

## Project Development Phase Delivery of Sprint-1

Team ID	PNT2022TMID51941
Project Name	Retail Store Stock Inventory Analytics

### Project Development Phase:

Sprint-1	<ul style="list-style-type: none"><li>➤ Data Collection</li><li>➤ Data Preparation</li></ul>
Sprint-2	<ul style="list-style-type: none"><li>➤ Data Exploration</li></ul>
Sprint-3	<ul style="list-style-type: none"><li>➤ Dashboard Creation</li></ul>
Sprint-4	<ul style="list-style-type: none"><li>➤ Report Creation</li><li>➤ Story Creation</li></ul>

# Sprint-1

## Data Collection:

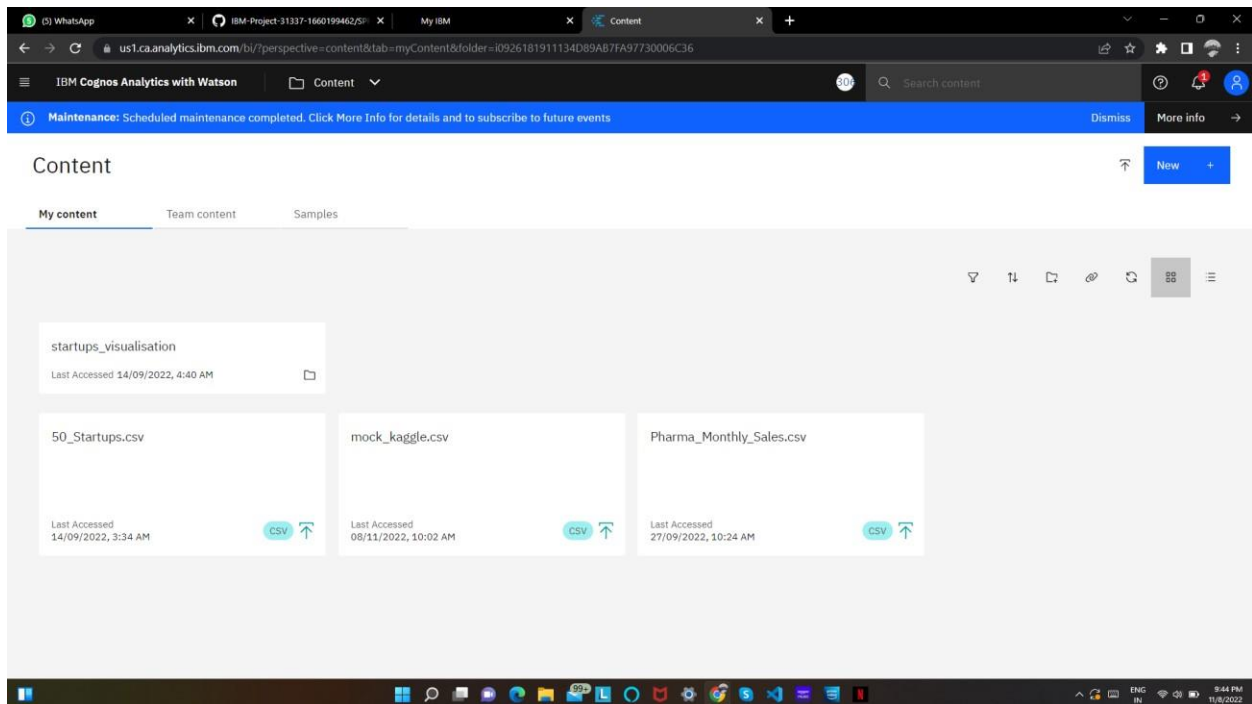
Download the Dataset

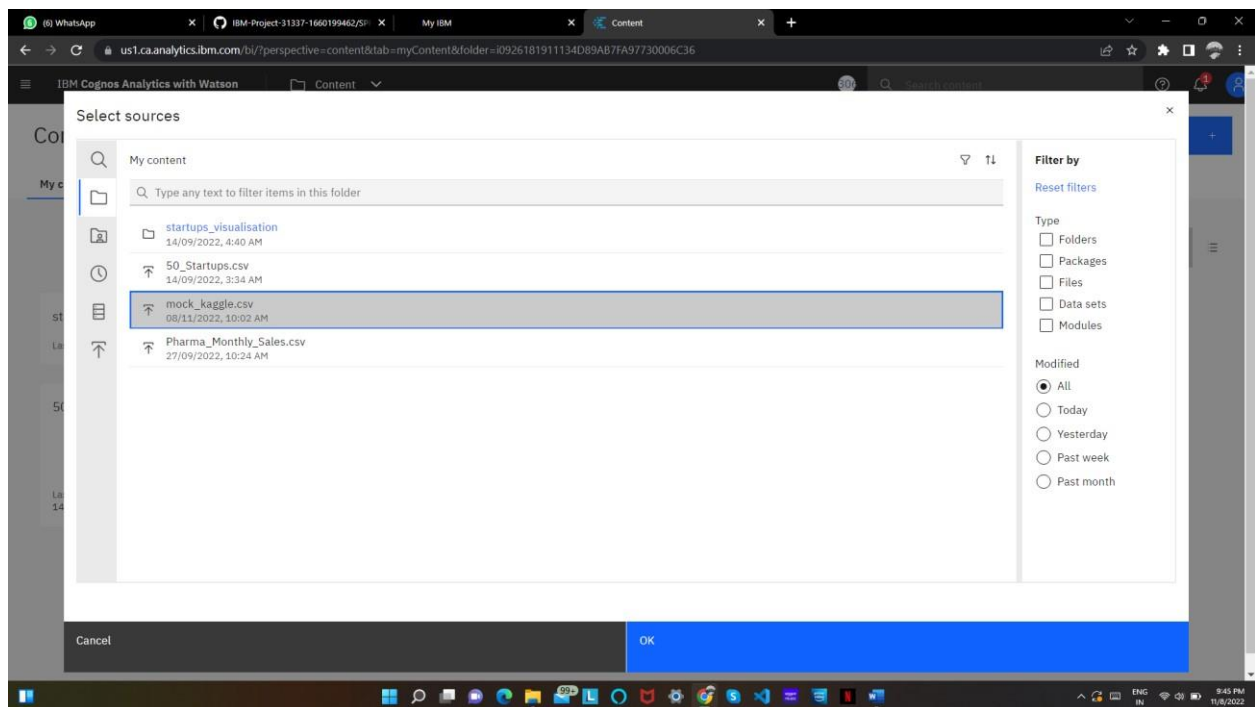
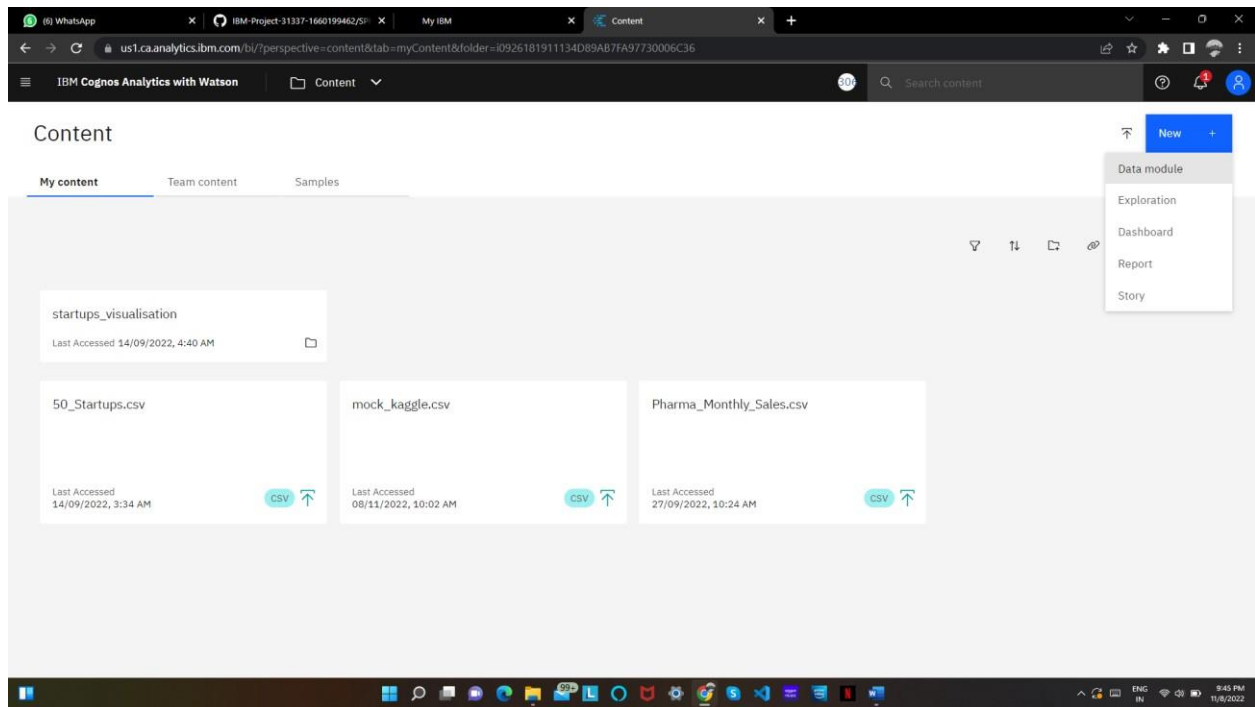
Dataset link -

