

# Project Development

## PHASE SPRINT-1

Team ID	PNT2022TMID22771
Project Name	Project – Retail Store Stock Inventory Analytics

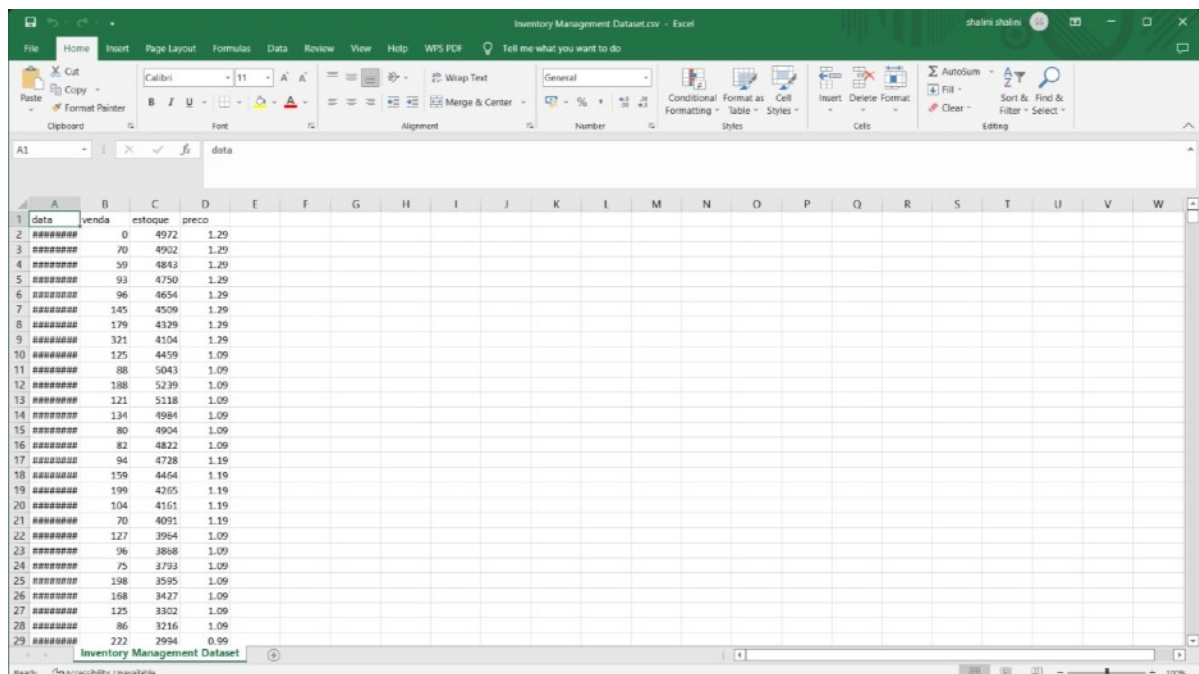
### SPRINT-1:

