

# PROJECT DEVELOPMENT PHASE

## DELIVERY OF SPRINT-2

Team ID	PNT2022TMID00800
Project Name	Retail Store Stock Inventory Analytics

### PROJECT DEVELOPMENT PHASE

#### Sprint-1:

- Data Collection
- Data Preparation

#### Sprint-2:

- Data Exploration

#### Sprint-3:

- Dashboard Creation

#### Sprint-4:

- Report Creation
- Story Creation

# **SPRINT-2:**

## **DATA EXPLORATION**

- ✓ LOAD THE DATASET
- ✓ SALES ANALYSIS
- ✓ PRICE ANALYSIS
- ✓ STOCK AND PRICE FOR YEAR COLORED BY PRICE
- ✓ PRICE FOR YEAR COLORED BY YEAR
- ✓ STOCK AND SALES FOR YEAR COLORED BY YEAR
- ✓ YEAR COLORED BY YEAR SIZED BY STOCK
- ✓ STOCK TREE SUNBURST
- ✓ SALES TO PRICE WITH LINE WIDTH PRICE
- ✓ STOCK USERS
- ✓ YEAR SIZED BY SALES
- ✓ PREPARED DATA LINK

# DATA COLLECTION:

Download the Dataset

Dataset link - [https://drive.google.com/drive/folders/1kiL-](https://drive.google.com/drive/folders/1kiL-5CHJmQvbk9VyFsuUs-myAupBZGNy)

[5CHJmQvbk9VyFsuUs-myAupBZGNy](https://drive.google.com/drive/folders/1kiL-5CHJmQvbk9VyFsuUs-myAupBZGNy)

# LOAD THE DATASET:

Tool used – IBM Cognos

The screenshot displays the IBM Cognos Analytics web interface. At the top, a dark navigation bar includes the text "IBM Cognos Analytics with Watson", a "Content" dropdown menu, a notification badge with "31", a search bar labeled "Search content", and icons for help, notifications, and user profile. Below the navigation bar, a green banner states "mock\_kaggle.csv was uploaded successfully." with a "Hide Details" link. The main area is titled "Content" and features three tabs: "My content" (selected), "Team content", and "Samples". A toolbar with icons for filter, sort, view, share, refresh, and a grid/list toggle is positioned above the content list. The content is displayed in a grid of cards. Each card shows the name of the data source, its last accessed date and time, and a "CSV" button with an upward arrow icon. The cards include: "Data module" (Last Accessed 9/25/2022, 12:24 AM), "Sprint-1" (Last Accessed 10/30/2022, 11:59 PM), "50\_startups.csv" (Last Accessed 9/16/2022, 3:23 AM), "bank (1).csv" (Last Accessed 9/18/2022, 11:49 PM), "bikebuyer.csv" (Last Accessed 9/14/2022, 9:02 AM), "mock\_kaggle.csv" (Last Accessed 10/31/2022, 12:06 AM), "Olympic Events.xlsx", "Olympic Medals.xlsx", "Pharma\_Monthly\_Sales.csv", and "pharmacy data".

IBM Cognos Analytics with Watson

Content

31

Search content

Content

mock\_kaggle.csv was uploaded successfully. [Hide Details](#)

New +

My content Team content Samples

Data module  
Last Accessed 9/25/2022, 12:24 AM

Sprint-1  
Last Accessed 10/30/2022, 11:59 PM

50\_startups.csv  
Last Accessed 9/16/2022, 3:23 AM CSV

bank (1).csv  
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bikebuyer.csv  
Last Accessed 9/14/2022, 9:02 AM CSV