<https://drive.google.com/drive/folders/1kiL5CHJmQvbk9VyFsuUsmyAupBZGNy>

**Load the Dataset:** Tool used – IBM Cognos

## DATA PREPARATION





# MONTH DATA

The screenshot shows the 'Create calculation' dialog box in IBM Cognos Analytics. The 'Name' field is set to 'Month data'. The 'Expression' field contains the formula '1 Month (data\_)'. A 'Validate' button is visible next to the expression field. Below the expression field, the 'Validation Results' section shows a green checkmark and the text 'The expression is valid.' At the bottom of the dialog, there is a 'Calculate after aggregation' checkbox (which is unchecked), a 'Cancel' button, and an 'OK' button.

Components

- mock\_kaggle.csv
  - # Row Id
  - data
  - venda
  - estoque
  - preco

Expression

1 Month (data\_)

Validate

Validation Results

The expression is valid.

Calculate after aggregation

Cancel OK

The screenshot shows the 'Data module' grid view in IBM Cognos Analytics. The 'Data module' list on the left includes 'New data module', 'Navigation paths', and 'mock\_kaggle.csv'. Under 'mock\_kaggle.csv', the '# Month data' item is selected. The main grid displays 15 rows of data with columns: Row Id, year, sales, estoque, and preco.

	Month data	Row Id	year	sales	estoque	preco
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: 1. venda\*precio

Components:

- mock\_kaggle.csv
  - # Month data
  - # Row Id
  - year
  - sales
  - stock
  - price

Validation Results: The expression is valid.

Calculate after aggregation: ☐

Cancel OK

Data module: revenue

revenue	Month 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 'New data module', 'Navigation paths', 'mock\_kaggle.csv', 'revenue', '# Month data', '# Row Id', 'year', 'sales', 'stock', and 'price'. The 'year' item is selected. The main grid displays a table with 8 columns: 'T1', 'revenue', 'Month data', 'Row Id', 'year', 'sales', 'stock', and 'price'. The 'year' column is highlighted with a blue border. The table contains 15 rows of data for the year 2014.