Data Collection

Data Preparation

### DATA COLLECTION:

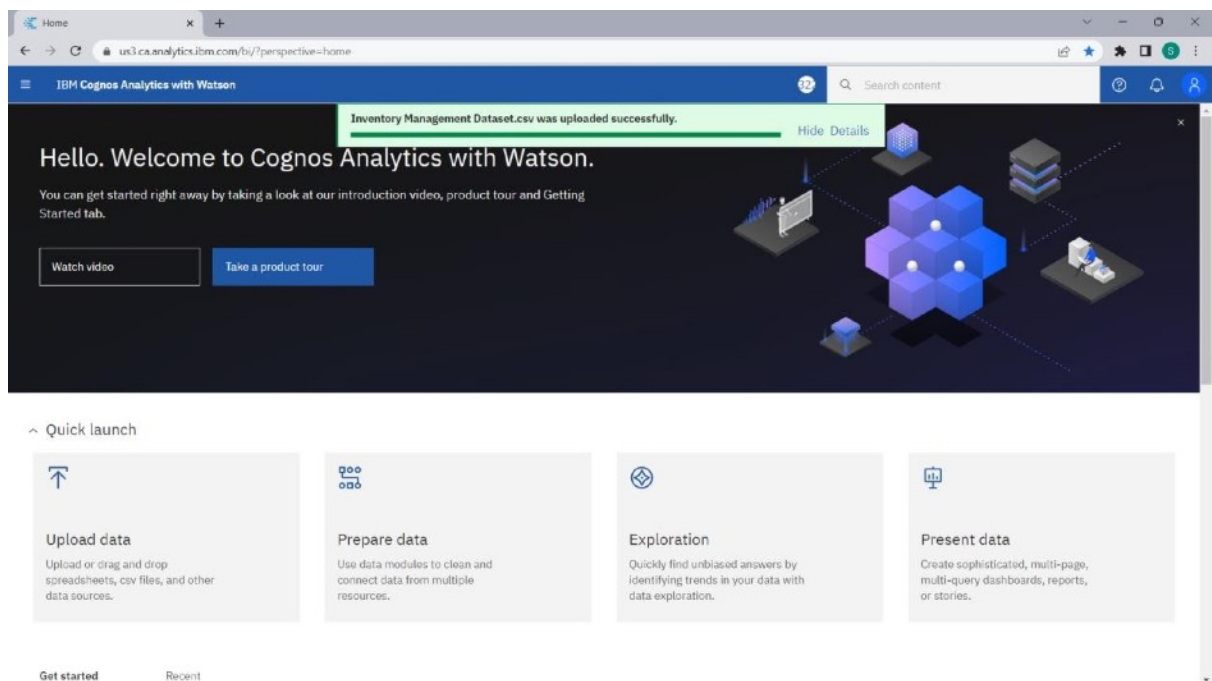
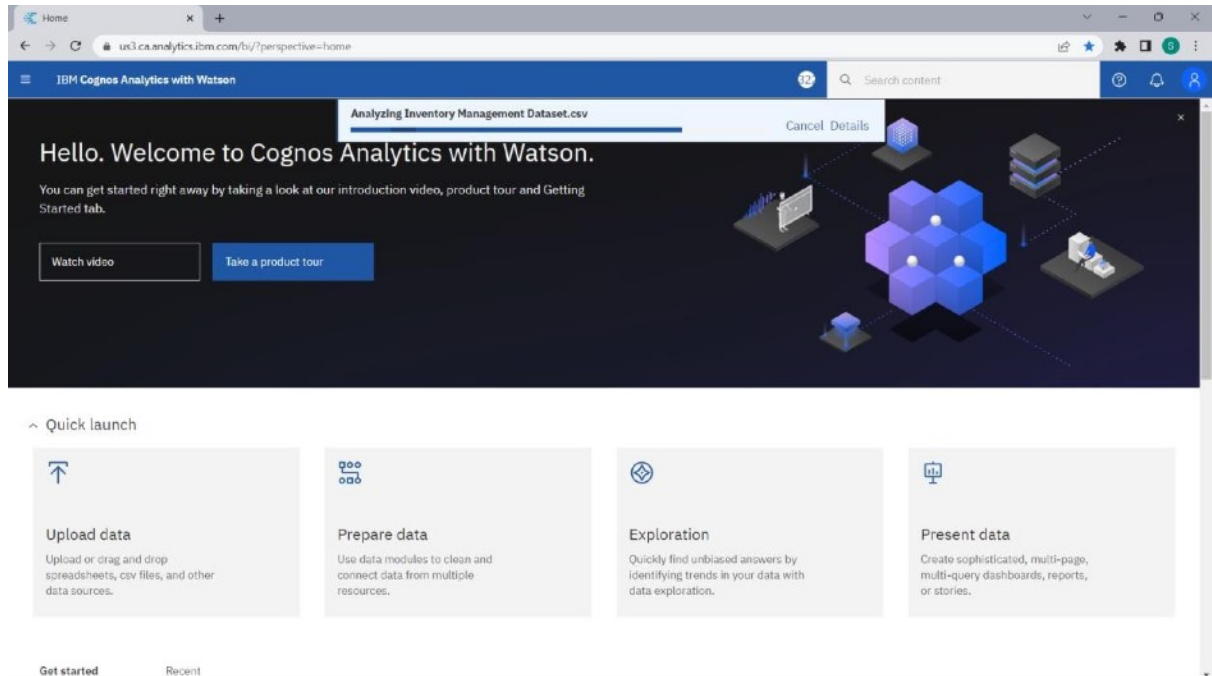
#### 1. Download the dataset

