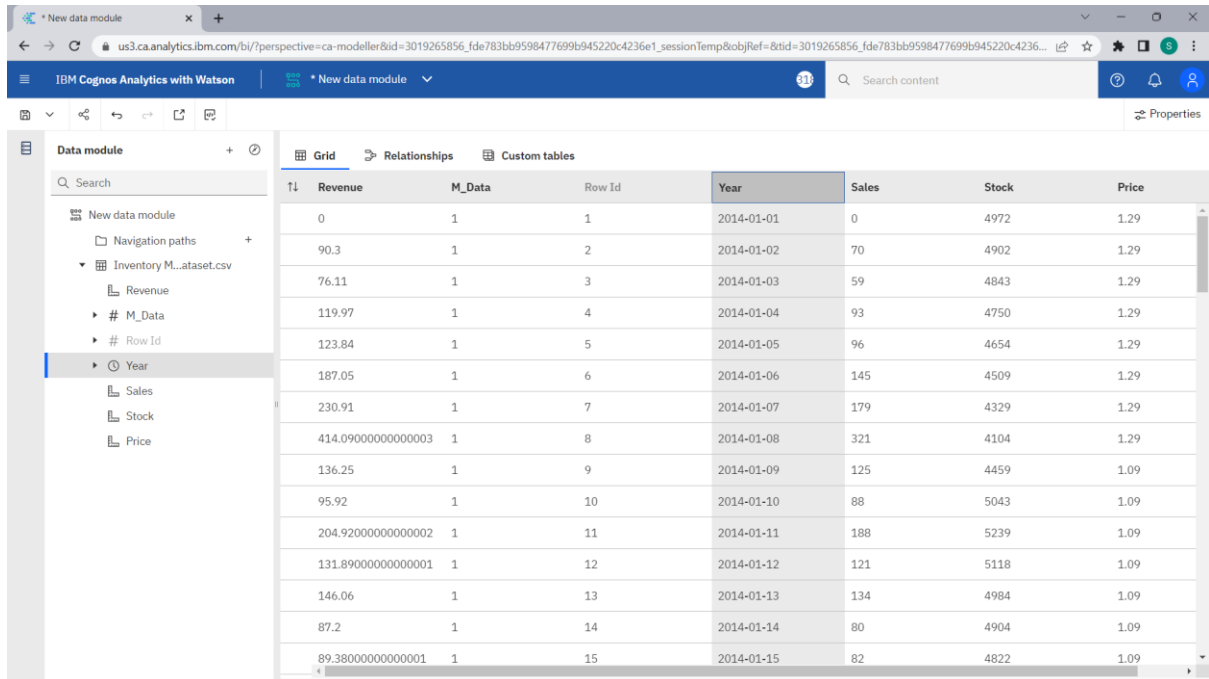
Grid

Relationships

Custom tables

	Revenue	M_Data	Row Id	Year	Sales	Stock	Price
1	0	1	1	2014-01-01	0	4972	1.29
2	90.3	1	2	2014-01-02	70	4902	1.29
3	76.11	1	3	2014-01-03	59	4843	1.29
4	119.97	1	4	2014-01-04	93	4750	1.29
5	123.84	1	5	2014-01-05	96	4654	1.29
6	187.05	1	6	2014-01-06	145	4509	1.29
7	230.91	1	7	2014-01-07	179	4329	1.29
8	414.09000000000003	1	8	2014-01-08	321	4104	1.29
9	136.25	1	9	2014-01-09	125	4459	1.09
10	95.92	1	10	2014-01-10	88	5043	1.09
11	204.92000000000002	1	11	2014-01-11	188	5239	1.09
12	131.89000000000001	1	12	2014-01-12	121	5118	1.09
13	146.06	1	13	2014-01-13	134	4984	1.09
14	87.2	1	14	2014-01-14	80	4904	1.09
15	89.38000000000001	1	15	2014-01-15	82	4822	1.09