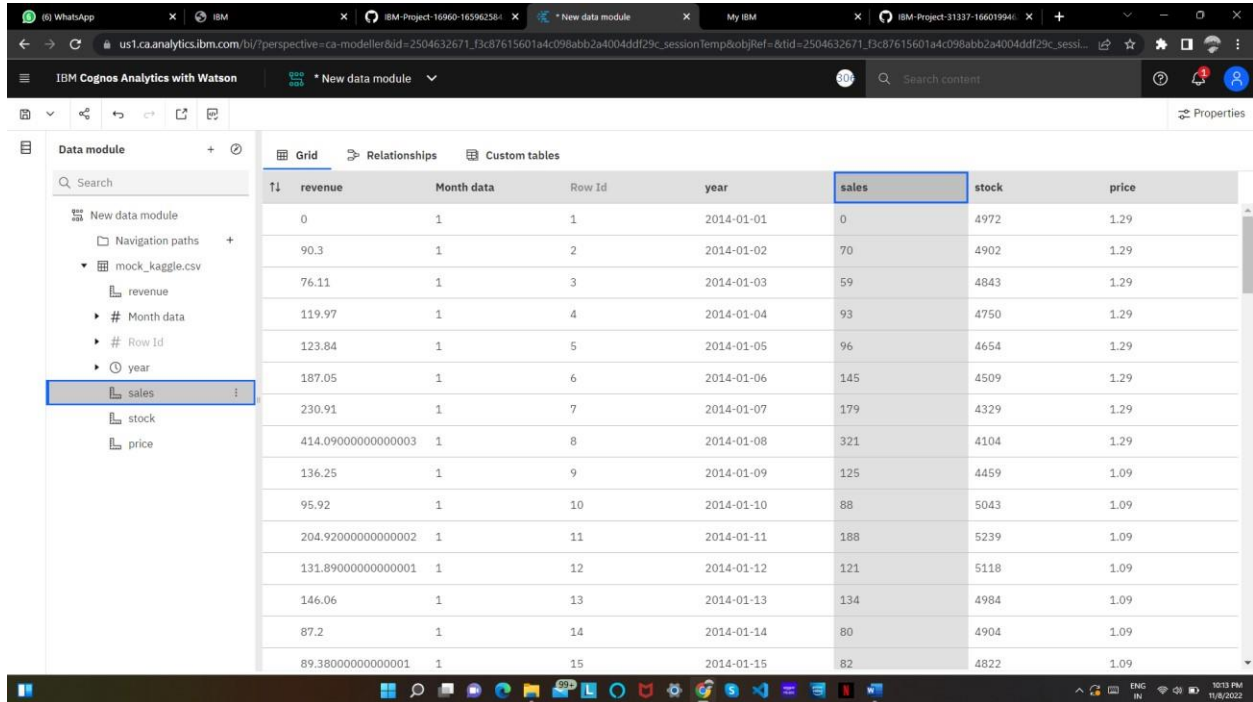
T1	revenue	Month data	Row Id	year	sales	stock	price
0		1	1	2014-01-01	0	4972	1.29
90.3		1	2	2014-01-02	70	4902	1.29
76.11		1	3	2014-01-03	59	4843	1.29
119.97		1	4	2014-01-04	93	4750	1.29
123.84		1	5	2014-01-05	96	4654	1.29
187.05		1	6	2014-01-06	145	4509	1.29
230.91		1	7	2014-01-07	179	4329	1.29
414.09000000000003		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. On the left, the 'Data module' sidebar lists 'New data module', 'Navigation paths', 'mock\_kaggle.csv', 'revenue', '# Month data', '# Row Id', 'year', 'sales', 'stock', and 'price'. The 'stock' item is selected. The main grid displays a table with 8 columns: 'T1', 'revenue', 'Month data', 'Row Id', 'year', 'sales', 'stock', and 'price'. The 'stock' column is highlighted with a blue border. The table contains 15 rows of data for the year 2014.

