

# **PROJECT DEVELOPMENT PHASE**

## **DELIVERY OF SPRINT-3**

Date	12-11-2022
Team ID	PNT2022TMID27175
Project Name	Retail Store Stock Inventory Analytics

### **PROJECT DEVELOPMENT PHASE:**

#### **Sprint-1:**

- Data Collection
- Data Preparation

#### **Sprint-3:**

- Dashboard Creation

#### **Sprint-2:**

- Data Exploration

#### **Sprint-4:**

- Report Creation
- Story Creation



## Retail Store Stock Inventory Analytics

### Project Contributors

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**TEAM ID:** PNT2022TMID27175

## **DATA COLLECTION:**

Download the Dataset

Dataset link - <https://drive.google.com/drive/folders/1kiL-5CHJmQvbk9VyFsUUs-myAupBZGNy>

# LOAD THE DATASET:

Tool used – IBM Cognos

Content

mock\_kaggle.csv was uploaded successfully. Hide Details

New +

My content Team content Samples

Data module Sprint-1

50\_startups.csv bank (1).csv bikebuyer.csv mock\_kaggle.csv

Olympic Events.xlsx Olympic Medals.xlsx Pharma\_Monthly\_Sales.csv pharmacy data

CSV CSV CSV CSV

Last Accessed 9/25/2022, 12:24 AM Last Accessed 10/30/2022, 11:59 PM Last Accessed 9/14/2022, 9:02 AM Last Accessed 10/31/2022, 12:06 AM

Last Accessed 9/16/2022, 3:23 AM Last Accessed 9/18/2022, 11:49 PM

The screenshot shows the IBM Cognos Content interface. At the top, a green success message says "mock\_kaggle.csv was uploaded successfully." with a "Hide Details" link. Below it are tabs for "My content" (which is selected), "Team content", and "Samples". On the right, there's a toolbar with icons for search, filter, refresh, and more. The main area displays a grid of datasets. It includes a "Data module" folder, a "Sprint-1" folder, and individual files like "50\_startups.csv", "bank (1).csv", "bikebuyer.csv", "mock\_kaggle.csv", "Olympic Events.xlsx", "Olympic Medals.xlsx", "Pharma\_Monthly\_Sales.csv", and "pharmacy data". Each item has a "Last Accessed" timestamp and a "CSV" button with a download icon.

IBM Cognos Analytics with Watson

2 items open

304

Search content

?

1

Profile

Home

+ New

Upload data

Content

Recent >

Manage

New

Data

Data module

Explore

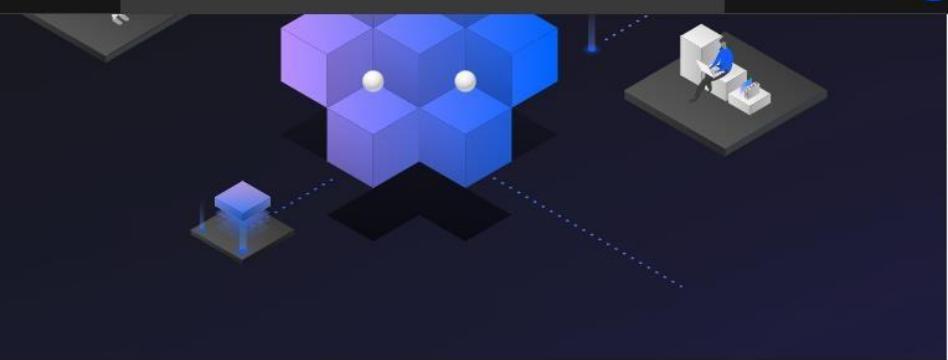
Exploration

Present

Dashboard

Report

Story





Exploration

Quickly find unbiased answers by identifying trends in your data with data explor...



Present data

Create sophisticated, multi-page, multi-query dashboards, reports, or stori...

