

RETAIL STORE STOCK INVENTORY ANALYTICS

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Done by,

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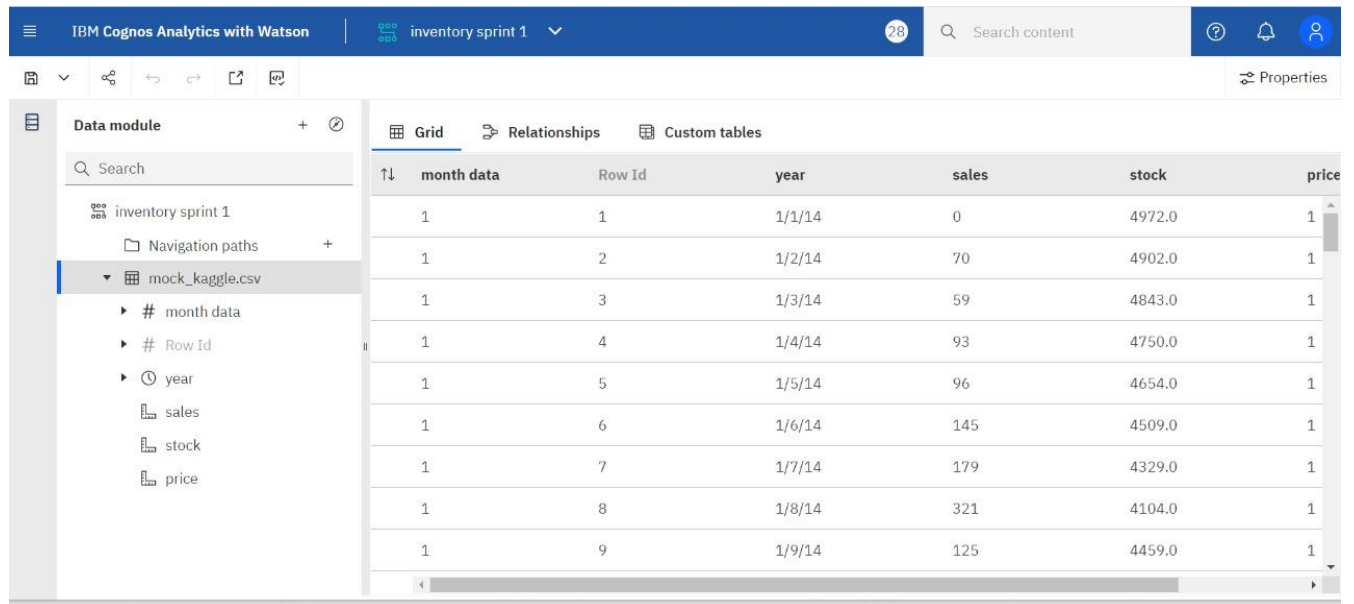
SOLLETI KEERTHIKA(111719104147)

SHALINI S (111719104141)

