

**Project Development Phase
Delivery of Sprint-1**

Team ID	PNT2022TMID09234
Project Title	Retail Store Stock Inventory Analytics

Project Development Phase:

SPRINT-1	<ul style="list-style-type: none">• Data Collection• Data Preparation
SPRINT-2	<ul style="list-style-type: none">• Data Exploration
SPRINT-3	<ul style="list-style-type: none">• Dashboard Creation
SPRINT-4	<ul style="list-style-type: none">• Report Creation• Story Creation

Project Contributors:

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- Imran Khan S (310619104041)
- Kamaleshwaran P (310619104050)
- Karthick S (310619104053)

Sprint - 1:

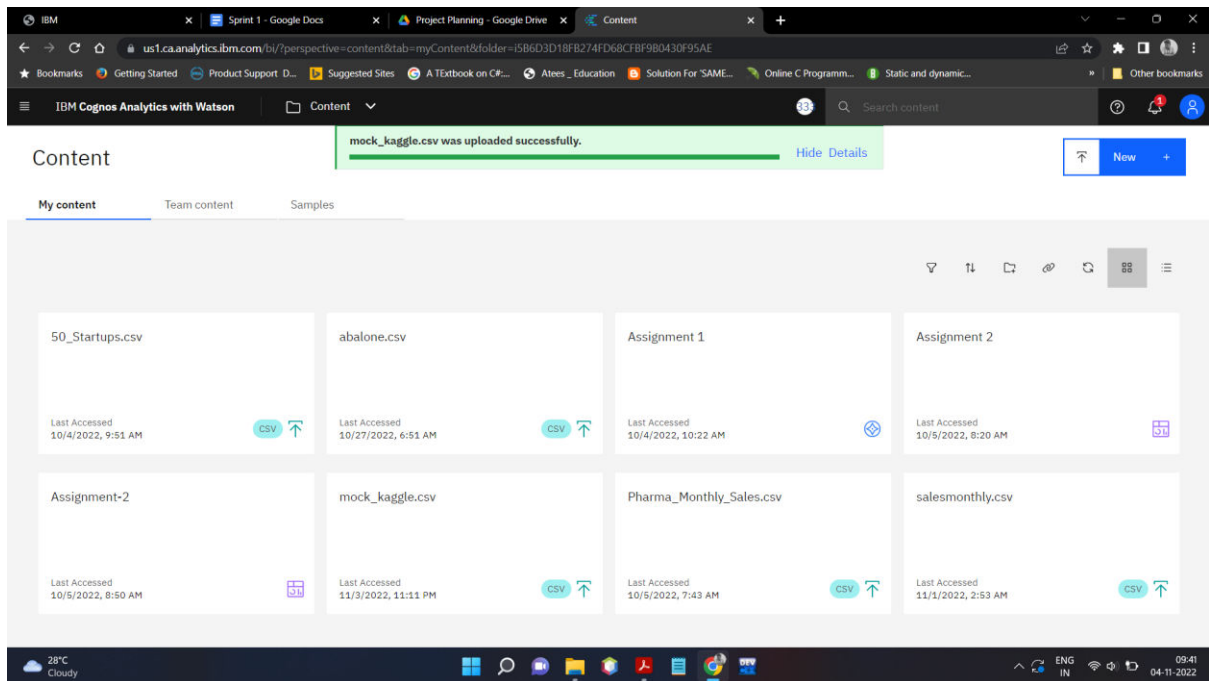
Data Collection:

Download the Dataset

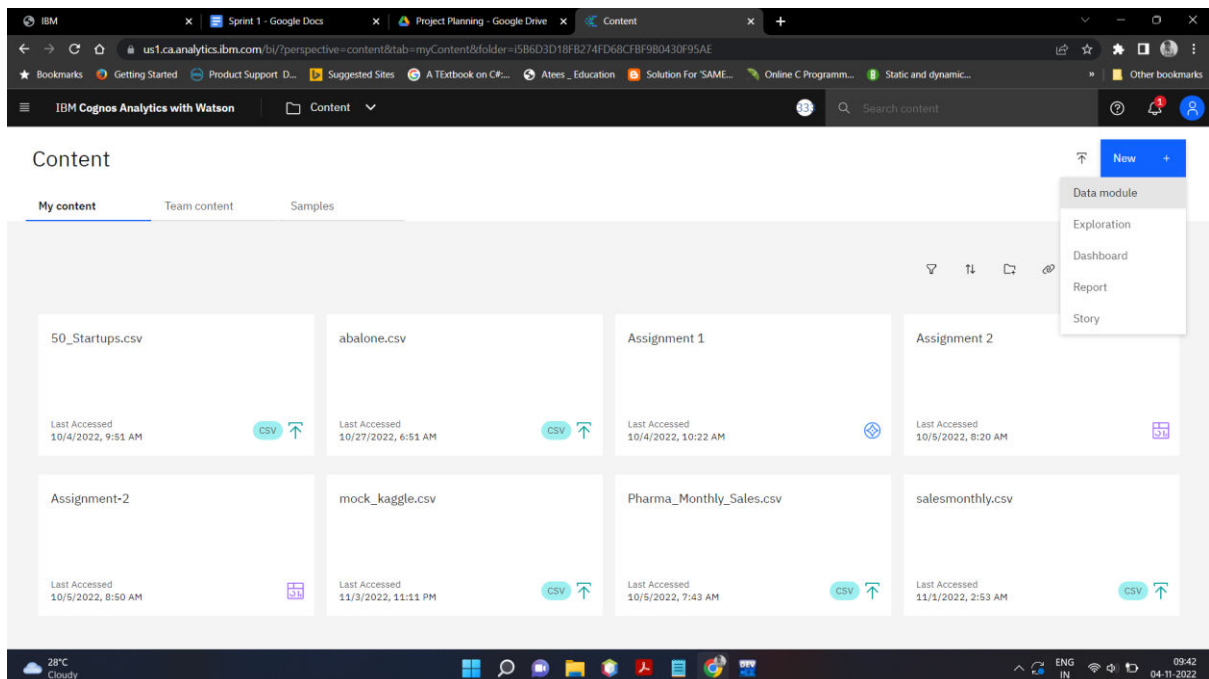
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