T1	revenue	Month 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



IBM Cognos Analytics with Watson

\* New data module

Search content

Properties

Data module

Search

New data module

Navigation paths

mock\_kaggle.csv

revenue

# Month data

# Row Id

year

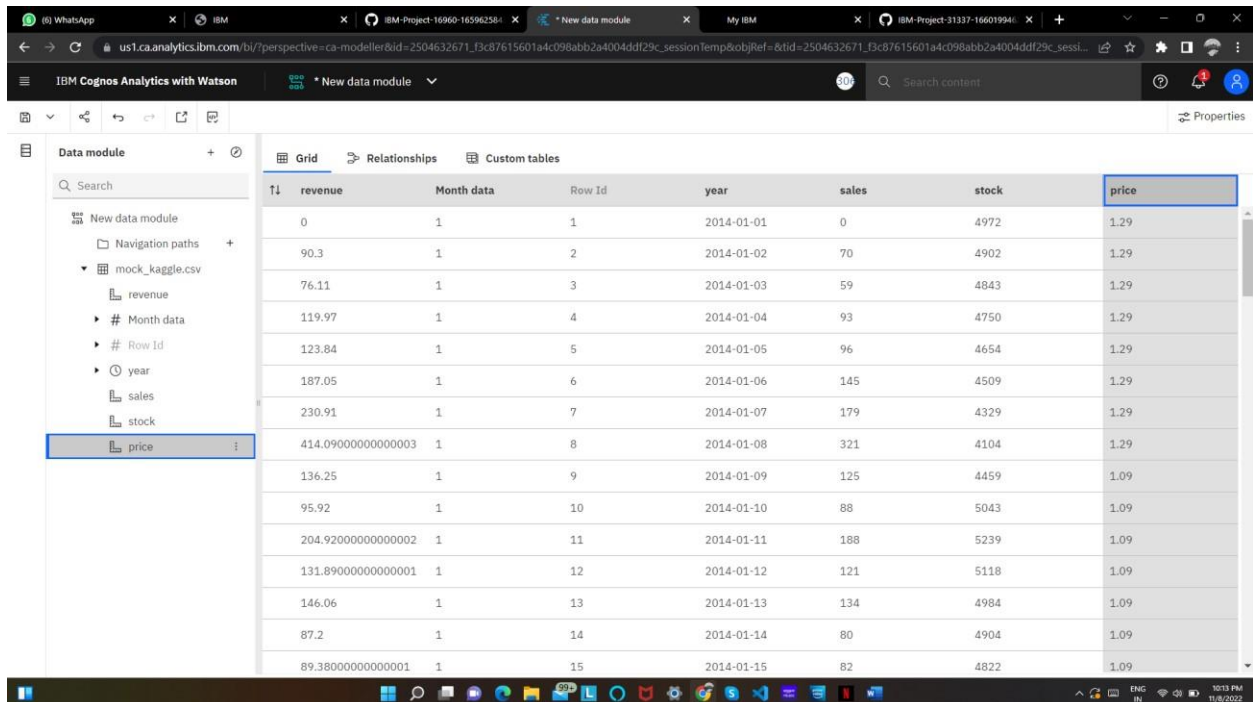
sales

stock

price

↑	revenue	Month 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
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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



IBM Cognos Analytics with Watson

\* New data module

Search content

Properties

Data module

Search

New data module

Navigation paths

mock\_kaggle.csv

revenue

# Month data

# Row Id

year

sales

stock

price

↑	revenue	Month 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
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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

# MONTH FORMAT DATA

The screenshot shows the IBM Cognos Analytics interface with a 'Data format' dialog box open. The dialog box is titled 'Data format' and has a 'Column: Month data' label. It contains several settings for the 'Month data' column:

- Format type:** Date
- Date separator:** Default
- Date style:** Short
- Date ordering:** Default
- Missing value characters:** <empty>

At the bottom of the dialog box, there are buttons for 'Advanced options', 'Reset properties', 'Cancel', and 'OK'. The background shows a data table with columns 'stock' and 'price'.

The screenshot shows the IBM Cognos Analytics interface with a data table. The table has columns: 'revenue', 'Month data', 'Row Id', 'year', 'sales', 'stock', and 'price'. The 'Month data' column is highlighted, and the data is displayed in a grid view.

revenue	Month 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 FORMAT DATA

The screenshot shows the 'Data format' dialog box for the 'year' column. The 'Format type' is set to 'Date'. The 'Date separator' is 'Default', the 'Date style' is 'Short', the 'Date ordering' is 'Default', and the 'Missing value characters' are '<empty>'. The background shows a data table with columns 'stock' and 'price'.