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APPLICATION

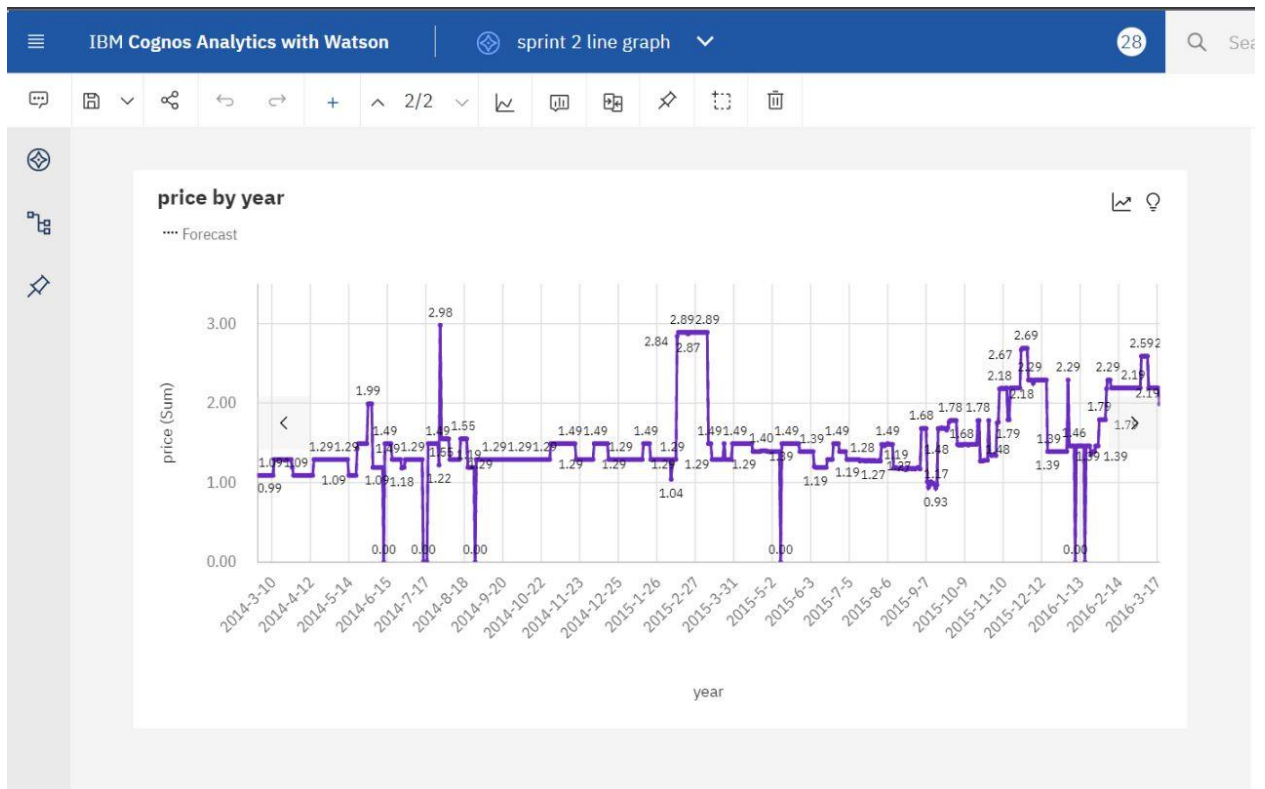
DATA PREPARATION



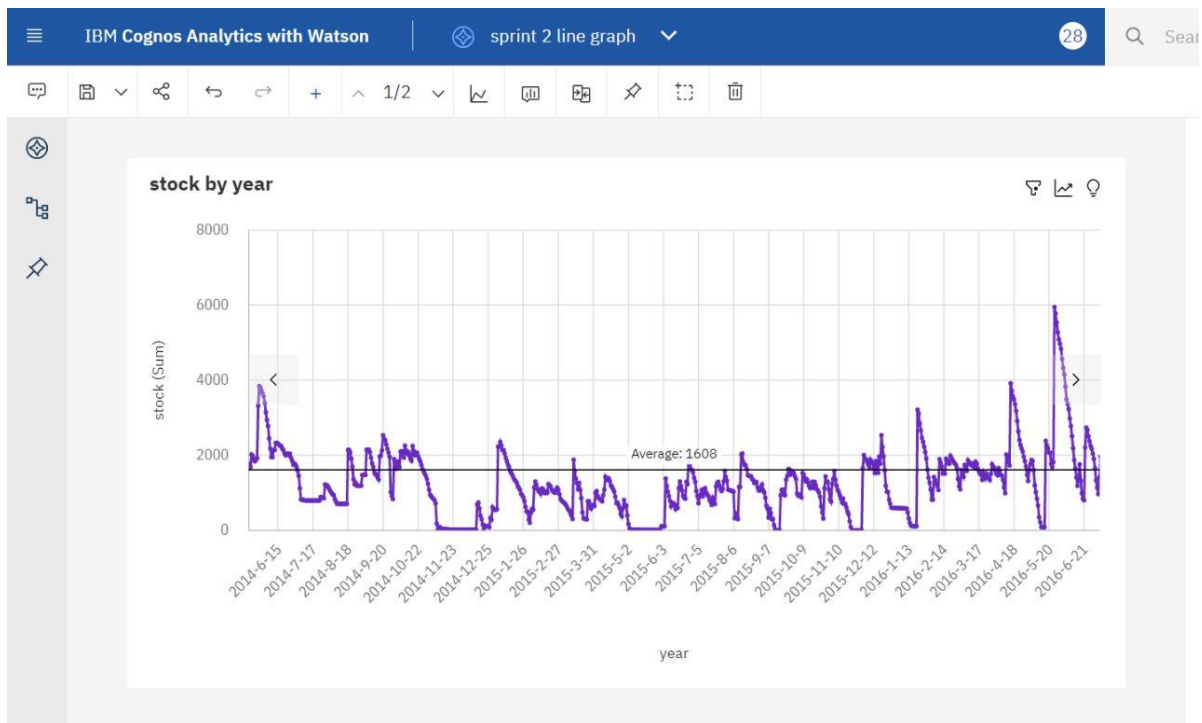
The screenshot displays the IBM Cognos Analytics interface. The top navigation bar includes the text 'IBM Cognos Analytics with Watson', a dropdown menu for 'inventory sprint 1', a search bar, and user profile icons. The main workspace is divided into a left sidebar and a central grid view. The sidebar, titled 'Data module', contains a search bar and a list of data sources: 'inventory sprint 1', 'Navigation paths', and 'mock_kaggle.csv'. The 'mock_kaggle.csv' source is expanded, showing fields: '# month data', '# Row Id', 'year', 'sales', 'stock', and 'price'. The central grid view shows a table with 9 rows and 6 columns: 'month data', 'Row Id', 'year', 'sales', 'stock', and 'price'. The data represents monthly sales and stock levels for the year 2014.