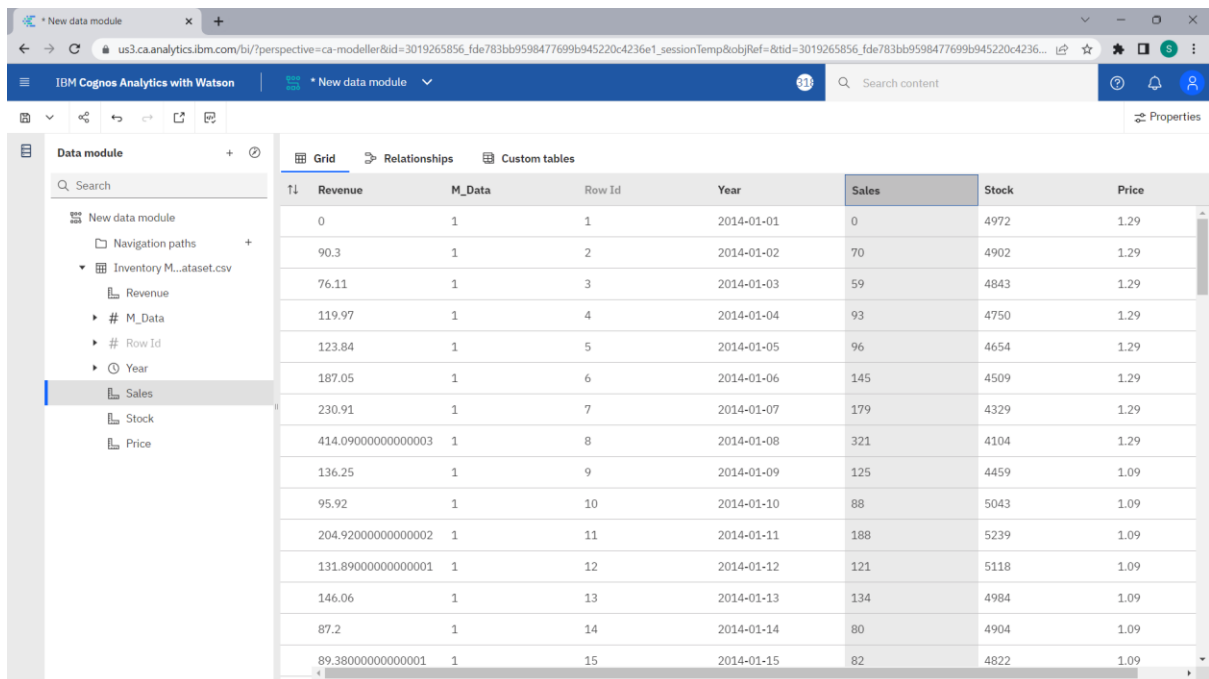
Year Data:



The screenshot shows the IBM Cognos Analytics interface. The left sidebar displays a navigation tree with 'New data module' at the top, followed by 'Navigation paths', 'Inventory M...ataset.csv', and a list of fields: 'Revenue', 'M_Data', 'Row Id', 'Year', 'Sales', 'Stock', and 'Price'. The 'Year' field is selected. The main area shows a table with columns: 'Revenue', 'M_Data', 'Row Id', 'Year', 'Sales', 'Stock', and 'Price'. The table contains 15 rows of data, with the 'Year' column showing dates from 2014-01-01 to 2014-01-15.

Revenue	M_Data	Row Id	Year	Sales	Stock	Price
0	1	1	2014-01-01	0	4972	1.29
90.3	1	2	2014-01-02	70	4902	1.29
76.11	1	3	2014-01-03	59	4843	1.29
119.97	1	4	2014-01-04	93	4750	1.29
123.84	1	5	2014-01-05	96	4654	1.29
187.05	1	6	2014-01-06	145	4509	1.29
230.91	1	7	2014-01-07	179	4329	1.29
414.09000000000003	1	8	2014-01-08	321	4104	1.29
136.25	1	9	2014-01-09	125	4459	1.09
95.92	1	10	2014-01-10	88	5043	1.09
204.92000000000002	1	11	2014-01-11	188	5239	1.09
131.89000000000001	1	12	2014-01-12	121	5118	1.09
146.06	1	13	2014-01-13	134	4984	1.09
87.2	1	14	2014-01-14	80	4904	1.09
89.38000000000001	1	15	2014-01-15	82	4822	1.09