**Data format**

Column: year

Format type: Date

Date separator: Default

Date style: Short

Date ordering: Default

Missing value characters: <empty>

Advanced options

Reset properties

Cancel OK

The screenshot shows the 'Grid' view of a data table. The 'year' column is highlighted. The table contains 15 rows of data.

revenue	Month data	Row Id	year	sales	stock	price
0	1	1	1/1/14	0	4972	1.29
90.3	1	2	1/2/14	70	4902	1.29
76.11	1	3	1/3/14	59	4843	1.29
119.97	1	4	1/4/14	93	4750	1.29
123.84	1	5	1/5/14	96	4654	1.29
187.05	1	6	1/6/14	145	4509	1.29
230.91	1	7	1/7/14	179	4329	1.29
414.09000000000003	1	8	1/8/14	321	4104	1.29
136.25	1	9	1/9/14	125	4459	1.09
95.92	1	10	1/10/14	88	5043	1.09
204.92000000000002	1	11	1/11/14	188	5239	1.09
131.89000000000001	1	12	1/12/14	121	5118	1.09
146.06	1	13	1/13/14	134	4984	1.09
87.2	1	14	1/14/14	80	4904	1.09
89.38000000000001	1	15	1/15/14	82	4822	1.09

# STOCK FORMAT DATA

The screenshot shows the IBM Cognos Analytics interface with a 'Data format' dialog box open for the 'stock' column. The dialog box has a 'Format type' dropdown set to 'Number'. Below it, there are several settings: 'Number of decimal places' set to 0, 'Negative sign symbol' set to 'Default', 'Use thousands separator' set to 'No', 'Negative sign position' set to 'Default', and 'Missing value characters' set to '<empty>'. At the bottom of the dialog, there are 'Advanced options', 'Reset properties', 'Cancel', and 'OK' buttons.

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 IBM Cognos Analytics interface with a data grid view. The grid has columns for 'revenue', 'Month data', 'Row Id', 'year', 'sales', 'stock', and 'price'. The 'stock' column is highlighted. The data is as follows:

revenue	Month data	Row Id	year	sales	stock	price
0	1	1	1/1/14	0	4972	1.29
90.3	1	2	1/2/14	70	4902	1.29
76.11	1	3	1/3/14	59	4843	1.29
119.97	1	4	1/4/14	93	4750	1.29
123.84	1	5	1/5/14	96	4654	1.29
187.05	1	6	1/6/14	145	4509	1.29
230.91	1	7	1/7/14	179	4329	1.29
414.09000000000003	1	8	1/8/14	321	4104	1.29
136.25	1	9	1/9/14	125	4459	1.09
95.92	1	10	1/10/14	88	5043	1.09
204.92000000000002	1	11	1/11/14	188	5239	1.09
131.89000000000001	1	12	1/12/14	121	5118	1.09
146.06	1	13	1/13/14	134	4984	1.09
87.2	1	14	1/14/14	80	4904	1.09
89.38000000000001	1	15	1/15/14	82	4822	1.09

# SALES FORMAT DATA

The screenshot shows the IBM Cognos Analytics interface with a 'Data format' dialog box open for the 'sales' column. The dialog box has a 'Format type' dropdown set to 'Number'. Below this, there are several options with dropdown menus: 'Number of decimal places' (0), 'Negative sign symbol' (Default), 'Use thousands separator' (No), 'Negative sign position' (Default), and 'Missing value characters' (<empty>). At the bottom of the dialog are 'Advanced options', 'Reset properties', 'Cancel', and 'OK' buttons.

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

The screenshot shows the IBM Cognos Analytics interface with a data grid. The grid has columns: revenue, Month data, Row Id, year, sales, stock, and price. The 'sales' column is highlighted. The data is as follows:

revenue	Month data	Row Id	year	sales	stock	price
0	1	1	1/1/14	0	4972	1.29
90.3	1	2	1/2/14	70	4902	1.29
76.11	1	3	1/3/14	59	4843	1.29
119.97	1	4	1/4/14	93	4750	1.29
123.84	1	5	1/5/14	96	4654	1.29
187.05	1	6	1/6/14	145	4509	1.29
230.91	1	7	1/7/14	179	4329	1.29
414.09000000000003	1	8	1/8/14	321	4104	1.29
136.25	1	9	1/9/14	125	4459	1.09
95.92	1	10	1/10/14	88	5043	1.09
204.92000000000002	1	11	1/11/14	188	5239	1.09
131.89000000000001	1	12	1/12/14	121	5118	1.09
146.06	1	13	1/13/14	134	4984	1.09
87.2	1	14	1/14/14	80	4904	1.09
89.38000000000001	1	15	1/15/14	82	4822	1.09