# Create a Dashboard:

IBM Cognos Analytics with Watson | Create dashboard ▾ 304 | Search content | ? 1 ⌂

## Create a dashboard

Select a template for your dashboard

Tabbed Infographic

The screenshot shows a user interface for creating a dashboard in IBM Cognos Analytics with Watson. At the top, there's a navigation bar with the platform name, a 'Create dashboard' button, a notification badge (304), a search bar, and user profile icons. Below the header, the main title 'Create a dashboard' is displayed, followed by a subtitle 'Select a template for your dashboard'. There are two tabs: 'Tabbed' (selected) and 'Infographic'. The main area contains a 3x4 grid of 12 different dashboard layout templates. One template in the second row, third column is highlighted with a blue border and a small checkmark icon in its top right corner, indicating it has been selected or is the recommended choice.

# Select a Source:

IBM Cognos Analytics with Watson \* New dashboard 804 Search content ? 🔔 🙋

Select a source

Data

My content Team content

My content / project development phase / Sprint-1

Name Type Last Accessed

Retail inventory Management	Data module	11/4/2022, 12:15 AM
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Select a source

Click select a source to a dashboard.

Select a source

Cancel Add

Fields Properties

here to filter this tab.

The screenshot shows the IBM Cognos Analytics with Watson interface. A modal dialog box titled 'Select a source' is open in the center. On the left side of the interface, there is a sidebar with various icons and a message: 'Select a source Click select a source to a dashboard.' Below this is a blue button labeled 'Select a source'. The main content area shows a navigation path: 'My content / project development phase / Sprint-1'. Below this is a table with three columns: 'Name', 'Type', and 'Last Accessed'. One row is visible, showing 'Retail inventory Management' as a 'Data module' last accessed on '11/4/2022, 12:15 AM'. At the bottom of the dialog, there are 'Cancel' and 'Add' buttons. The top of the screen has a navigation bar with the title 'IBM Cognos Analytics with Watson', a search bar, and user profile icons. To the right of the dialog, there are 'Fields' and 'Properties' tabs, and a note 'here to filter this tab.'