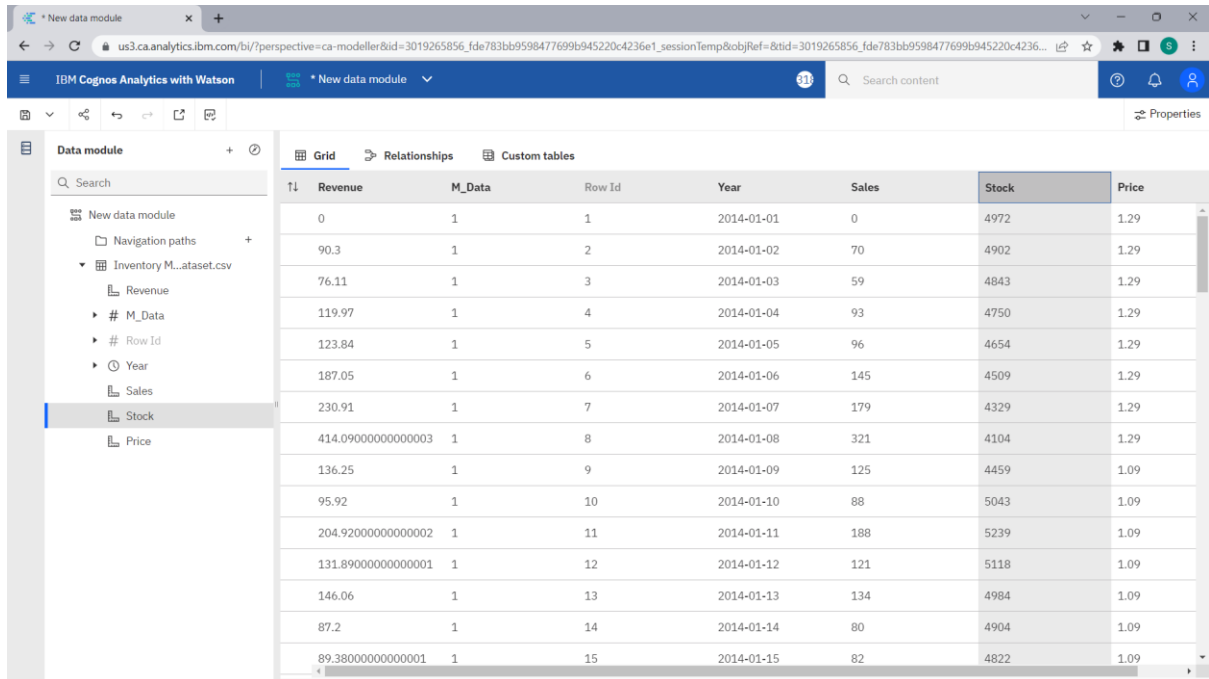
Sales Data:



The screenshot shows the IBM Cognos Analytics interface. The left sidebar displays a navigation tree with 'New data module' at the top, followed by 'Navigation paths', 'Inventory M...ataset.csv', and a list of fields: 'Revenue', 'M_Data', 'Row Id', 'Year', 'Sales', 'Stock', and 'Price'. The 'Sales' field is selected. The main area shows a table with columns: 'Revenue', 'M_Data', 'Row Id', 'Year', 'Sales', 'Stock', and 'Price'. The table contains 15 rows of data, with the 'Sales' column showing values from 0 to 82.

Revenue	M_Data	Row Id	Year	Sales	Stock	Price
0	1	1	2014-01-01	0	4972	1.29
90.3	1	2	2014-01-02	70	4902	1.29
76.11	1	3	2014-01-03	59	4843	1.29
119.97	1	4	2014-01-04	93	4750	1.29
123.84	1	5	2014-01-05	96	4654	1.29
187.05	1	6	2014-01-06	145	4509	1.29
230.91	1	7	2014-01-07	179	4329	1.29
414.09000000000003	1	8	2014-01-08	321	4104	1.29
136.25	1	9	2014-01-09	125	4459	1.09
95.92	1	10	2014-01-10	88	5043	1.09
204.92000000000002	1	11	2014-01-11	188	5239	1.09
131.89000000000001	1	12	2014-01-12	121	5118	1.09
146.06	1	13	2014-01-13	134	4984	1.09
87.2	1	14	2014-01-14	80	4904	1.09
89.38000000000001	1	15	2014-01-15	82	4822	1.09