# PRICE FORMAT DATA

The screenshot shows the IBM Cognos Analytics interface with the 'Data format' dialog box open for the 'price' column. The dialog box has a 'Column: price' header and a 'Format type' dropdown set to 'Number'. Below this, there are several options with dropdown menus: 'Number of decimal places' (0), 'Negative sign symbol' (Default), 'Use thousands separator' (No), 'Negative sign position' (Default), and 'Missing value characters' (<empty>). At the bottom of the dialog are 'Advanced options', 'Reset properties', 'Cancel', and 'OK' buttons.

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 IBM Cognos Analytics interface with the 'Grid' view of the data table. The table has 8 columns: 'revenue', 'Month data', 'Row Id', 'year', 'sales', 'stock', and 'price'. The 'price' column is highlighted. The table contains 15 rows of data.

revenue	Month data	Row Id	year	sales	stock	price
0	1	1	1/1/14	0	4972	1
90.3	1	2	1/2/14	70	4902	1
76.11	1	3	1/3/14	59	4843	1
119.97	1	4	1/4/14	93	4750	1
123.84	1	5	1/5/14	96	4654	1
187.05	1	6	1/6/14	145	4509	1
230.91	1	7	1/7/14	179	4329	1
414.09000000000003	1	8	1/8/14	321	4104	1
136.25	1	9	1/9/14	125	4459	1
95.92	1	10	1/10/14	88	5043	1
204.92000000000002	1	11	1/11/14	188	5239	1
131.89000000000001	1	12	1/12/14	121	5118	1
146.06	1	13	1/13/14	134	4984	1
87.2	1	14	1/14/14	80	4904	1
89.38000000000001	1	15	1/15/14	82	4822	1

# REVENUE FORMAT DATA

The screenshot shows the IBM Cognos Analytics interface with the 'Data format' dialog box open for the 'revenue' column. The dialog box has a 'Format type' dropdown set to 'Number'. Below it, there are several options with dropdown menus: 'Number of decimal places' (0), 'Negative sign symbol' (Default), 'Use thousands separator' (No), 'Negative sign position' (Default), and 'Missing value characters' (<empty>). At the bottom of the dialog are 'Advanced options', 'Reset properties', 'Cancel', and 'OK' buttons.

stock	price
4972	1
4902	1
4843	1
4750	1
4654	1
4509	1
4329	1
4104	1
4459	1
5043	1
5239	1
5118	1
4984	1
4904	1
4822	1

The screenshot shows the IBM Cognos Analytics interface with a data grid. The 'revenue' column is highlighted. The grid contains 15 rows of data. The columns are: revenue, Month data, Row Id, year, sales, stock, and price.

revenue	Month 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 PROPERTIES

The screenshot shows the IBM Cognos Analytics interface. On the left, the 'Data module' pane lists 'New data module', 'Navigation paths', 'mock\_kaggle.csv', 'revenue', 'Month data', '# Row Id', 'year', 'sales', 'stock', and 'price'. The 'year' property is selected. The main grid displays a table with columns: 'T1', 'revenue', 'Month data', 'Row Id', 'year', and 'sales'. The 'year' column contains dates from 1/1/14 to 1/14/14. The 'sales' column contains values from 0 to 80. The 'Properties' pane on the right shows the 'General' tab for the 'year' property. The 'Label' is 'year', 'Hide from users' is checked, 'Expression' is 'View or edit', 'Usage' is 'Attribute', 'Aggregate' is 'Count Distinct', 'Data type' is 'Date', 'Represents' is 'Time', 'Date' is selected, 'Lookup reference' is 'None', and 'Description' is empty.