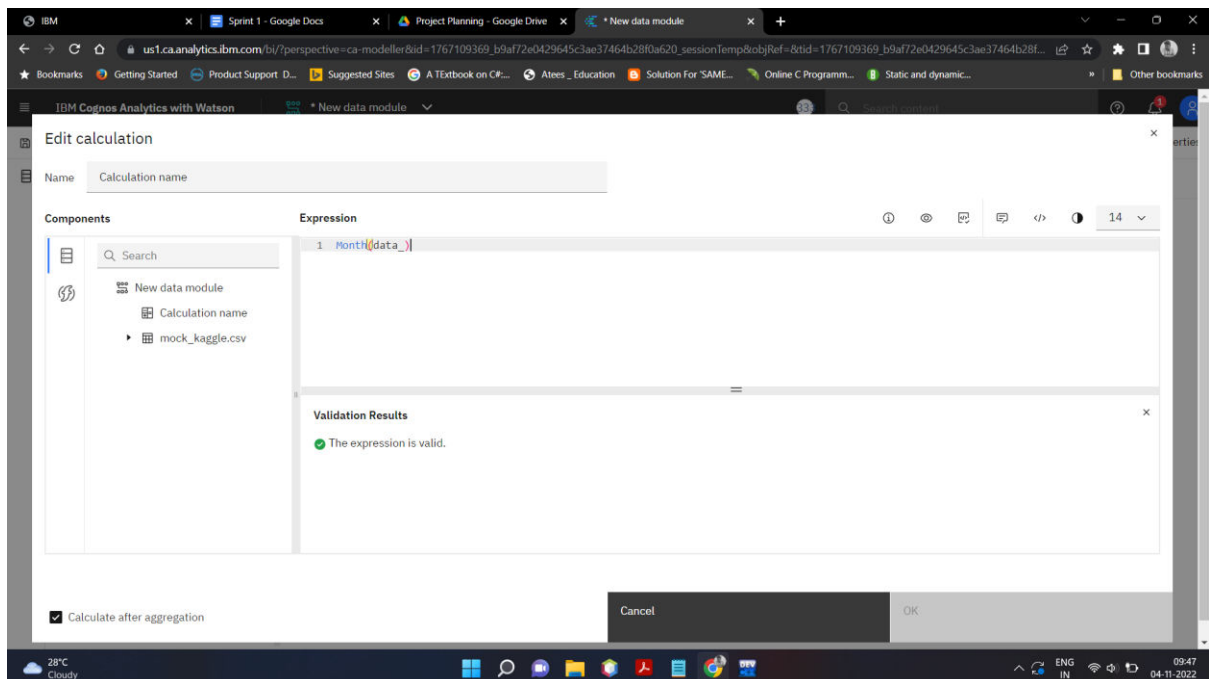
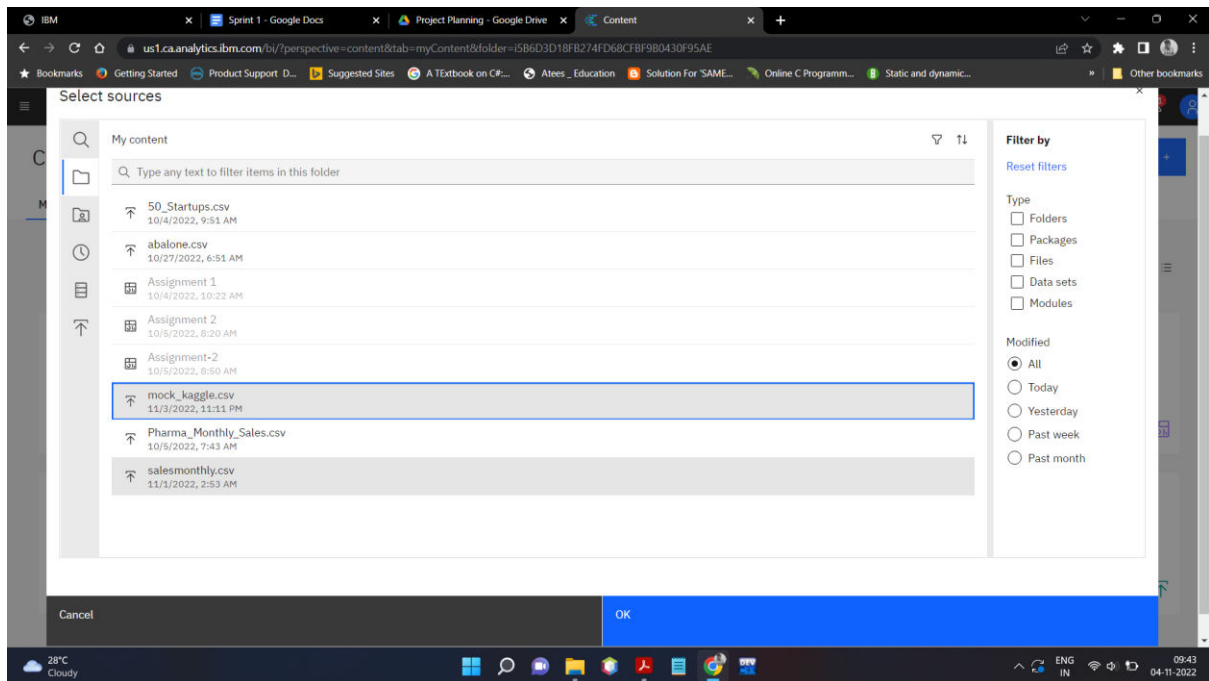
Load the Dataset:

Tool used – IBM Cognos

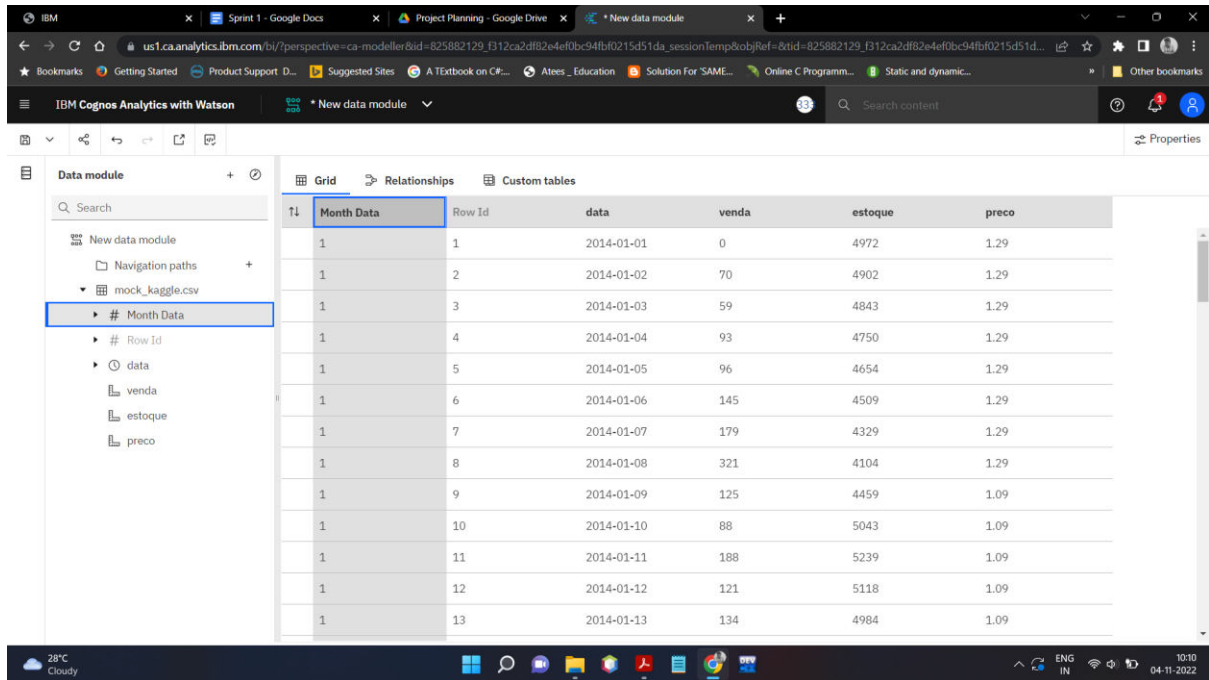


Creating New Module:





Month Data:



IBM Cognos Analytics with Watson

New data module

Search

Navigation paths

mock_kaggle.csv

Month Data

Row Id

data

venda

estoque

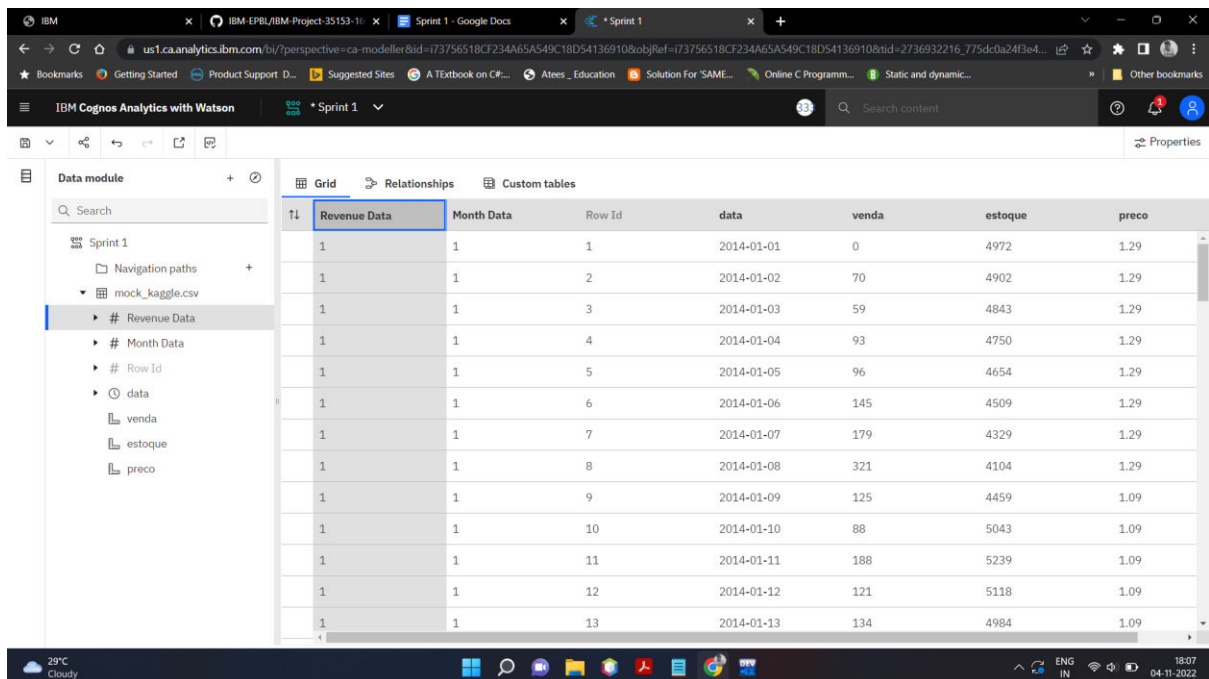
preco

Month Data	Row Id	data	venda	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

28°C Cloudy

10:10 04-11-2022

Revenue Data:



IBM Cognos Analytics with Watson

Sprint 1

Search

Navigation paths

mock_kaggle.csv

Revenue Data

Month Data

Row Id

data

venda

estoque

preco

Revenue Data	Month Data	Row Id	data	venda	estoque	preco
1	1	1	2014-01-01	0	4972	1.29
1	1	2	2014-01-02	70	4902	1.29
1	1	3	2014-01-03	59	4843	1.29
1	1	4	2014-01-04	93	4750	1.29
1	1	5	2014-01-05	96	4654	1.29
1	1	6	2014-01-06	145	4509	1.29
1	1	7	2014-01-07	179	4329	1.29
1	1	8	2014-01-08	321	4104	1.29
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1	1	10	2014-01-10	88	5043	1.09
1	1	11	2014-01-11	188	5239	1.09
1	1	12	2014-01-12	121	5118	1.09
1	1	13	2014-01-13	134	4984	1.09

29°C Cloudy

18:07 04-11-2022

Year Data:

The screenshot shows the IBM Cognos Analytics interface. On the left, the 'Data module' sidebar lists 'mock_kaggle.csv' with sub-items: '# Revenue Data', '# Month Data', '# Row Id', 'Date', 'Sales', 'Stock', and 'Price'. The 'Date' item is selected. The main grid displays a table with columns: 'Data', 'Month Data', 'Row Id', 'Date', 'Sales', 'Stock', and 'Price'. The table contains 13 rows of data for January 2014.

Data	Month Data	Row Id	Date	Sales	Stock	Price
1	1	1	Jan/1/2014	0	4972	1.29
1	2	2	Jan/2/2014	70	4902	1.29
1	3	3	Jan/3/2014	59	4843	1.29
1	4	4	Jan/4/2014	93	4750	1.29
1	5	5	Jan/5/2014	96	4654	1.29
1	6	6	Jan/6/2014	145	4509	1.29
1	7	7	Jan/7/2014	179	4329	1.29
1	8	8	Jan/8/2014	321	4104	1.29
1	9	9	Jan/9/2014	125	4459	1.09
1	10	10	Jan/10/2014	88	5043	1.09
1	11	11	Jan/11/2014	188	5239	1.09
1	12	12	Jan/12/2014	121	5118	1.09
1	13	13	Jan/13/2014	134	4984	1.09

Stock Data:

The screenshot shows the IBM Cognos Analytics interface. On the left, the 'Data module' sidebar lists 'mock_kaggle.csv' with sub-items: '# Revenue Data', '# Month Data', '# Row Id', 'Date', 'Sales', 'Stock', and 'Price'. The 'Stock' item is selected. The main grid displays a table with columns: 'Data', 'Month Data', 'Row Id', 'Date', 'Sales', 'Stock', and 'Price'. The table contains 13 rows of data for January 2014.