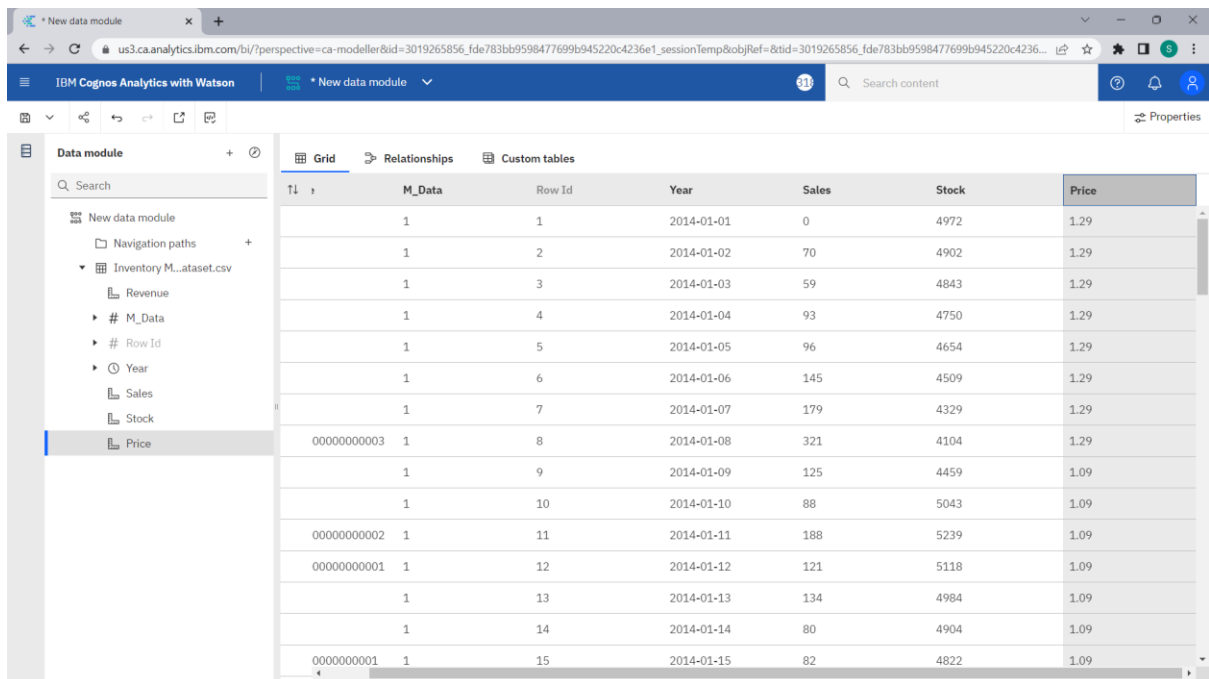
Stock Data:



The screenshot shows the IBM Cognos Analytics interface with the 'Stock' data module selected. The table displays 15 rows of data with columns: Revenue, M_Data, Row Id, Year, Sales, Stock, and Price. The 'Stock' column is highlighted.

Revenue	M_Data	Row Id	Year	Sales	Stock	Price
0	1	1	2014-01-01	0	4972	1.29
90.3	1	2	2014-01-02	70	4902	1.29
76.11	1	3	2014-01-03	59	4843	1.29
119.97	1	4	2014-01-04	93	4750	1.29
123.84	1	5	2014-01-05	96	4654	1.29
187.05	1	6	2014-01-06	145	4509	1.29
230.91	1	7	2014-01-07	179	4329	1.29
414.09000000000003	1	8	2014-01-08	321	4104	1.29
136.25	1	9	2014-01-09	125	4459	1.09
95.92	1	10	2014-01-10	88	5043	1.09
204.92000000000002	1	11	2014-01-11	188	5239	1.09
131.89000000000001	1	12	2014-01-12	121	5118	1.09
146.06	1	13	2014-01-13	134	4984	1.09
87.2	1	14	2014-01-14	80	4904	1.09
89.38000000000001	1	15	2014-01-15	82	4822	1.09

Price Data:



The screenshot shows the IBM Cognos Analytics interface with the 'Price' data module selected. The table displays 15 rows of data with columns: M_Data, Row Id, Year, Sales, Stock, and Price. The 'Price' column is highlighted.

M_Data	Row Id	Year	Sales	Stock	Price
1	1	2014-01-01	0	4972	1.29
1	2	2014-01-02	70	4902	1.29
1	3	2014-01-03	59	4843	1.29
1	4	2014-01-04	93	4750	1.29
1	5	2014-01-05	96	4654	1.29
1	6	2014-01-06	145	4509	1.29
1	7	2014-01-07	179	4329	1.29
0000000003	8	2014-01-08	321	4104	1.29
1	9	2014-01-09	125	4459	1.09
1	10	2014-01-10	88	5043	1.09
0000000002	11	2014-01-11	188	5239	1.09
0000000001	12	2014-01-12	121	5118	1.09
1	13	2014-01-13	134	4984	1.09
1	14	2014-01-14	80	4904	1.09
0000000001	15	2014-01-15	82	4822	1.09

The screenshot shows the IBM Cognos Analytics interface. A 'Data format' dialog box is open for the 'M_Data' column. The dialog has a 'Column' field set to 'M_Data' and a 'Format type' dropdown set to 'Date'. Below this, there are four settings, each with an information icon (i):

- Date separator:** Set to '/'. A dropdown arrow is visible.
- Date style:** Set to 'Short'. A dropdown arrow is visible.
- Date ordering:** Set to 'Default'. A dropdown arrow is visible.
- Missing value characters:** Set to '<empty>'.