mock\_kaggle.csv  
Last Accessed 10/31/2022, 12:06 AM CSV

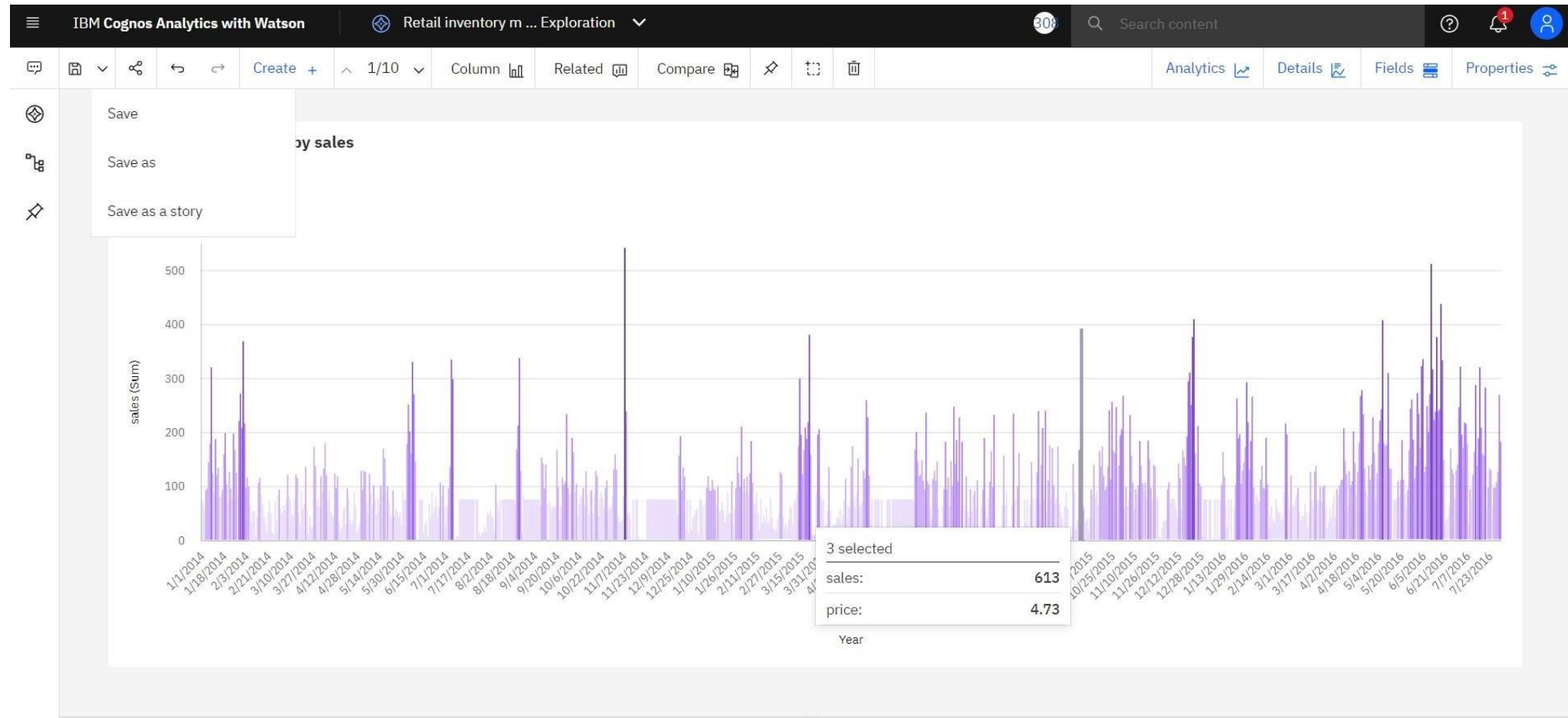
Olympic Events.xlsx

Olympic Medals.xlsx