⋮
Tab 1
Tab 2
Tab 3
Tab 4
Tab 5
+

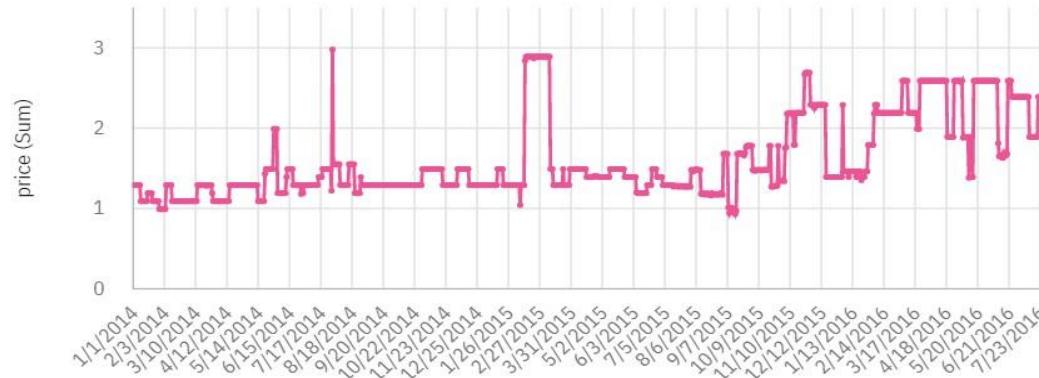
price, sales, stock

Measures

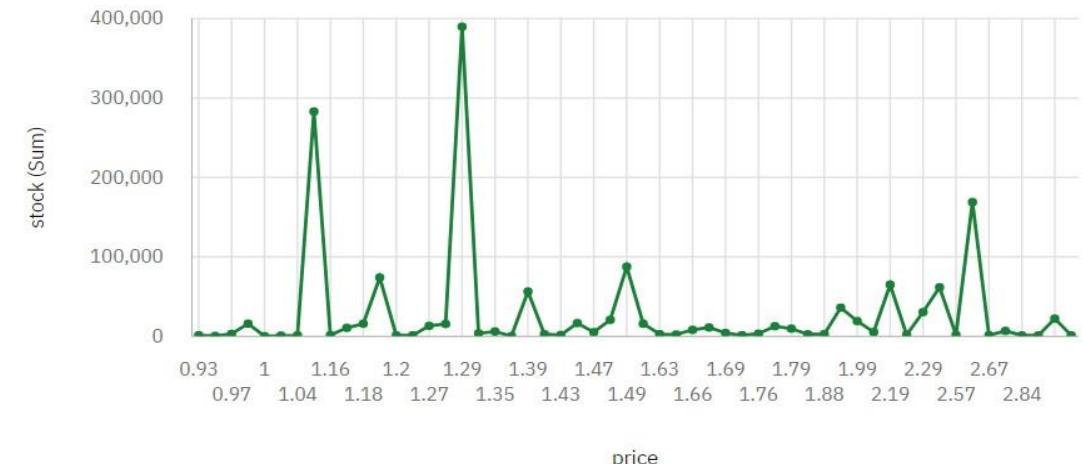
- price
- sales
- stock



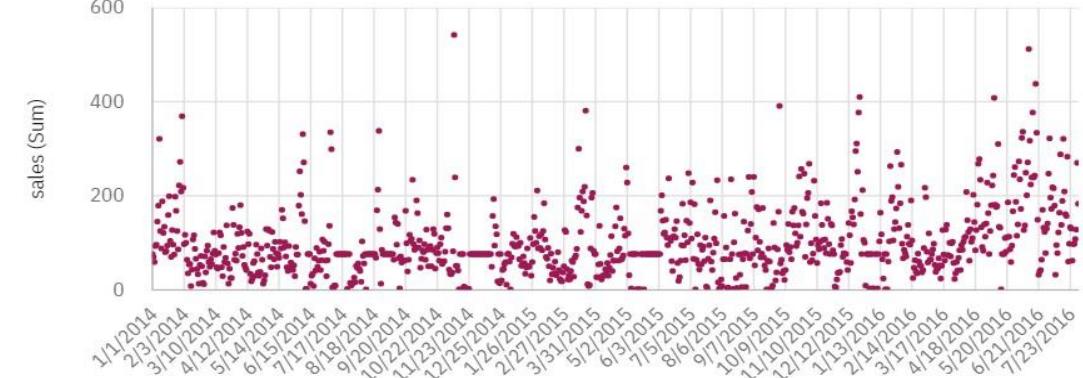
price by Year

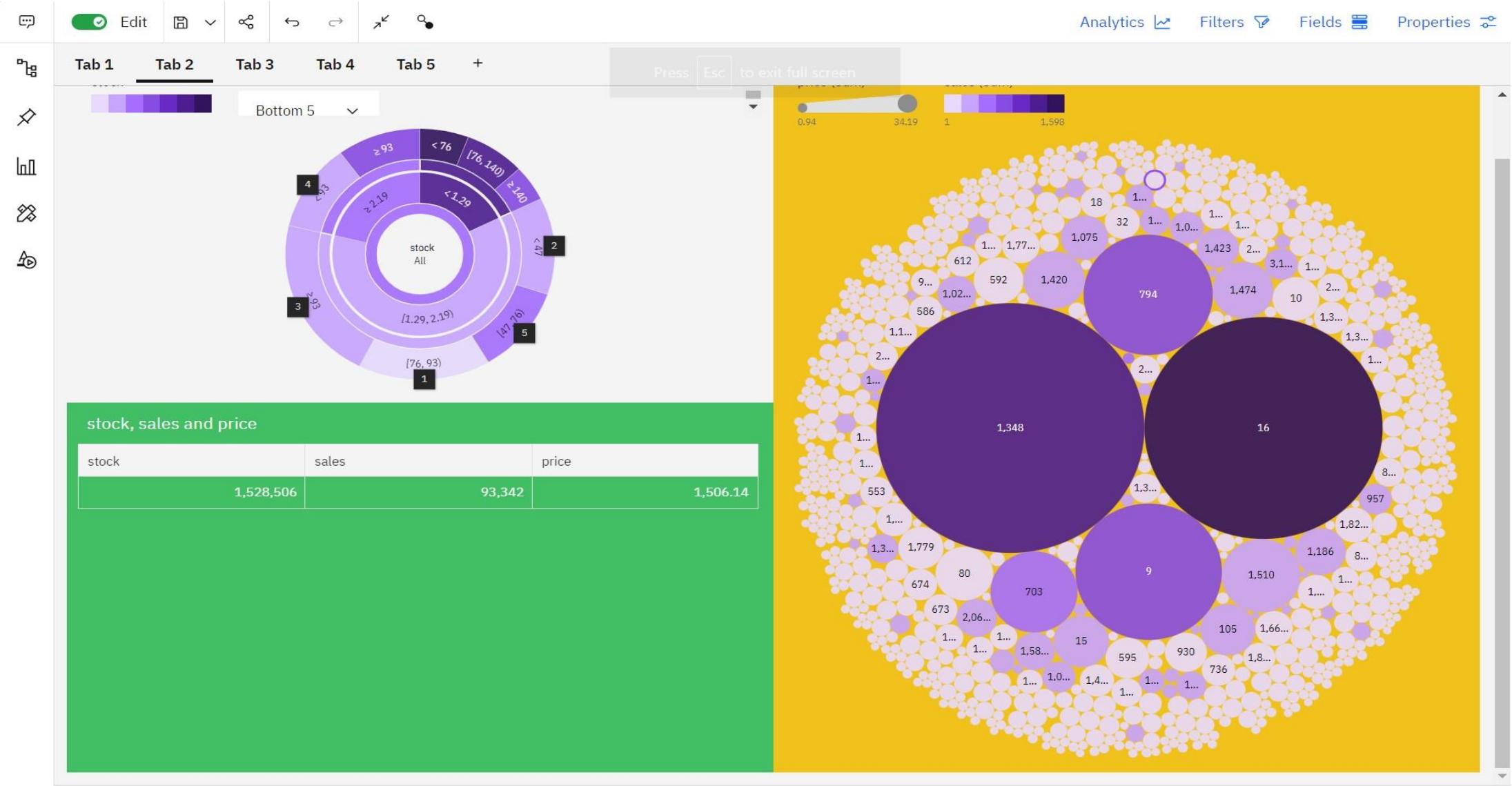


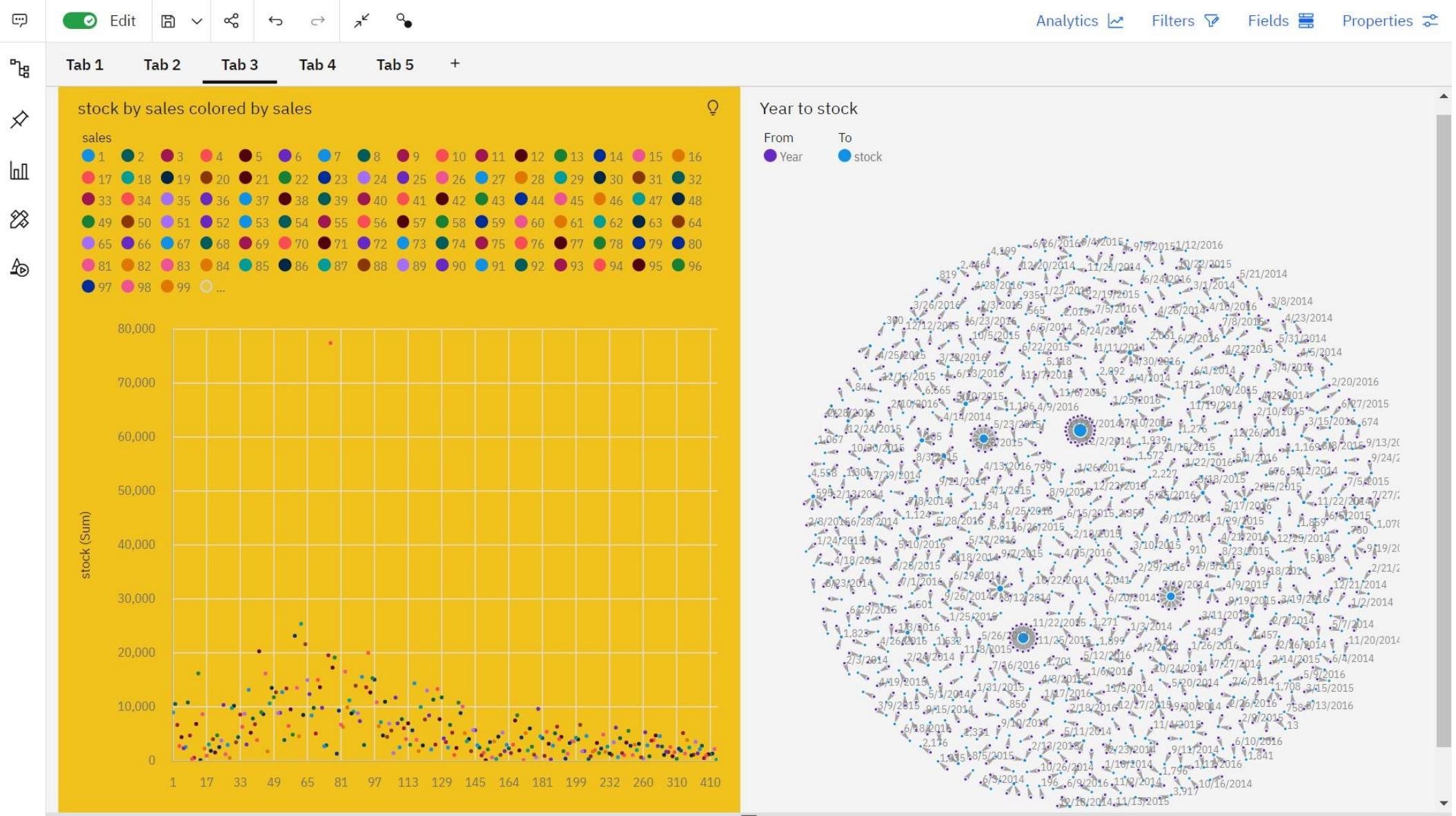
stock by price



sales by Year







Edit | Analytics | Filters | Fields | Properties

Tab 1 Tab 2 Tab 3 Tab 4 Tab 5 + Press Esc to exit full screen

### stock

Column values  
● Increase   ● Decrease   ● Sum

Year and price

Year	price	Year
Summary	1.19	
1/20/2014	1.19	1/20/2014
Summary	1.19	
1/21/2014	1.19	1/21/2014