At the bottom of the dialog, there are two buttons: 'Advanced options' and 'Reset properties'. The background shows a table with columns: Price, Row Id, Year, Sales, Stock, and Price. The 'Price' column is highlighted in grey.

The screenshot displays the IBM Cognos Analytics web application. The top navigation bar includes the 'Inventory Module' dropdown, a search bar, and user profile icons. The main content area is titled 'Data module' and features a sidebar with a tree view of the data structure. The tree view shows the 'Inventory Module' containing 'Navigation paths', 'Inventory M...ataset.csv', and 'Revenue'. The 'Inventory M...ataset.csv' is expanded, showing 'M_Data' as the selected data source. The main table displays data for 'M_Data' with columns: Row Id, Year, Sales, Stock, and Price. The table contains 15 rows of data, with 'Row Id' values ranging from 1 to 15, 'Year' values from 1/1/14 to 1/15/14, 'Sales' values from 0 to 188, 'Stock' values from 4654 to 5118, and 'Price' values from 4654 to 5118.

Row Id	Year	Sales	Stock	Price
1	1/1/14	0	4972	1
2	1/2/14	70	4902	1
3	1/3/14	59	4843	1
4	1/4/14	93	4750	1
5	1/5/14	96	4654	1
6	1/6/14	145	4509	1
7	1/7/14	179	4329	1
8	1/8/14	321	4104	1
9	1/9/14	125	4459	1
10	1/10/14	88	5043	1
11	1/11/14	188	5239	1
12	1/12/14	121	5118	1
13	1/13/14	134	4984	1
14	1/14/14	80	4904	1
15	1/15/14	82	4822	1

Revenue Format Data:

The screenshot shows the 'Data format' dialog box in IBM Cognos Analytics. The 'Column' is 'Revenue'. The 'Format type' is 'Number'. The 'Number of decimal places' is set to 0. The 'Negative sign symbol' is 'Default'. The 'Use thousands separator' is set to 'No'. The 'Negative sign position' is 'Default'. The 'Missing value characters' are '<empty>'. The 'Advanced options' button is visible. The 'Reset properties' button is also present. The 'Cancel' and 'OK' buttons are at the bottom.

Stock	Price
4972	1.29
4902	1.29
4843	1.29
4750	1.29
4654	1.29
4509	1.29
4329	1.29
4104	1.29
4459	1.09
5043	1.09
5239	1.09
5118	1.09
4984	1.09
4904	1.09
4822	1.09

The screenshot shows the 'Inventory Module' in IBM Cognos Analytics. The 'Data module' is 'Inventory M...ataset.csv'. The 'Grid' view is selected. The data is displayed in a table with columns: Revenue, M_Data, Row Id, Year, Sales, Stock, and Price. The data is sorted by Row Id in ascending order.

Revenue	M_Data	Row Id	Year	Sales	Stock	Price
0	1	1	1/1/14	0	4972	1
90	1	2	1/2/14	70	4902	1
76	1	3	1/3/14	59	4843	1
120	1	4	1/4/14	93	4750	1
124	1	5	1/5/14	96	4654	1
187	1	6	1/6/14	145	4509	1
231	1	7	1/7/14	179	4329	1
414	1	8	1/8/14	321	4104	1
136	1	9	1/9/14	125	4459	1
96	1	10	1/10/14	88	5043	1
205	1	11	1/11/14	188	5239	1
132	1	12	1/12/14	121	5118	1
146	1	13	1/13/14	134	4984	1
87	1	14	1/14/14	80	4904	1
89	1	15	1/15/14	82	4822	1

Year Format Data:

The screenshot shows the IBM Cognos Analytics interface with the 'Data format' dialog box open for the 'Year' column. The dialog box has a 'Format type' dropdown set to 'Date'. Below it, there are four settings: 'Date separator' (set to '/'), 'Date style' (set to 'Short'), 'Date ordering' (set to 'Default'), and 'Missing value characters' (set to '<empty>'). At the bottom of the dialog are buttons for 'Advanced options', 'Reset properties', 'Cancel', and 'OK'. The background shows a data table with columns 'Revenue', 'M_Data', 'Row Id', 'Year', 'Sales', 'Stock', and 'Price'.