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1	11	11	Jan/11/2014	188	5239	1.09
1	12	12	Jan/12/2014	121	5118	1.09
1	13	13	Jan/13/2014	134	4984	1.09

Price Data:

The screenshot shows the IBM Cognos Analytics interface. On the left, the 'Data module' sidebar lists 'mock_kaggle.csv' with sub-items: '# Revenue Data', '# Month Data', '# Row Id', 'Date', 'Sales', 'Stock', and 'Price'. The 'Price' item is selected. The main area displays a table with columns: 'Data', 'Month Data', 'Row Id', 'Date', 'Sales', 'Stock', and 'Price'. The table contains 13 rows of data for January 2014.

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1	10	10	Jan/10/2014	88	5043	1.09
1	11	11	Jan/11/2014	188	5239	1.09
1	12	12	Jan/12/2014	121	5118	1.09
1	13	13	Jan/13/2014	134	4984	1.09

Sales Data:

The screenshot shows the IBM Cognos Analytics interface. On the left, the 'Data module' sidebar lists 'mock_kaggle.csv' with sub-items: '# Revenue Data', '# Month Data', '# Row Id', 'Date', 'Sales', 'Stock', and 'Price'. The 'Sales' item is selected. The main area displays a table with columns: 'Data', 'Month Data', 'Row Id', 'Date', 'Sales', 'Stock', and 'Price'. The table contains 13 rows of data for January 2014.

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1	6	6	Jan/6/2014	145	4509	1.29
1	7	7	Jan/7/2014	179	4329	1.29
1	8	8	Jan/8/2014	321	4104	1.29
1	9	9	Jan/9/2014	125	4459	1.09
1	10	10	Jan/10/2014	88	5043	1.09
1	11	11	Jan/11/2014	188	5239	1.09
1	12	12	Jan/12/2014	121	5118	1.09
1	13	13	Jan/13/2014	134	4984	1.09

Month Format Data:

The screenshot shows the IBM Cognos Analytics interface. On the left, the 'Data module' pane displays a tree structure with 'mock_kaggle.csv' expanded, showing fields: Revenue Data, Month Data, Row Id, Date, Sales, Stock, and Price. The 'Date' field is selected. The main grid view shows a table with columns: Data, Month Data, Row Id, Date, Sales, Stock, and Price. The data is organized by month, with each month having 13 rows. The 'Date' column shows dates from 1/1/14 to 1/13/14. The 'Sales', 'Stock', and 'Price' columns contain numerical values.

Data	Month Data	Row Id	Date	Sales	Stock	Price
1	1	1	1/1/14	0	4972	1.29
1	1	2	1/2/14	70	4902	1.29
1	1	3	1/3/14	59	4843	1.29
1	1	4	1/4/14	93	4750	1.29
1	1	5	1/5/14	96	4654	1.29
1	1	6	1/6/14	145	4509	1.29
1	1	7	1/7/14	179	4329	1.29
1	1	8	1/8/14	321	4104	1.29
1	1	9	1/9/14	125	4459	1.09
1	1	10	1/10/14	88	5043	1.09
1	1	11	1/11/14	188	5239	1.09
1	1	12	1/12/14	121	5118	1.09
1	1	13	1/13/14	134	4984	1.09

Year Format Data:

The screenshot shows the IBM Cognos Analytics interface. On the left, the 'Data module' pane displays a tree structure with 'mock_kaggle.csv' expanded, showing fields: Revenue Data, Month Data, Row Id, Date, Sales, Stock, and Price. The 'Date' field is selected. The main grid view shows a table with columns: Data, Month Data, Row Id, Date, Sales, Stock, and Price. The data is organized by year, with each year having 13 rows. The 'Date' column shows dates from Jan/1/2014 to Jan/13/2014. The 'Sales', 'Stock', and 'Price' columns contain numerical values.