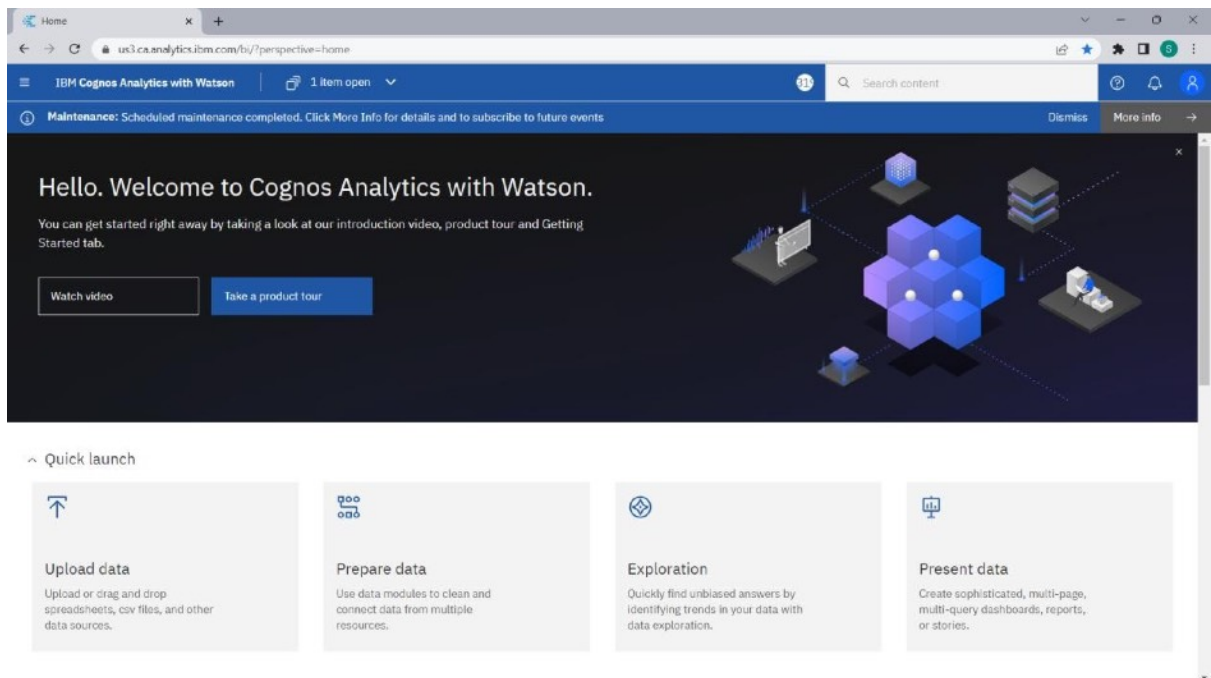
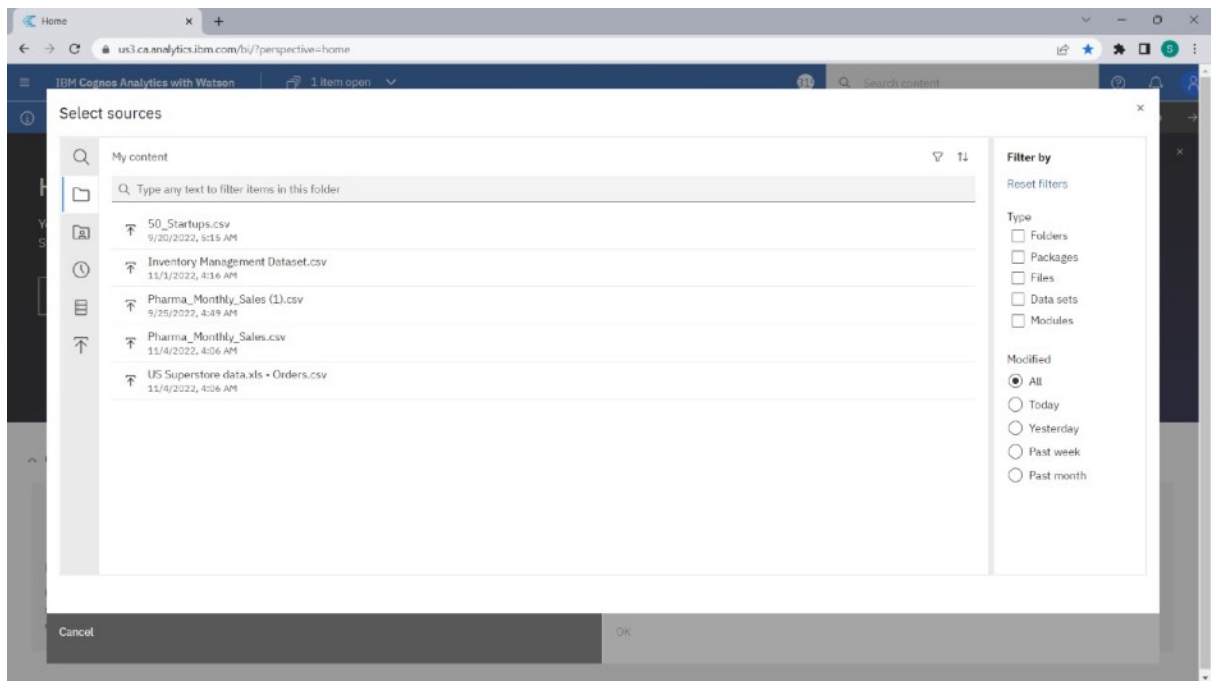