Revenue	M_Data	Row Id	Year	Sales	Stock	Price
0	1	1	1/1/14	0	4972	1
90	1	2	1/2/14	70	4902	1
76	1	3	1/3/14	59	4843	1
120	1	4	1/4/14	93	4750	1
124	1	5	1/5/14	96	4654	1
187	1	6	1/6/14	145	4509	1
231	1	7	1/7/14	179	4329	1
414	1	8	1/8/14	321	4104	1
136	1	9	1/9/14	125	4459	1
96	1	10	1/10/14	88	5043	1
205	1	11	1/11/14	188	5239	1
132	1	12	1/12/14	121	5118	1
146	1	13	1/13/14	134	4984	1
87	1	14	1/14/14	80	4904	1
89	1	15	1/15/14	82	4822	1

The screenshot shows the IBM Cognos Analytics interface with the 'Data module' grid view. The table has columns 'Revenue', 'M_Data', 'Row Id', 'Year', 'Sales', 'Stock', and 'Price'. The data is displayed in a grid format with 15 rows and 7 columns.

Revenue	M_Data	Row Id	Year	Sales	Stock	Price
0	1	1	1/1/14	0	4972	1
90	1	2	1/2/14	70	4902	1
76	1	3	1/3/14	59	4843	1
120	1	4	1/4/14	93	4750	1
124	1	5	1/5/14	96	4654	1
187	1	6	1/6/14	145	4509	1
231	1	7	1/7/14	179	4329	1
414	1	8	1/8/14	321	4104	1
136	1	9	1/9/14	125	4459	1
96	1	10	1/10/14	88	5043	1
205	1	11	1/11/14	188	5239	1
132	1	12	1/12/14	121	5118	1
146	1	13	1/13/14	134	4984	1
87	1	14	1/14/14	80	4904	1
89	1	15	1/15/14	82	4822	1

Sales Format Data:

Data format

Column: Sales

Format type: Number

Number of decimal places: 0

Negative sign symbol: Default

Use thousands separator: No

Negative sign position: Default

Missing value characters: <empty>

Advanced options

Reset properties

Cancel OK

Revenue	M_Data	Row Id	Year	Sales	Stock	Price
0	1	1	1/1/14	0	4972	1
90	1	2	1/2/14	70	4902	1
76	1	3	1/3/14	59	4843	1
120	1	4	1/4/14	93	4750	1
124	1	5	1/5/14	96	4654	1
187	1	6	1/6/14	145	4509	1
231	1	7	1/7/14	179	4329	1
414	1	8	1/8/14	321	4104	1
136	1	9	1/9/14	125	4459	1
96	1	10	1/10/14	88	5043	1
205	1	11	1/11/14	188	5239	1
132	1	12	1/12/14	121	5118	1
146	1	13	1/13/14	134	4984	1
87	1	14	1/14/14	80	4904	1
89	1	15	1/15/14	82	4822	1

Stock Format Data:

The screenshot shows the IBM Cognos Analytics interface with the 'Data format' dialog box open for the 'Stock' column. The dialog box has a 'Column' field set to 'Stock' and a 'Format type' dropdown set to 'Number'. Below this, there are several settings: 'Number of decimal places' is set to 0, 'Negative sign symbol' is set to 'Default', 'Use thousands separator' is set to 'No', 'Negative sign position' is set to 'Default', and 'Missing value characters' is set to '<empty>'. There are 'Advanced options', 'Reset properties', 'Cancel', and 'OK' buttons at the bottom of the dialog. In the background, a table with columns 'Price' and 'Stock' is visible, showing values like 1.29, 1.09, and 4822.