Data	Month Data	Row Id	Date	Sales	Stock	Price
1	1	1	Jan/1/2014	0	4972	1.29
1	1	2	Jan/2/2014	70	4902	1.29
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1	1	11	Jan/11/2014	188	5239	1.09
1	1	12	Jan/12/2014	121	5118	1.09
1	1	13	Jan/13/2014	134	4984	1.09

Stock Format Data:

The screenshot shows the IBM Cognos Analytics interface. On the left, the 'Data module' pane lists 'mock_kaggle.csv' with fields: Revenue Data, Month Data, Row Id, Date, Sales, Stock, and Price. The 'Stock' field is selected. The main grid displays 13 rows of data. The 'Stock' column is highlighted with a blue border.

Month Data	Row Id	Date	Sales	Stock	Price
1	1	Jan/1/2014	0	4972	1.29
1	2	Jan/2/2014	70	4902	1.29
1	3	Jan/3/2014	59	4843	1.29
1	4	Jan/4/2014	93	4750	1.29
1	5	Jan/5/2014	96	4654	1.29
1	6	Jan/6/2014	145	4509	1.29
1	7	Jan/7/2014	179	4329	1.29
1	8	Jan/8/2014	321	4104	1.29
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1	11	Jan/11/2014	188	5239	1.09
1	12	Jan/12/2014	121	5118	1.09
1	13	Jan/13/2014	134	4984	1.09

Sales Format Data:

The screenshot shows the IBM Cognos Analytics interface. On the left, the 'Data module' pane lists 'mock_kaggle.csv' with fields: Revenue Data, Month Data, Row Id, Date, Sales, Stock, and Price. The 'Sales' field is selected. The main grid displays 13 rows of data. The 'Sales' column is highlighted with a blue border.

Month Data	Row Id	Date	Sales	Stock	Price
1	1	Jan/1/2014	0	4972	1.29
1	2	Jan/2/2014	70	4902	1.29
1	3	Jan/3/2014	59	4843	1.29
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1	11	Jan/11/2014	188	5239	1.09
1	12	Jan/12/2014	121	5118	1.09
1	13	Jan/13/2014	134	4984	1.09

Price Format Data:

The screenshot shows the IBM Cognos Analytics interface. On the left, the 'Data module' pane lists 'mock_kaggle.csv' with sub-items: '# Revenue Data', '# Month Data', '# Row Id', 'Date', 'Sales', 'Stock', and 'Price'. The 'Price' item is selected. The main grid displays 13 rows of data with columns: 'Data', 'Month Data', 'Row Id', 'Date', 'Sales', 'Stock', and 'Price'. The 'Price' column is highlighted with a blue border.

Data	Month Data	Row Id	Date	Sales	Stock	Price
1	1	1	Jan/1/2014	0	4972	1.29
1	1	2	Jan/2/2014	70	4902	1.29
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1	1	12	Jan/12/2014	121	5118	1.09
1	1	13	Jan/13/2014	134	4984	1.09

Revenue Format Data:

The screenshot shows the IBM Cognos Analytics interface. On the left, the 'Data module' pane lists 'mock_kaggle.csv' with sub-items: '# Revenue Data', '# Month Data', '# Row Id', 'Date', 'Sales', 'Stock', and 'Price'. The '# Revenue Data' item is selected. The main grid displays 13 rows of data with columns: 'Revenue Data', 'Month Data', 'Row Id', 'Date', 'Sales', 'Stock', and 'Price'. The 'Revenue Data' column is highlighted with a blue border.

Revenue Data	Month Data	Row Id	Date	Sales	Stock	Price
1	1	1	Jan/1/2014	0	4972	1.29
1	1	2	Jan/2/2014	70	4902	1.29
1	1	3	Jan/3/2014	59	4843	1.29
1	1	4	Jan/4/2014	93	4750	1.29
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1	1	12	Jan/12/2014	121	5118	1.09
1	1	13	Jan/13/2014	134	4984	1.09

Cognos Link:

<https://us1.ca.analytics.ibm.com/bi/?perspective=ca-modeller&pathRef=.my folders%2FSprint%2B1>