data	venda	estoque	preco
#####	0	4972	1.29
#####	70	4902	1.29
#####	59	4843	1.29
#####	93	4750	1.29
#####	96	4654	1.29
#####	145	4509	1.29
#####	179	4329	1.29
#####	321	4104	1.29
#####	125	4459	1.09
#####	88	5043	1.09
#####	138	5239	1.09
#####	121	5118	1.09
#####	134	4984	1.09
#####	80	4904	1.09
#####	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





## Month Data:

IBM Cognos Analytics with Watson

Create calculation

Name: M\_Data

Expression: month([data])

Components:

- Inventory M...Dataset.csv
  - # Row Id
  - data
  - venda
  - estoque
  - preco

Validation Results:

- The expression is valid.

Calculate after aggregation ☐

Cancel OK

IBM Cognos Analytics with Watson

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:

**Create calculation**

Name: Revenue

Expression: `venda*preco`

Components:

- Inventory M...Dataset.csv
  - # M\_Data
  - # Row Id
  - Year
  - Sales
  - Stock
  - Price

Validation Results: The expression is valid.

☐ Calculate after aggregation

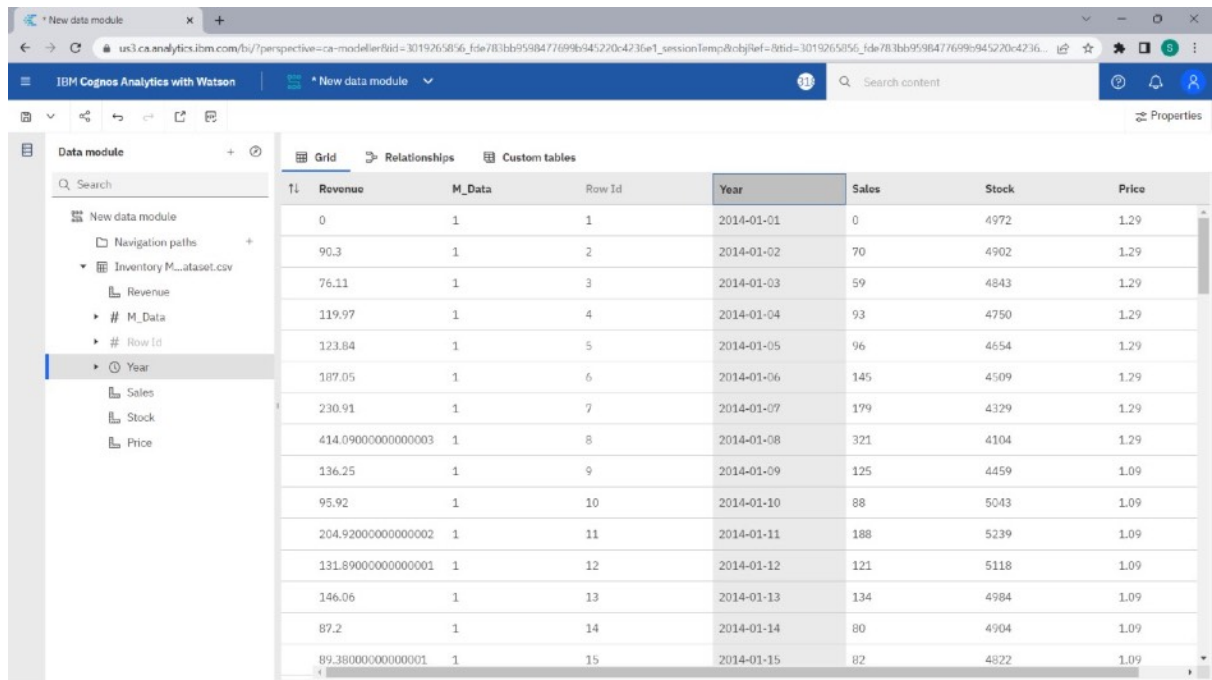
Cancel OK

**Data module**

Grid Relationships Custom tables

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

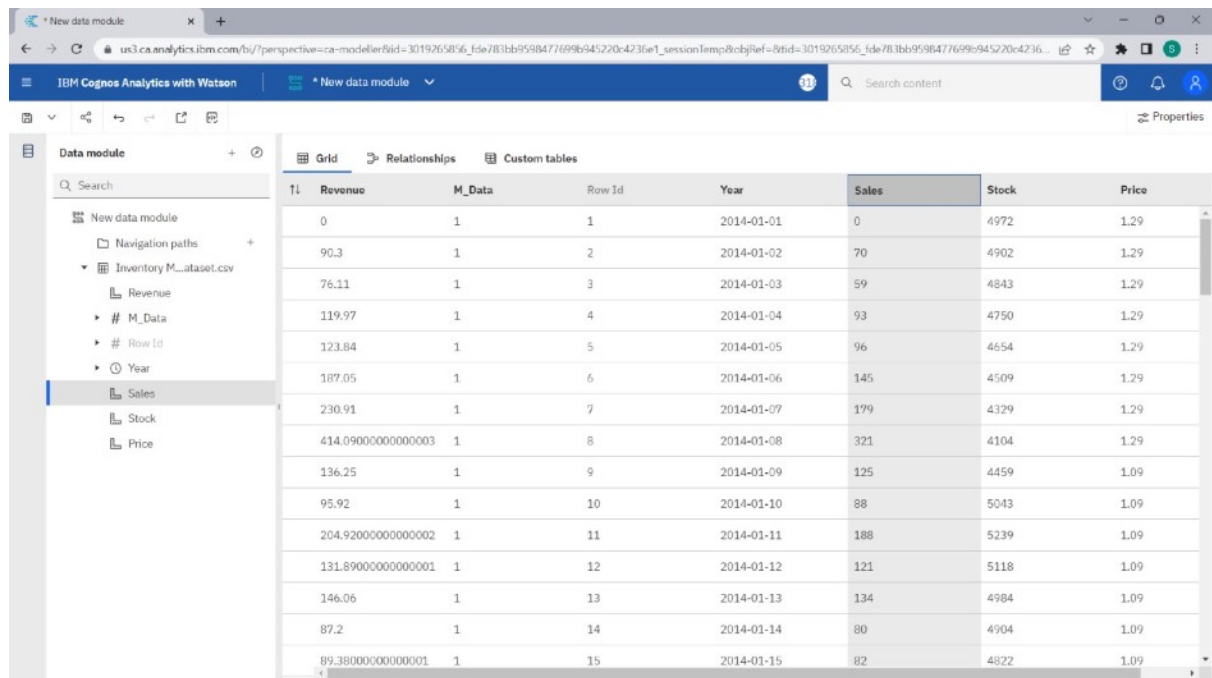
## Year Data:



The screenshot shows the IBM Cognos Analytics interface. On the left, the 'Data module' sidebar lists 'Inventory M...ataset.csv' with sub-items: Revenue, # M\_Data, # Row Id, Year (selected), Sales, Stock, and Price. The main area displays a table with columns: Revenue, M\_Data, Row Id, Year, Sales, Stock, and Price. The table contains 15 rows of data for the year 2014, from January 1st to January 15th.

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	199	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. On the left, the 'Data module' sidebar lists 'Inventory M...ataset.csv' with sub-items: Revenue, # M\_Data, # Row Id, Year, Sales (selected), Stock, and Price. The main area displays a table with columns: Revenue, M\_Data, Row Id, Year, Sales, Stock, and Price. The table contains 15 rows of data for the year 2014, from January 1st to January 15th.

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	199	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. On the left, a 'Data module' sidebar lists 'Inventory M...atasset.csv' with fields: Revenue, # M\_Data, # Row Id, Year, Sales, Stock, and Price. The 'Stock' field is selected. The main area displays a table with columns: Revenue, M\_Data, Row Id, Year, Sales, Stock, and Price. The data shows a sequence of stock prices 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

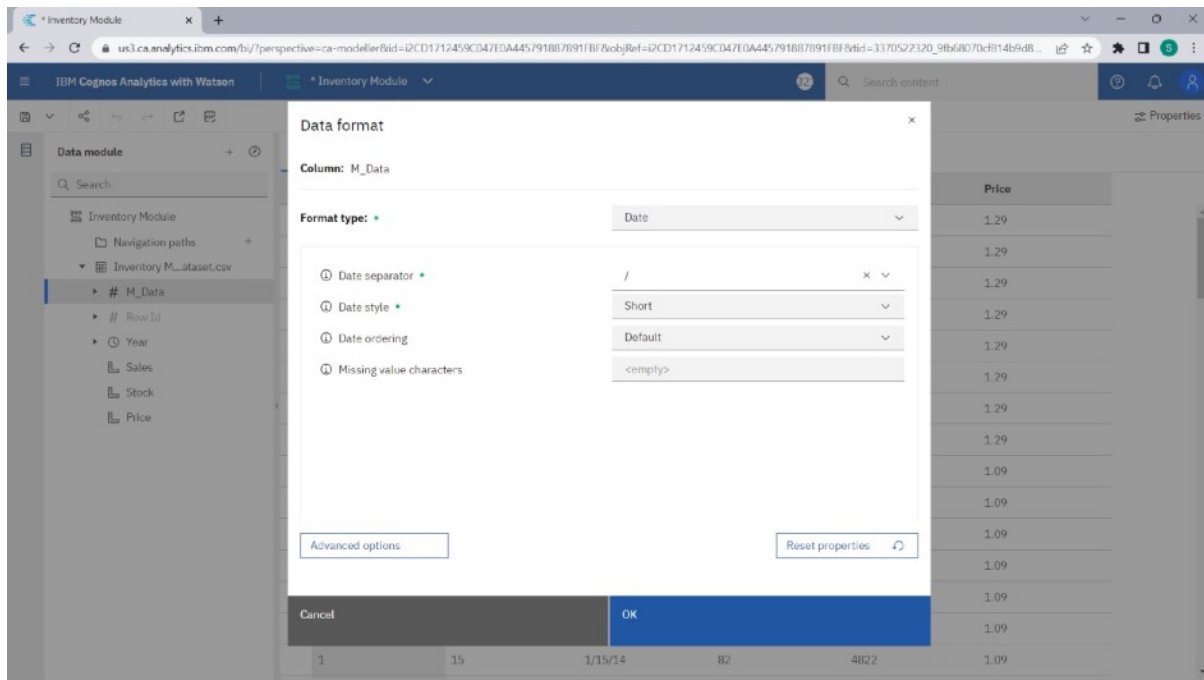
## Price Data:

The screenshot shows the IBM Cognos Analytics interface. On the left, a 'Data module' sidebar lists 'Inventory M...atasset.csv' with fields: Revenue, # M\_Data, # Row Id, Year, Sales, Stock, and Price. The 'Price' field is selected. The main area displays a table with columns: M\_Data, Row Id, Year, Sales, Stock, and Price. The data shows a sequence of stock prices from 2014-01-01 to 2014-01-15.