month data	Row Id	year	sales	stock	price
1	1	1/1/14	0	4972.0	1
1	2	1/2/14	70	4902.0	1
1	3	1/3/14	59	4843.0	1
1	4	1/4/14	93	4750.0	1
1	5	1/5/14	96	4654.0	1
1	6	1/6/14	145	4509.0	1
1	7	1/7/14	179	4329.0	1
1	8	1/8/14	321	4104.0	1
1	9	1/9/14	125	4459.0	1

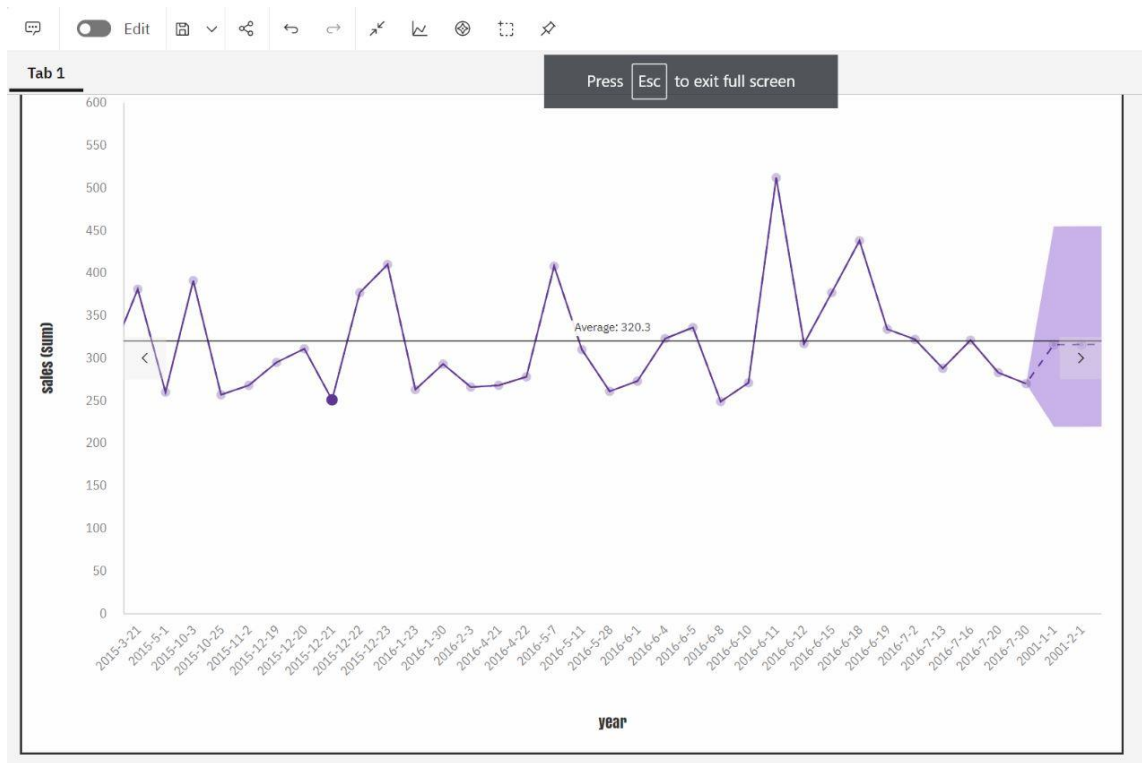
Year Wise Price Using Line Graph