The screenshot shows the IBM Cognos Analytics interface with a data grid view. The grid has columns: Revenue, M_Data, Row Id, Year, Sales, Stock, and Price. The data is as follows:

Revenue	M_Data	Row Id	Year	Sales	Stock	Price
0	1	1	1/1/14	0	4972	1
90	1	2	1/2/14	70	4902	1
76	1	3	1/3/14	59	4843	1
120	1	4	1/4/14	93	4750	1
124	1	5	1/5/14	96	4654	1
187	1	6	1/6/14	145	4509	1
231	1	7	1/7/14	179	4329	1
414	1	8	1/8/14	321	4104	1
136	1	9	1/9/14	125	4459	1
96	1	10	1/10/14	88	5043	1
205	1	11	1/11/14	188	5239	1
132	1	12	1/12/14	121	5118	1
146	1	13	1/13/14	134	4984	1
87	1	14	1/14/14	80	4904	1
89	1	15	1/15/14	82	4822	1

Price Format Data:

The screenshot shows the 'Data format' dialog box for the 'Price' column. The 'Format type' is set to 'Number'. The 'Number of decimal places' is set to 0. The 'Negative sign symbol' is set to 'Default'. The 'Use thousands separator' is set to 'No'. The 'Negative sign position' is set to 'Default'. The 'Missing value characters' are set to '<empty>'. The dialog box has 'Cancel', 'OK', and 'Reset properties' buttons.

Column	Price
1	1.29
15	1.29
1/15/14	1.29
82	1.29
4822	1.29
	1.29
	1.29
	1.29
	1.29
	1.29
	1.29
	1.29
	1.09
	1.09
	1.09
	1.09
	1.09
	1.09
	1.09
	1.09
	1.09
	1.09

The screenshot shows the 'Data module' grid view. The table has 6 columns: M_Data, Row Id, Year, Sales, Stock, and Price. The data is as follows:

M_Data	Row Id	Year	Sales	Stock	Price
1	1	1/1/14	0	4972	1
1	2	1/2/14	70	4902	1
1	3	1/3/14	59	4843	1
1	4	1/4/14	93	4750	1
1	5	1/5/14	96	4654	1
1	6	1/6/14	145	4509	1
1	7	1/7/14	179	4329	1
1	8	1/8/14	321	4104	1
1	9	1/9/14	125	4459	1
1	10	1/10/14	88	5043	1
1	11	1/11/14	188	5239	1
1	12	1/12/14	121	5118	1
1	13	1/13/14	134	4984	1
1	14	1/14/14	80	4904	1
1	15	1/15/14	82	4822	1

Month Data Properties:

The screenshot shows the IBM Cognos Analytics interface. On the left, the 'Data module' pane displays a tree structure with 'Inventory Module' at the top, followed by 'Navigation paths', 'Inventory M...ataset.csv', 'Revenue', and 'M_Data' (which is selected). The main area shows a table with columns: Revenue, M_Data, Row Id, Year, and Sales. The 'M_Data' column is highlighted. On the right, the 'Properties' pane is open, showing the 'General' tab for the 'M_Data' measure. The properties include: Label (M_Data), Hide from users (toggle off), Expression (View or edit), Usage (Attribute), Aggregate (Count Distinct), Data type (Integer), Represents (Time), Month (dropdown), Description (text area), and Comments (text area).

Revenue	M_Data	Row Id	Year	Sales
0	1	1	1/1/14	0
90	1	2	1/2/14	70
76	1	3	1/3/14	59
120	1	4	1/4/14	93
124	1	5	1/5/14	96
187	1	6	1/6/14	145
231	1	7	1/7/14	179
414	1	8	1/8/14	321
136	1	9	1/9/14	125
96	1	10	1/10/14	88
205	1	11	1/11/14	188
132	1	12	1/12/14	121
146	1	13	1/13/14	134
87	1	14	1/14/14	80
89	1	15	1/15/14	82

Revenue Data Properties:

The screenshot shows the IBM Cognos Analytics interface. On the left, the 'Data module' pane displays a tree structure with 'Inventory Module' at the top, followed by 'Navigation paths', 'Inventory M...ataset.csv', 'Revenue' (which is selected), 'M_Data', '# Row Id', 'Year', 'Sales', 'Stock', and 'Price'. The main area shows a table with columns: Revenue, M_Data, Row Id, Year, and Sales. The 'Revenue' column is highlighted. On the right, the 'Properties' pane is open, showing the 'General' tab for the 'Revenue' measure. The properties include: Label (Revenue), Hide from users (toggle off), Expression (View or edit), Usage (Measure), Calculate after aggregation (toggle off), Aggregate (Total), Data type (Decimal), Represents (Default), Lookup reference (None), and Description (text area).