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	1	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	1	2014-01-11	188	5239	1.09
0000000001	1	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	1	2014-01-15	82	4822	1.09



## Month Format Data:



The screenshot shows the IBM Cognos Analytics interface with the 'Grid' view of the data. The table has the following 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



## Revenue Format Data:

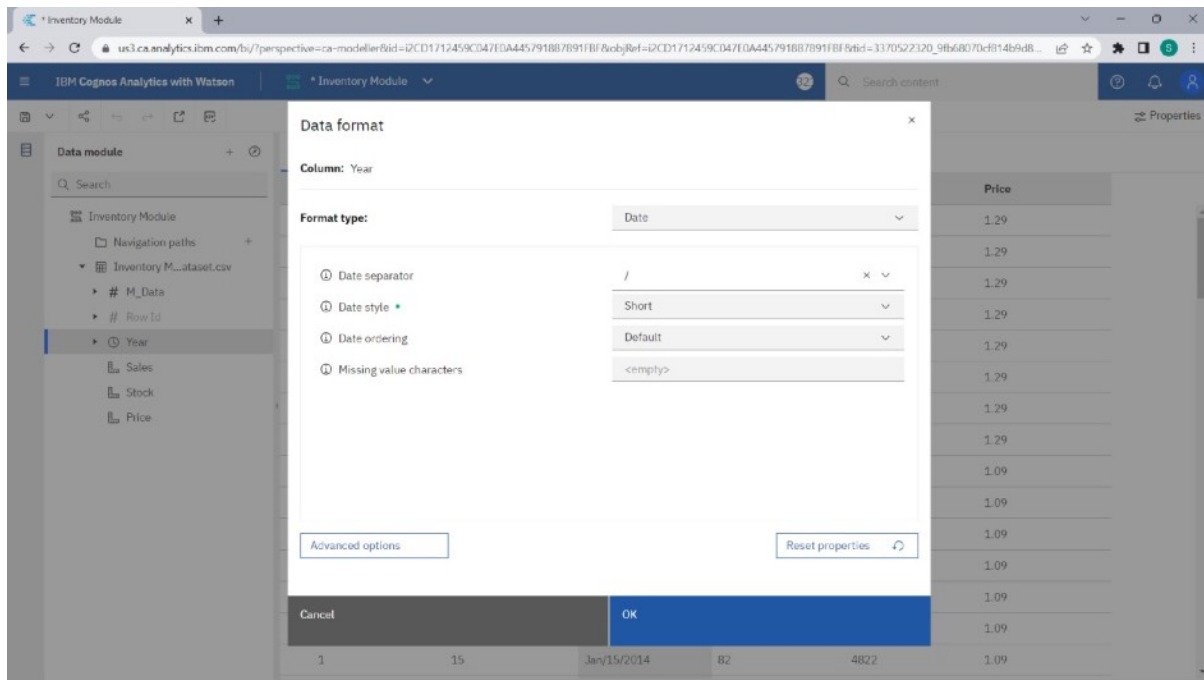
The screenshot shows the 'Data format' dialog box for the 'Revenue' column. The 'Format type' is set to 'Number'. The 'Number of decimal places' is set to '0'. The 'Negative sign symbol' is set to 'Default'. The 'Use thousands separator' is set to 'No'. The 'Negative sign position' is set to 'Default'. The 'Missing value characters' are set to '<empty>'. The 'Advanced options' button is visible at the bottom left, and the 'Reset properties' button is at the bottom right. 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' data grid. The grid displays data for the 'Revenue' column, with columns for 'Revenue', 'M\_Data', 'Row Id', 'Year', 'Sales', 'Stock', and 'Price'. The data is sorted by 'Revenue' in descending 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 'Grid' view of the 'Inventory Module' dataset. The 'Year' column is highlighted, and the data is displayed in a table. The table has 15 rows and 8 columns: Revenue, M\_Data, Row Id, Year, Sales, Stock, and Price. The 'Year' column contains dates from 1/1/14 to 1/15/14.