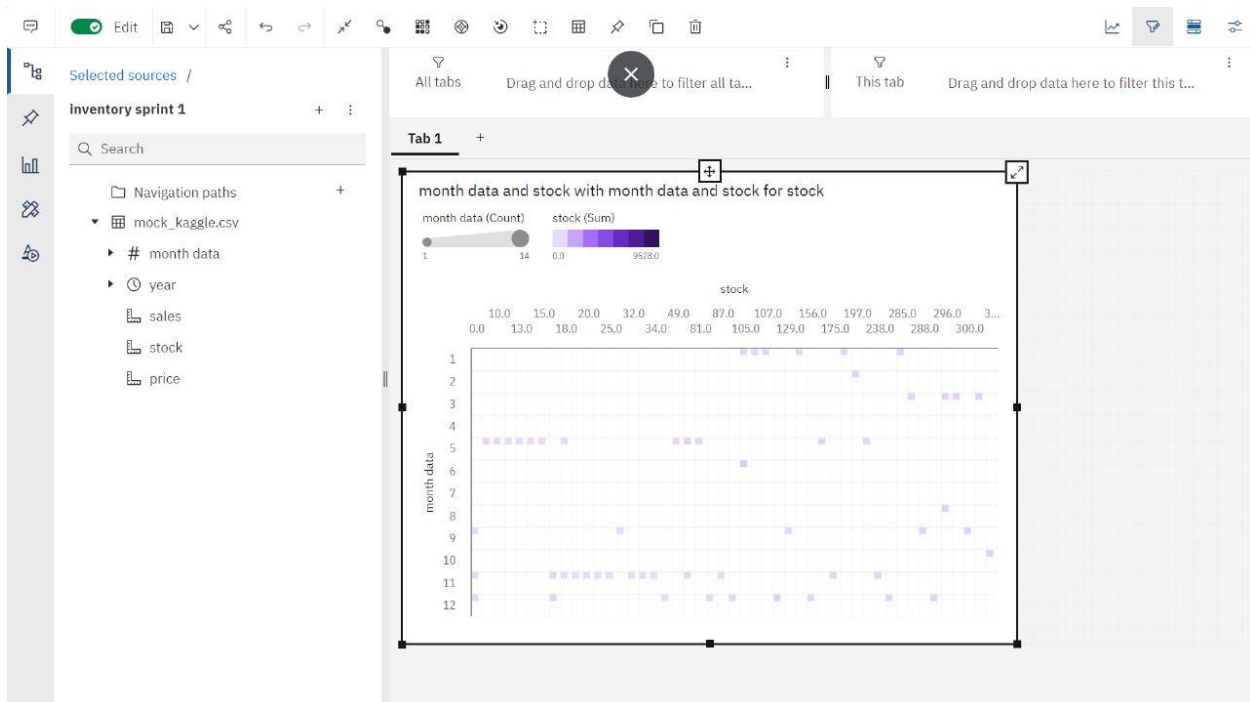
Year Wise Stock Using Line Graph



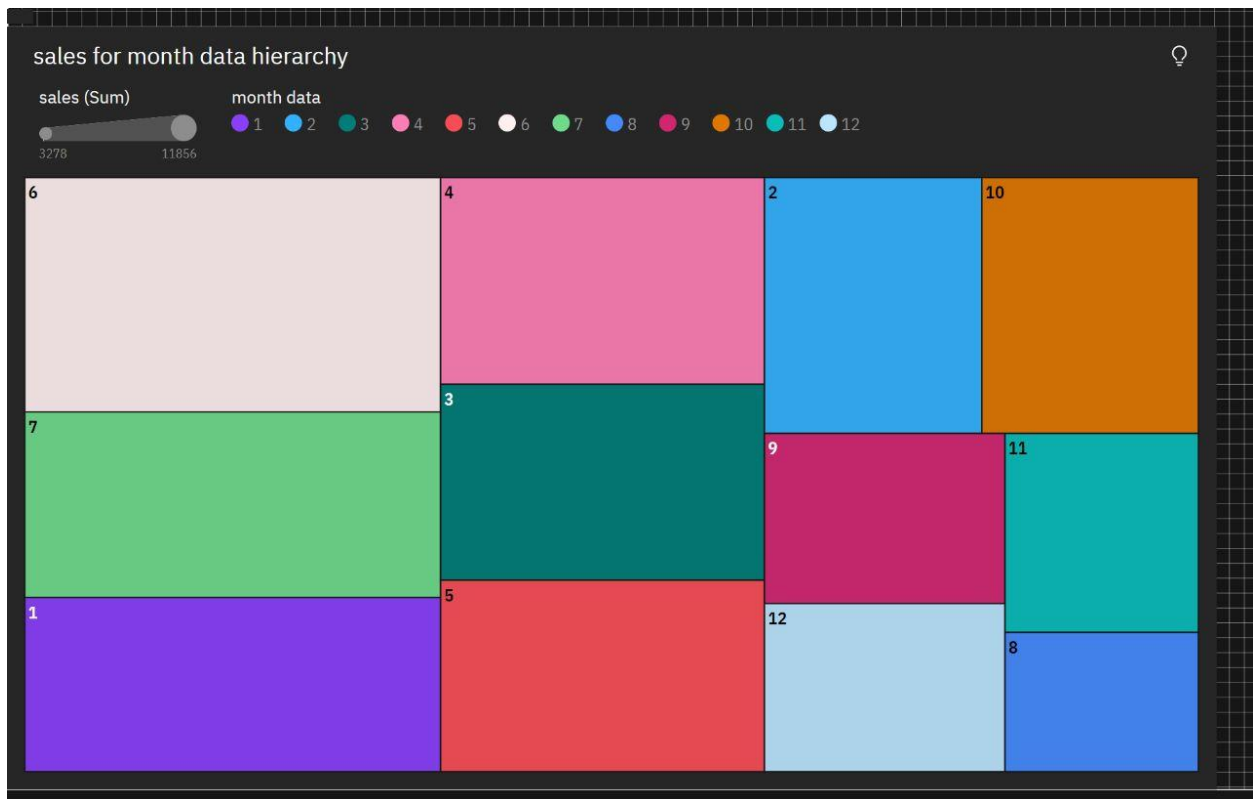
Top10 Sales By Year Using Line Graph