Revenue	M_Data	Row Id	Year	Sales
0	1	1	1/1/14	0
90	1	2	1/2/14	70
76	1	3	1/3/14	59
120	1	4	1/4/14	93
124	1	5	1/5/14	96
187	1	6	1/6/14	145
231	1	7	1/7/14	179
414	1	8	1/8/14	321
136	1	9	1/9/14	125
96	1	10	1/10/14	88
205	1	11	1/11/14	188
132	1	12	1/12/14	121
146	1	13	1/13/14	134
87	1	14	1/14/14	80
89	1	15	1/15/14	82

Year Data Format:

IBM Cognos Analytics with Watson | Inventory Module

Search content

Properties

Data module

Grid Relationships Custom tables

Revenue M_Data Row Id Year Sales

0 1 1 1/1/14 0

90 1 2 1/2/14 70

76 1 3 1/3/14 59

120 1 4 1/4/14 93

124 1 5 1/5/14 96

187 1 6 1/6/14 145

231 1 7 1/7/14 179

414 1 8 1/8/14 321

136 1 9 1/9/14 125

96 1 10 1/10/14 88

205 1 11 1/11/14 188

132 1 12 1/12/14 121

146 1 13 1/13/14 134

87 1 14 1/14/14 80

89 1 15 1/15/14 82

Properties

General Navigation paths

Label Year

Hide from users ☐

Expression View or edit

Usage Attribute

Aggregate Count Distinct

Data type Date

Represents

Time

Year

Lookup reference None

Description

Sales Data Format:

IBM Cognos Analytics with Watson | Inventory Module

Search content

Properties

Data module

Grid Relationships Custom tables

Year Sales Stock Price

1/1/14 0 4972 1

1/2/14 70 4902 1

1/3/14 59 4843 1

1/4/14 93 4750 1

1/5/14 96 4654 1

1/6/14 145 4509 1

1/7/14 179 4329 1

1/8/14 321 4104 1

1/9/14 125 4459 1

1/10/14 88 5043 1

1/11/14 188 5239 1

1/12/14 121 5118 1

1/13/14 134 4984 1

1/14/14 80 4904 1

1/15/14 82 4822 1

Properties

General

Label Sales

Hide from users ☐

Expression View or edit

Usage Measure

Aggregate Total

Data type Integer

Represents

Default

Lookup reference None

Description

Comments

Stock Data Properties:

The screenshot displays the IBM Cognos Analytics interface. On the left, the 'Data module' pane shows a tree structure with 'Inventory Module' expanded, and 'Stock' selected. The main grid shows a table with columns: Year, Sales, Stock, and Price. The 'Properties' pane on the right is open to the 'General' tab, showing the following details for the 'Stock' measure:

- Label: Stock
- Hide from users: ☐
- Expression: View or edit >
- Usage: Measure
- Aggregate: Total
- Data type: Integer
- Represents: Default
- Lookup reference: None
- Description: (empty)
- Comments: (empty)

Year	Sales	Stock	Price
1/1/14	0	4972	1
1/2/14	70	4902	1
1/3/14	59	4843	1
1/4/14	93	4750	1
1/5/14	96	4654	1
1/6/14	145	4509	1
1/7/14	179	4329	1
1/8/14	321	4104	1
1/9/14	125	4459	1
1/10/14	88	5043	1
1/11/14	188	5239	1
1/12/14	121	5118	1
1/13/14	134	4984	1
1/14/14	80	4904	1
1/15/14	82	4822	1

Price Data Properties:

The screenshot displays the IBM Cognos Analytics interface. On the left, the 'Data module' pane shows a tree structure with 'Inventory Module' expanded, and 'Price' selected. The main grid shows a table with columns: Year, Sales, Stock, and Price. The 'Properties' pane on the right is open to the 'General' tab, showing the following details for the 'Price' measure:

- Label: Price
- Hide from users: ☐
- Expression: View or edit >
- Usage: Measure
- Aggregate: Total
- Data type: Decimal
- Represents: Default
- Lookup reference: None
- Description: (empty)
- Comments: (empty)

Year	Sales	Stock	Price
1/1/14	0	4972	1
1/2/14	70	4902	1
1/3/14	59	4843	1
1/4/14	93	4750	1
1/5/14	96	4654	1
1/6/14	145	4509	1
1/7/14	179	4329	1
1/8/14	321	4104	1
1/9/14	125	4459	1
1/10/14	88	5043	1
1/11/14	188	5239	1
1/12/14	121	5118	1
1/13/14	134	4984	1
1/14/14	80	4904	1
1/15/14	82	4822	1