T1	revenue	Month data	Row Id	year	sales
0	1	1	1	1/1/14	0
90	1	2	2	1/2/14	70
76	1	3	3	1/3/14	59
120	1	4	4	1/4/14	93
124	1	5	5	1/5/14	96
187	1	6	6	1/6/14	145
231	1	7	7	1/7/14	179
414	1	8	8	1/8/14	321
136	1	9	9	1/9/14	125
96	1	10	10	1/10/14	88
205	1	11	11	1/11/14	188
132	1	12	12	1/12/14	121
146	1	13	13	1/13/14	134
87	1	14	14	1/14/14	80

# SALES PROPERTIES

The screenshot shows the IBM Cognos Analytics interface. On the left, the 'Data module' pane lists 'New data module', 'Navigation paths', 'mock\_kaggle.csv', 'revenue', 'Month data', '# Row Id', 'year', 'sales', 'stock', and 'price'. The 'sales' property is selected. The main grid displays a table with columns: 'T1', 'Month data', 'Row Id', 'year', 'sales', and 'stock'. The 'sales' column contains values from 0 to 80. The 'Properties' pane on the right shows the 'General' tab for the 'sales' property. The 'Label' is 'sales', 'Hide from users' is checked, 'Expression' is 'View or edit', 'Usage' is 'Measure', 'Aggregate' is 'Total', 'Data type' is 'Integer', 'Represents' is 'Default', 'Lookup reference' is 'None', and 'Description' is empty.

T1	Month data	Row Id	year	sales	stock
1	1	1	1/1/14	0	4
1	2	2	1/2/14	70	4
1	3	3	1/3/14	59	4
1	4	4	1/4/14	93	4
1	5	5	1/5/14	96	4
1	6	6	1/6/14	145	4
1	7	7	1/7/14	179	4
1	8	8	1/8/14	321	4
1	9	9	1/9/14	125	4
1	10	10	1/10/14	88	5
1	11	11	1/11/14	188	5
1	12	12	1/12/14	121	5
1	13	13	1/13/14	134	4
1	14	14	1/14/14	80	4



# STOCK PROPERTIES

The screenshot displays the IBM Cognos Analytics interface. On the left, the 'Data module' pane shows a tree structure with 'stock' selected. The main grid view shows a table with columns: Row Id, year, sales, and stock. The 'stock' column is highlighted. On the right, the 'Properties' pane for the 'stock' property is open, showing the 'General' tab. The 'Label' is 'stock', 'Hide from users' is disabled, 'Expression' is 'View or edit', 'Usage' is 'Measure', 'Aggregate' is 'Total', 'Data type' is 'Integer', and 'Represents' is 'Default'.

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

# PRICE PROPERTIES

The screenshot displays the IBM Cognos Analytics interface. On the left, the 'Data module' pane shows a tree structure with 'price' selected. The main grid view shows a table with columns: year, sales, stock, and price. The 'price' column is highlighted. On the right, the 'Properties' pane for the 'price' property is open, showing the 'General' tab. The 'Label' is 'price', 'Hide from users' is disabled, 'Expression' is 'View or edit', 'Usage' is 'Measure', 'Aggregate' is 'Total', 'Data type' is 'Decimal', and 'Represents' is 'Default'.

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

# REVENUE PROPERTIES

The screenshot shows the IBM Cognos Analytics interface with the 'revenue' data module selected. The 'Properties' panel on the right displays the following settings:

- Label:** revenue
- Hide from users:** ☐
- Expression:** [View or edit](#)
- Usage:** Measure
- Calculate after aggregation:** ☐
- Aggregate:** Total
- Data type:** Decimal
- Represents:** Default
- Lookup reference:** None
- Description:** [Add description](#)

Row Id	revenue	Month data	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

# MONTH DATA PROPERTIES

The screenshot shows the IBM Cognos Analytics interface with the 'Month data' data module selected. The 'Properties' panel on the right displays the following settings:

- Label:** Month data
- Hide from users:** ☐
- Expression:** [View or edit](#)
- Usage:** Attribute
- Aggregate:** Count Distinct
- Data type:** Integer
- Represents:** Time
- Month:** ☐
- Description:** [Add description](#)
- Comments:** [Add comments](#)

Row Id	revenue	Month data	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