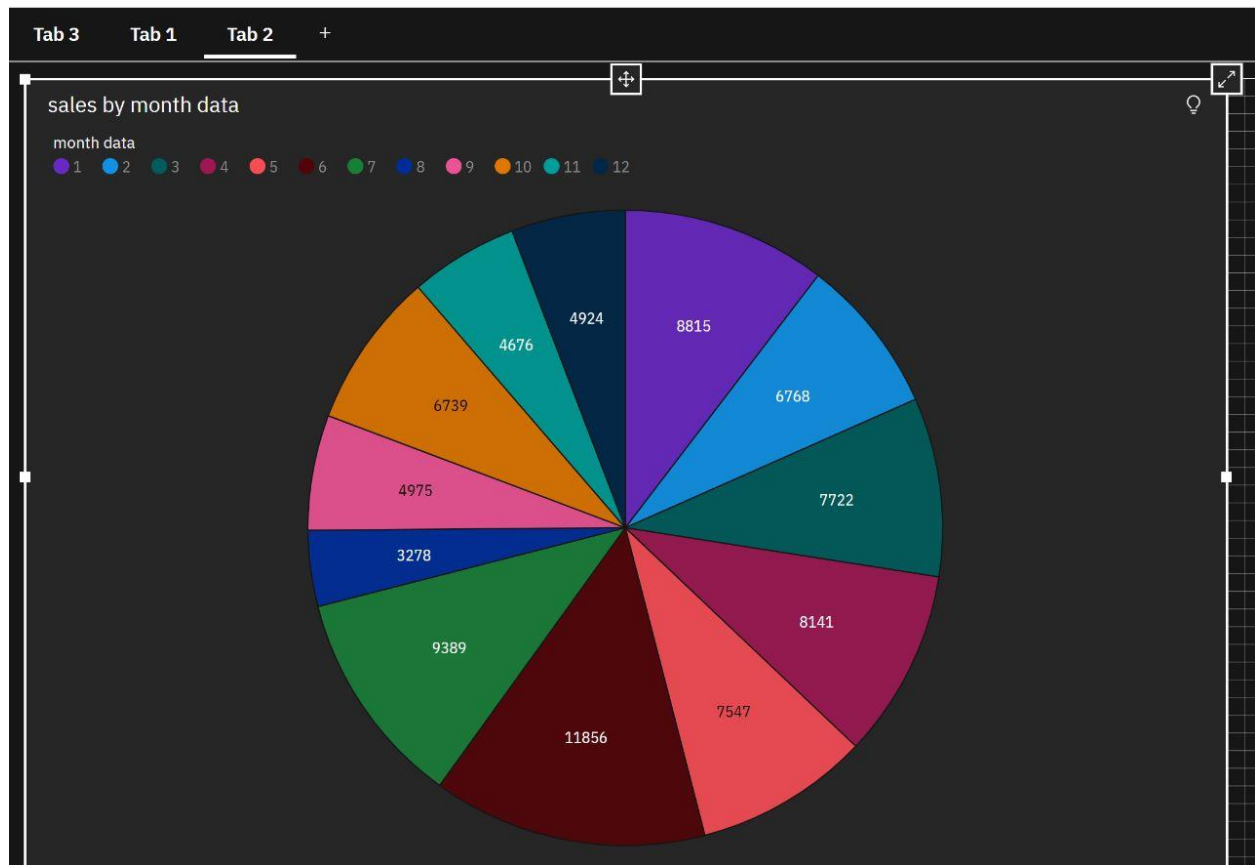
Monthly Stock Using Heat Map



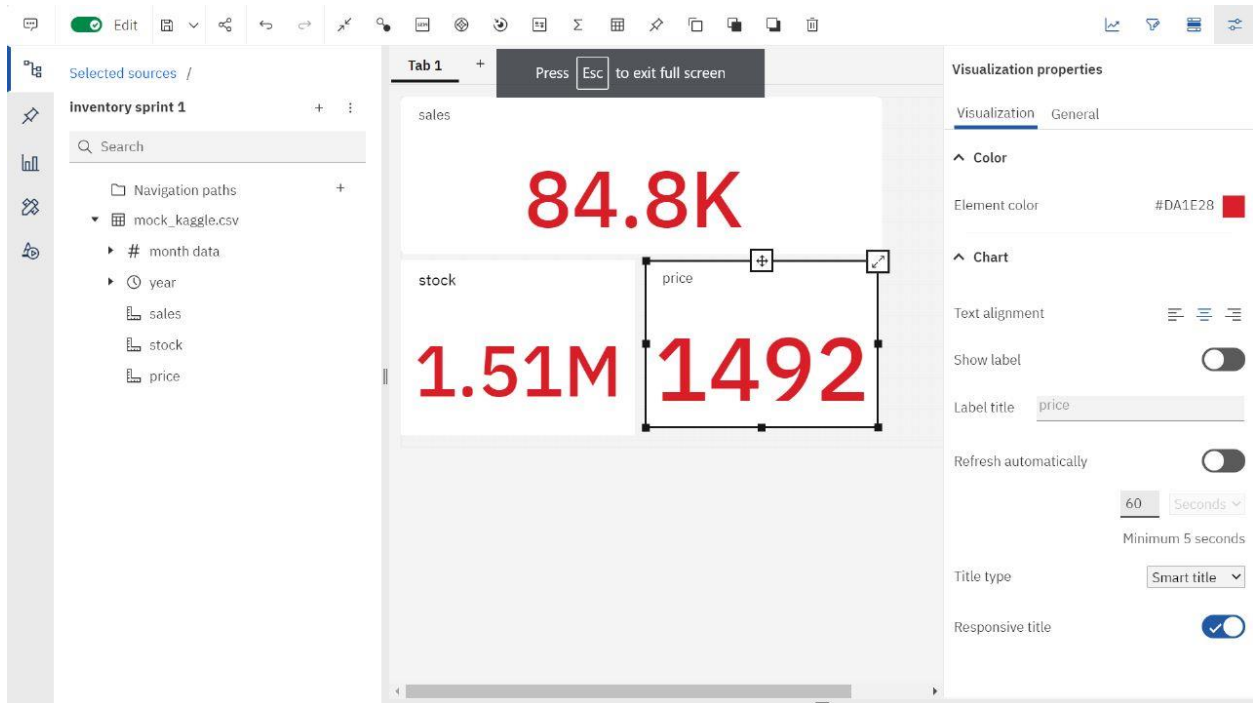
Monthly Sales Using Tree Map