Summary	1.19	
1/22/2014	1.09	1/22/2014
Summary	1.09	
1/23/2014	1.09	1/23/2014
Summary	1.09	
1/24/2014	1.09	1/24/2014
Summary	1.09	
1/25/2014	1.09	1/25/2014
Summary	1.09	
1/26/2014	1.09	1/26/2014
Summary	1.09	
1/27/2014	1.09	1/27/2014
Summary	1.09	
1/28/2014	1.09	1/28/2014
Summary	1.09	

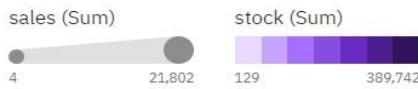
### sales by Year colored by sales and price

sales - price

1 1.19	1 1.29	1 1.46	1 1.49	1 1.69	1 1.89	2 1.19	2 1.29
2 1.46	2 1.49	2 1.66	3 1.18	3 1.29	3 1.39	3 1.46	3 1.69
4 1.16	4 1.28	4 1.29	5 1.18	5 1.29	5 1.47	5 2.69	6 1.17

Tab 1
Tab 2
Tab 3
Tab 4
Tab 5
+

price colored by stock sized by sales



2.89

1.66 1.63

1.47 2.29

2.19 1.49

1.76  
1.88  
1.99  
2.87  
1.18  
2.25  
1.75  
1.22  
1.41  
1.65  
1.04  
1.27  
2.67  
0.99  
1.04  
1.65  
1.27  
2.67  
2.57  
1.01  
0.93  
1.81  
1.68  
1.48  
2.84

1 2 9 2.59

price by sales

sales

272	369	171	198	124	213	331	199	169	338	252	237	159	79
241	165	257	182	299	300	10	11	248	14	335	155	158	143
381	193	211	195	310	212	263	295	251	311	410	192	260	391
233	21	542	160	17	512	438	317	224	334	293	266	173	278
408	283	288	178	232	121	46	151	185	117	6	188	270	216
218	322	162	145	126	146	152	92	109	12	147	148	261	244
336	273	249	187	323	206	135	175	136	176	240	222	28	134
26	...												