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:

The screenshot shows the 'Data format' dialog box in IBM Cognos Analytics. The 'Column' is 'Sales'. 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 'No'. The 'Negative sign position' is 'Default'. The 'Missing value characters' are '<empty>'. There are 'Advanced options', 'Reset properties', 'Cancel', and 'OK' buttons.

Column	Format type	Number of decimal places	Negative sign symbol	Use thousands separator	Negative sign position	Missing value characters
Sales	Number	0	Default	No	Default	<empty>

The screenshot shows the 'Grid' view of a table in IBM Cognos Analytics. The table has 7 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

## Stock Format Data:

The screenshot shows the 'Data format' dialog box in IBM Cognos Analytics. The 'Column' is 'Stock'. 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 'No'. The 'Negative sign position' is 'Default'. The 'Missing value characters' are '<empty>'. The 'Advanced options' button is visible. The background shows a table with columns 'Price' and 'Stock'.

Price
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

The screenshot shows the 'Grid' view of a table in IBM Cognos Analytics. The table 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 in the 'Inventory Module'. 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 'Advanced options' button is visible at the bottom left, and the 'Reset properties' button is at the bottom right. The 'OK' button is at the bottom right, and the 'Cancel' button is at the bottom left.

Column: Price

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

The screenshot shows the 'Grid' view of the 'Price' column data. The table has 15 rows and 7 columns: M\_Data, Row Id, Year, Sales, Stock, and Price. The 'Price' column contains values ranging from 1 to 4822.

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 lists the 'Inventory Module' and its contents, including 'M\_Data'. The central 'Grid' pane displays 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 (checked), Expression (View or edit >), Usage (Attribute), Aggregate (Count Distinct), Data type (Integer), Represents (Time), and Month (selected in the dropdown). The Description field is empty.

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	199
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 lists the 'Inventory Module' and its contents, including 'Revenue'. The central 'Grid' pane displays 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 (checked), Expression (View or edit >), Usage (Measure), Calculate after aggregation (checked), Aggregate (Total), Data type (Decimal), Represents (Default), Lookup reference (None), and Description (empty). The Description field is empty.

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	199
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:

The screenshot shows the IBM Cognos Analytics interface. The 'Data module' sidebar on the left lists the 'Inventory Module' and its components: 'Navigation paths', 'Inventory M...ataset.csv', 'Revenue', 'M\_Data', 'Row Id', 'Year', 'Sales', 'Stock', and 'Price'. The 'Year' item is selected. The central grid displays a table with columns: 'Revenue', 'M\_Data', 'Row Id', 'Year', and 'Sales'. The 'Year' column is highlighted. The 'Properties' panel on the right shows the 'General' tab with the following settings: Label: 'Year', Hide from users: 'Off', Expression: 'View or edit >', Usage: 'Attribute', Aggregate: 'Count Distinct', Data type: 'Date', Represents: 'Time', Year: 'Year', Lookup reference: 'None', and Description: ''.

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

## Sales Data Format:

The screenshot shows the IBM Cognos Analytics interface. The 'Data module' sidebar on the left lists the 'Inventory Module' and its components: 'Navigation paths', 'Inventory M...ataset.csv', 'Revenue', 'M\_Data', 'Row Id', 'Year', 'Sales', 'Stock', and 'Price'. The 'Sales' item is selected. The central grid displays a table with columns: 'Year', 'Sales', 'Stock', and 'Price'. The 'Sales' column is highlighted. The 'Properties' panel on the right shows the 'General' tab with the following settings: Label: 'Sales', Hide from users: 'Off', Expression: 'View or edit >', Usage: 'Measure', Aggregate: 'Total', Data type: 'Integer', Represents: 'Default', Lookup reference: 'None', and Description: ''.

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



## 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 view 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 view 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