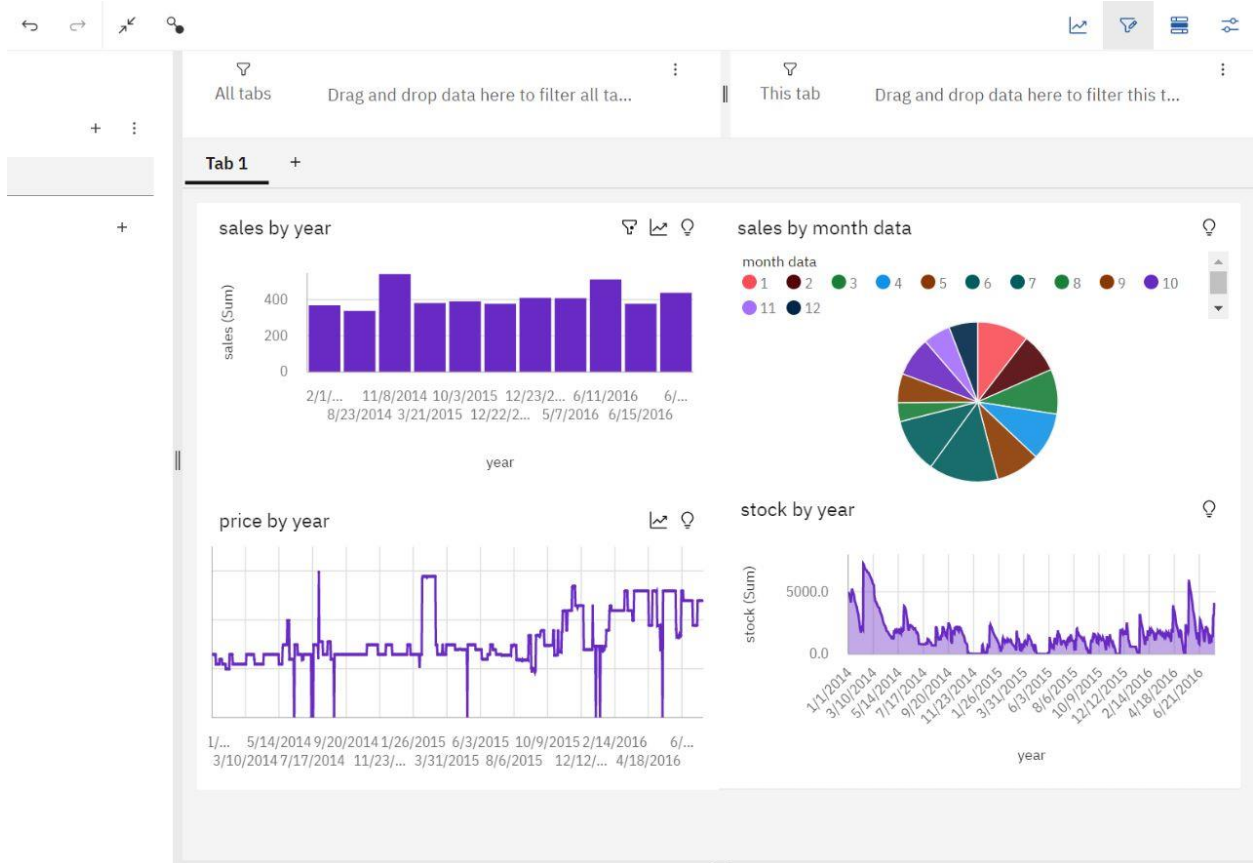
Monthly Revenue by Pie Chart



Summary cards of Total Revenue, Sales, Stock, Price



Dashboard Creation



DASHBOARDS