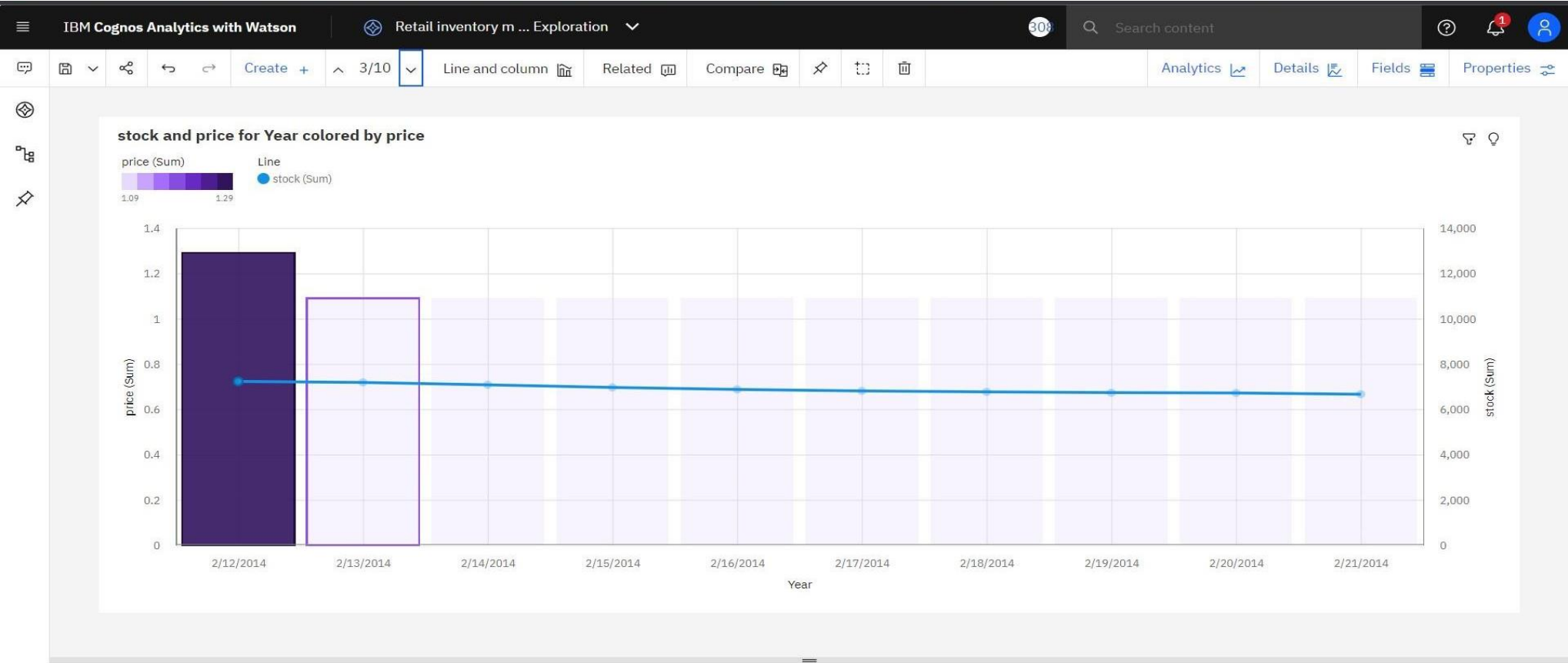
Pharma\_Monthly\_Sales.csv

pharmacy data

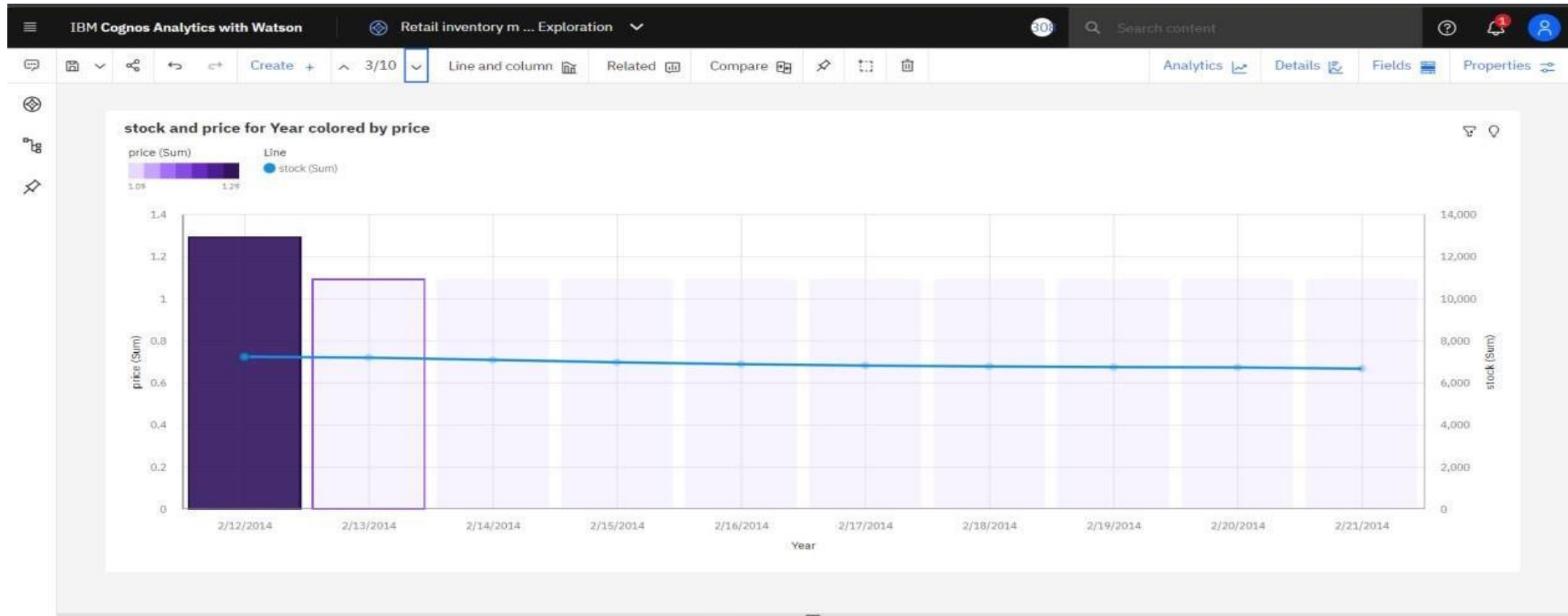
## SALES ANALYSIS:



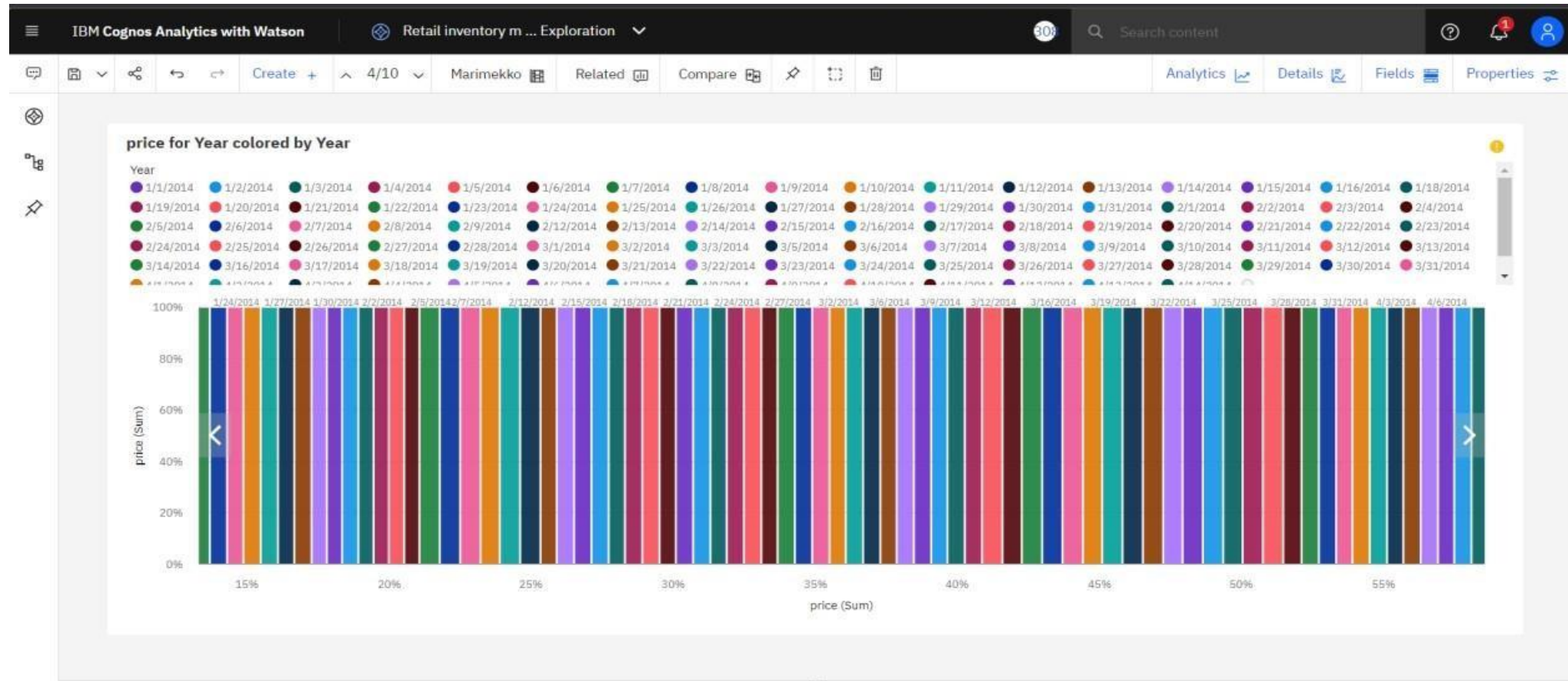
# PRICE ANALYSIS:



# STOCK AND PRICE FOR YEAR COLORED BY PRICE:

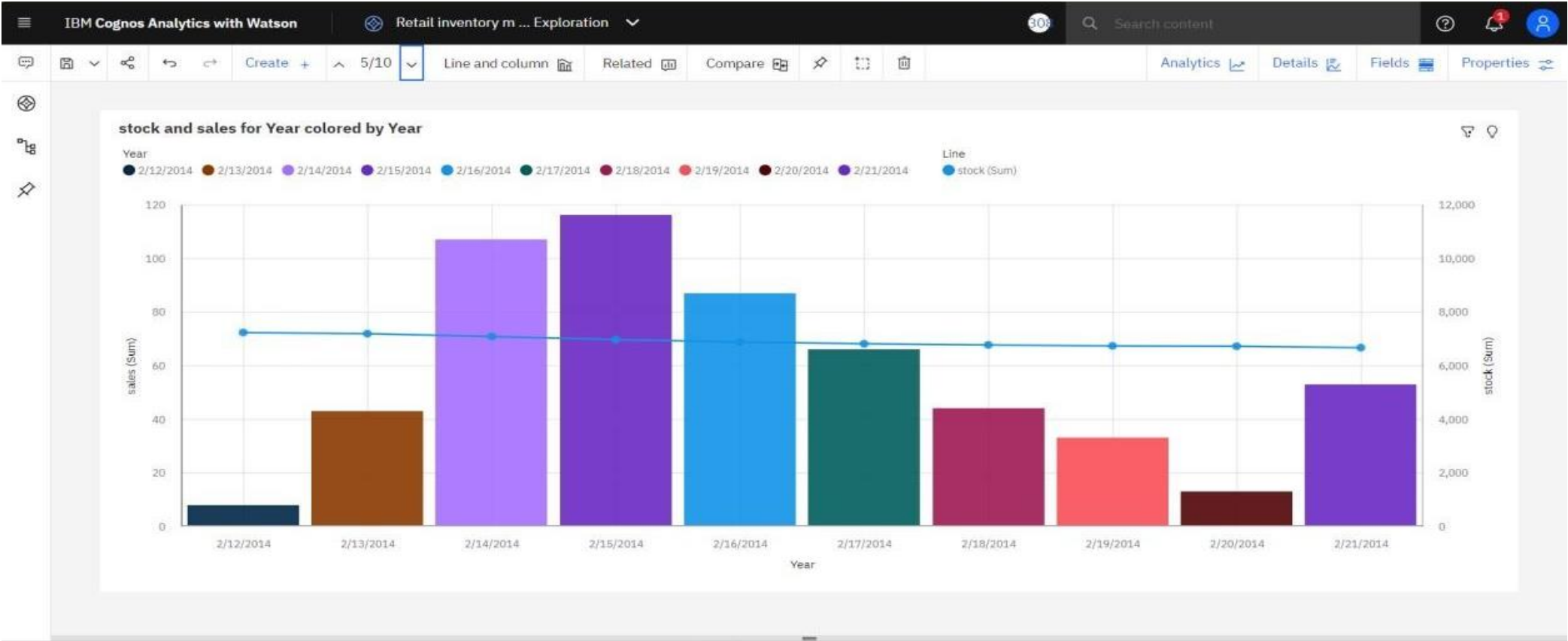


# PRICE FOR YEAR COLORED BY YEAR:

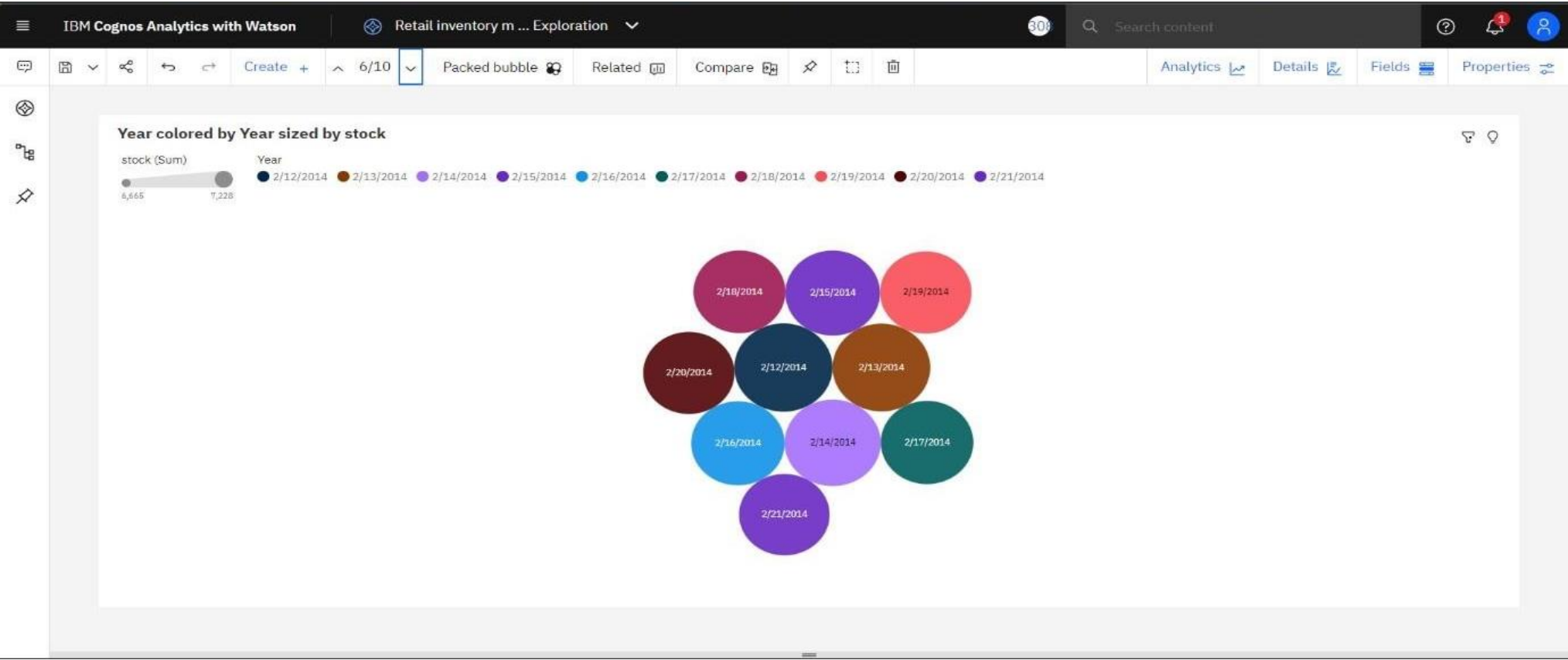




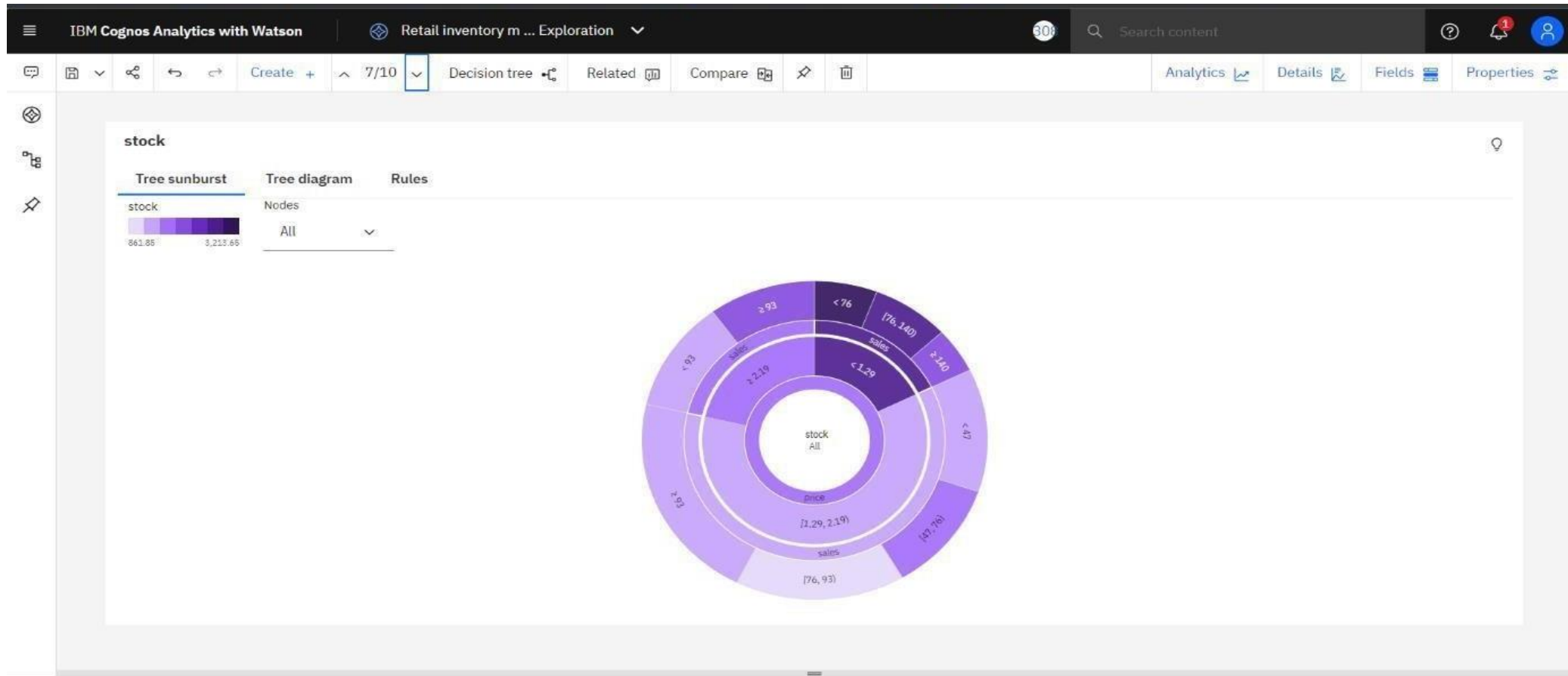
# STOCK AND SALES FOR YEAR COLORED BY YEAR:



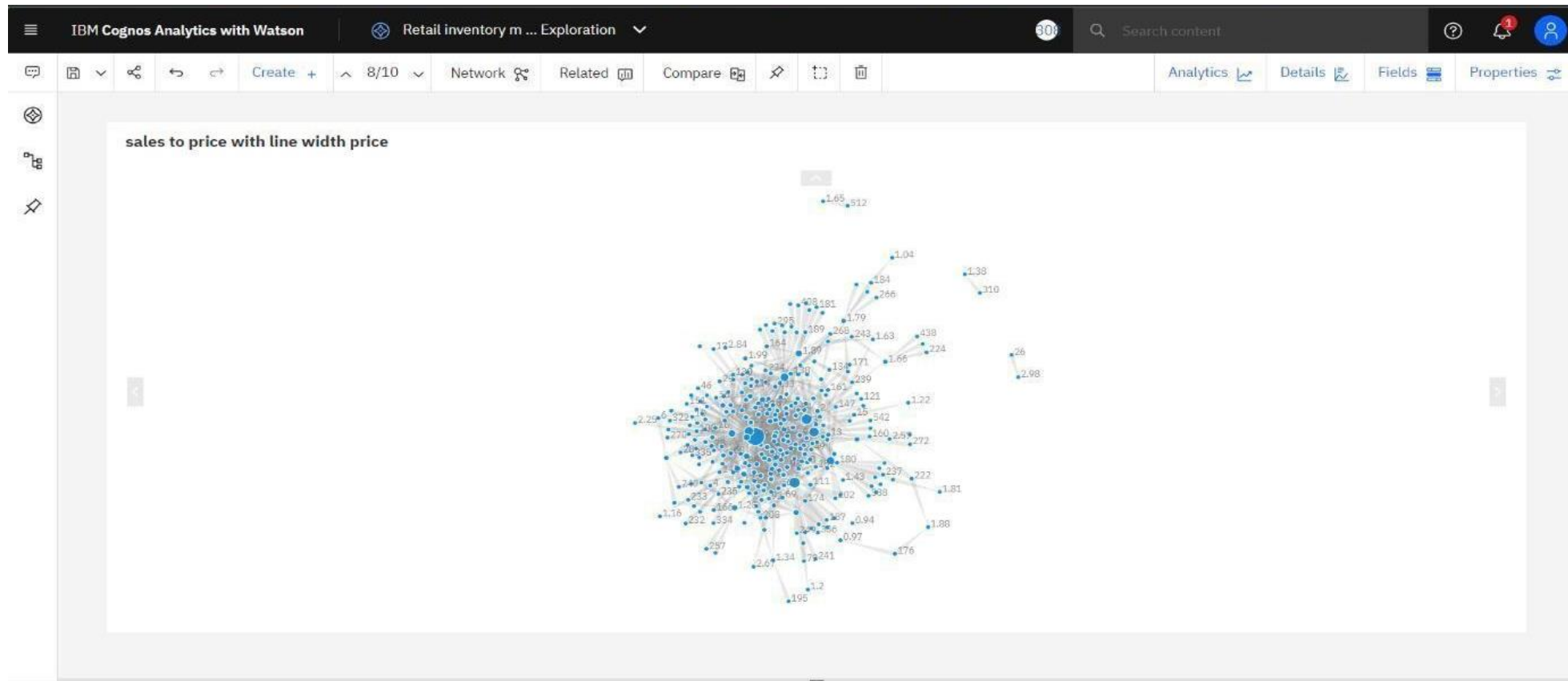
# YEAR COLORED BY YEAR SIZED BY STOCK:



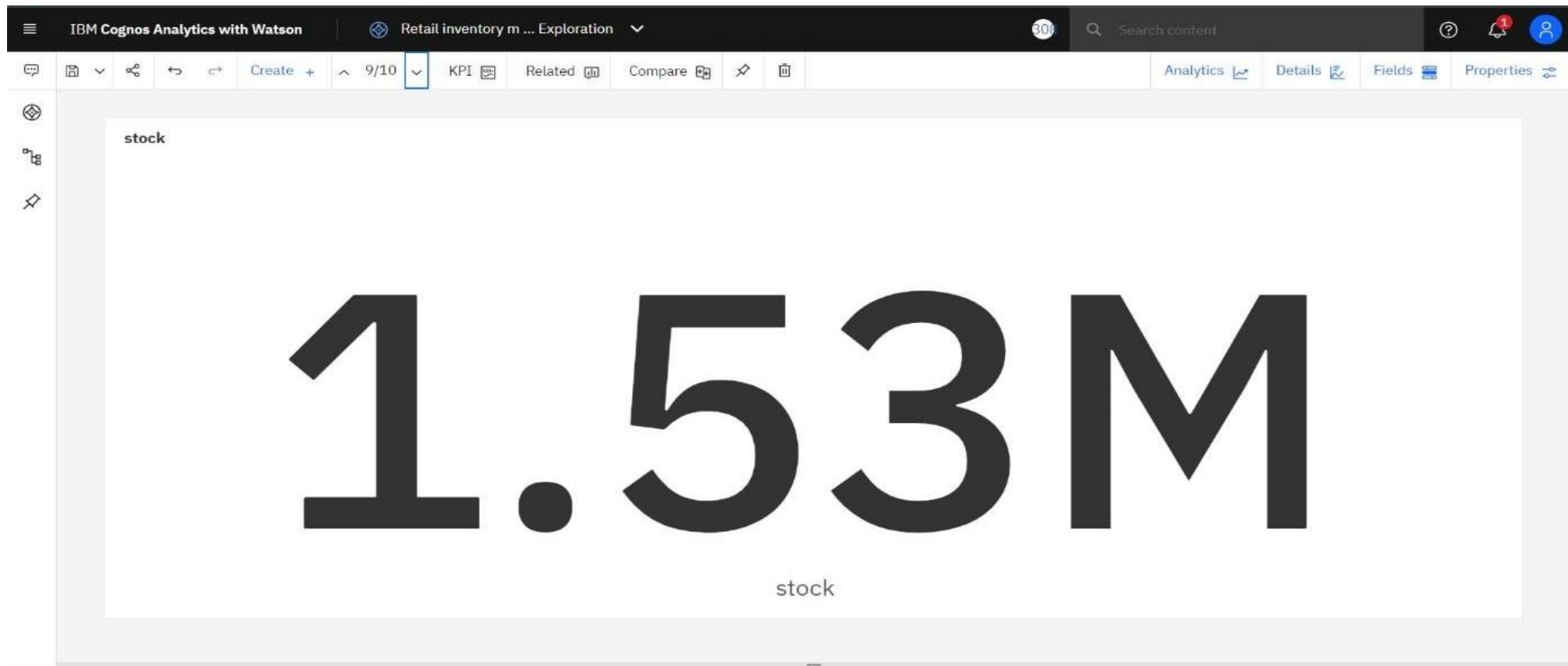
## STOCK TREE SUNBURST:



# SALES TO PRICE WITH LINE WIDTH PRICE:



# STOCK USERS:



# YEAR SIZED BY SALES:

