

# PROJECT DEVELOPMENT PHASE

## DELIVERY OF SPRINT-2

Team ID	PNT2022TMID37106
Project Name	Inventory Stock Management System

### **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)

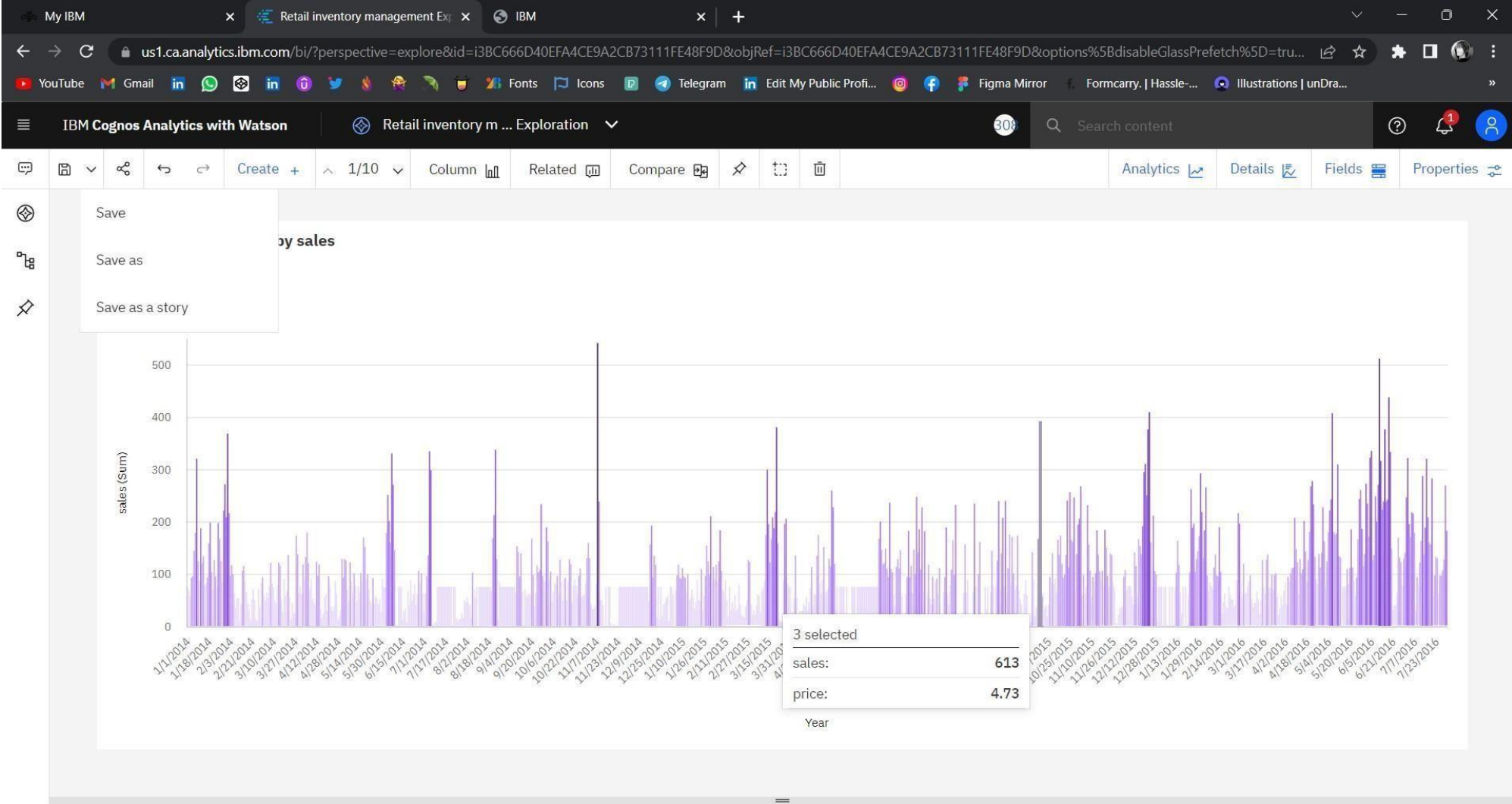
# LOAD THE DATASET:

Tool used – IBM Cognos

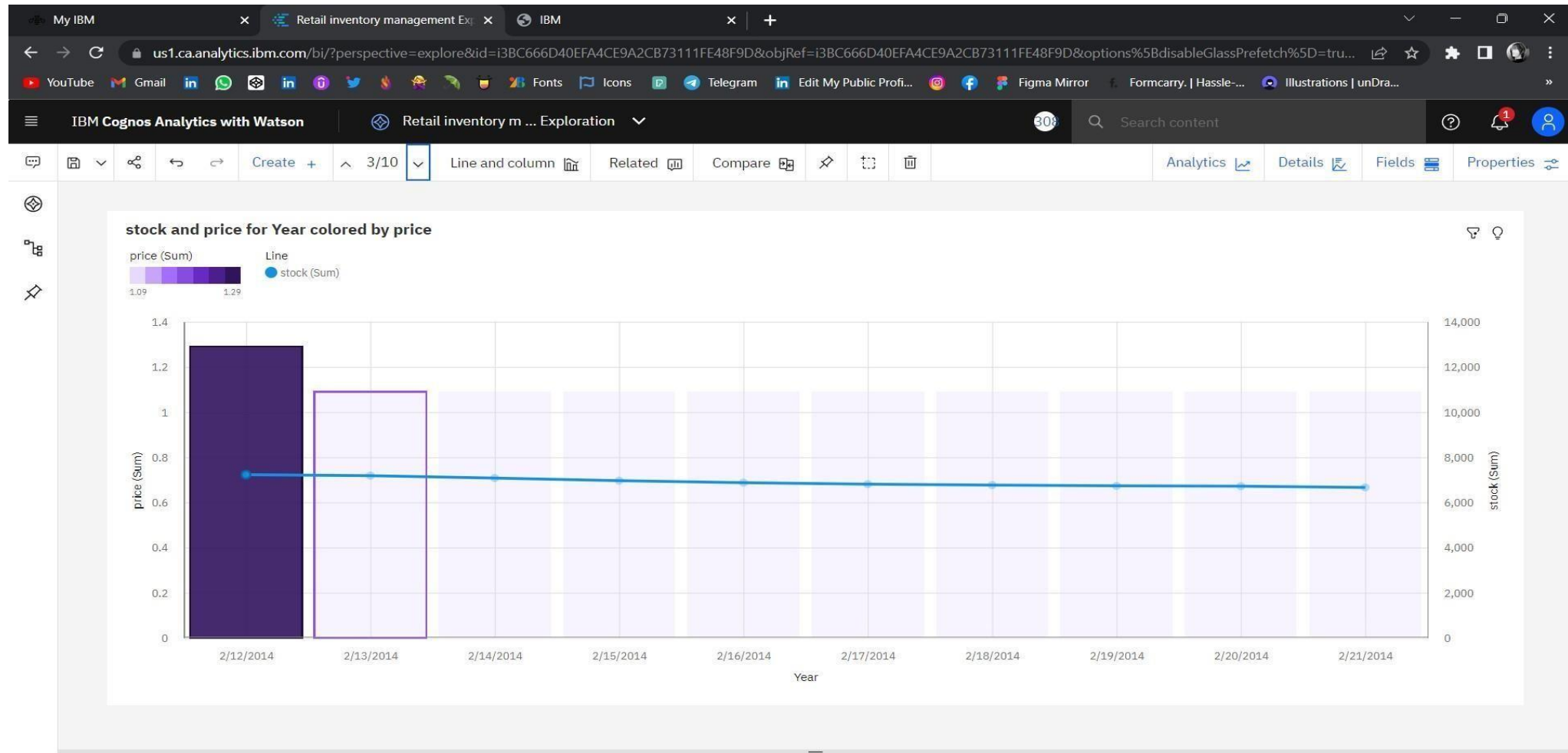
The screenshot displays the IBM Cognos Analytics web interface. The browser's address bar shows the URL: `us1.ca.analytics.ibm.com/bi/?perspective=content&tab=myContent&folder=i6B2ECC03DE384F2BBE13E94B27C40FC7`. The page title is "Content". A green notification banner at the top states "mock\_kaggle.csv was uploaded successfully." with a "Hide Details" link. Below the notification, there are tabs for "My content", "Team content", and "Samples". The main content area shows a grid of data modules and files. The first row includes "Data module" (last accessed 9/25/2022, 12:24 AM) and "Sprint-1" (last accessed 10/30/2022, 11:59 PM). The second row contains four items: "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), and "mock\_kaggle.csv" (last accessed 10/31/2022, 12:06 AM). The third row contains four items: "Olympic Events.xlsx", "Olympic Medals.xlsx", "Pharma\_Monthly\_Sales.csv", and "pharmacy data". Each CSV file has a "CSV" label and an upload icon. The interface also includes a search bar, a "New" button, and various navigation icons.

Item Name	Last Accessed	File Type
Data module	9/25/2022, 12:24 AM	Module
Sprint-1	10/30/2022, 11:59 PM	Module
50_startups.csv	9/16/2022, 3:23 AM	CSV
bank (1).csv	9/18/2022, 11:49 PM	CSV
bikebuyer.csv	9/14/2022, 9:02 AM	CSV
mock_kaggle.csv	10/31/2022, 12:06 AM	CSV
Olympic Events.xlsx		Excel
Olympic Medals.xlsx		Excel
Pharma_Monthly_Sales.csv		CSV
pharmacy data		Module

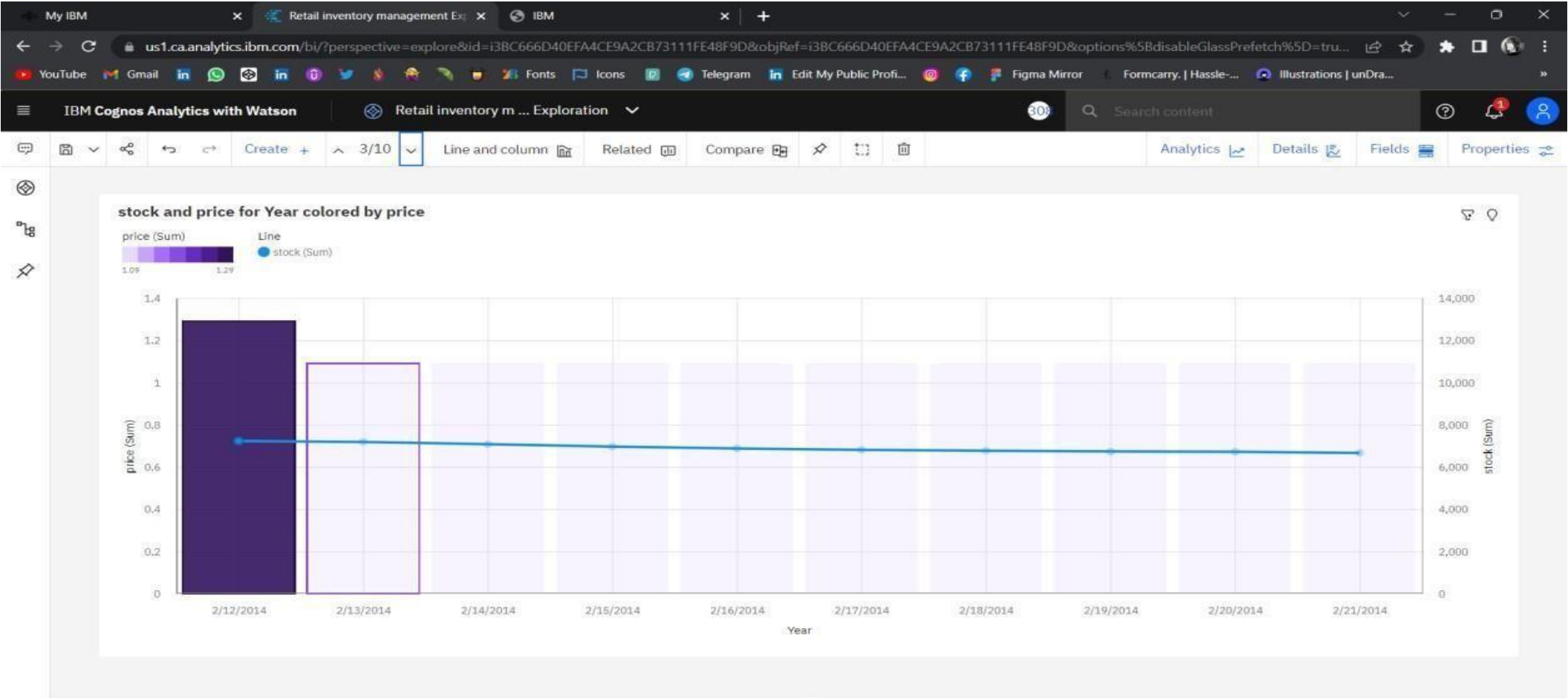
# SALES ANALYSIS:



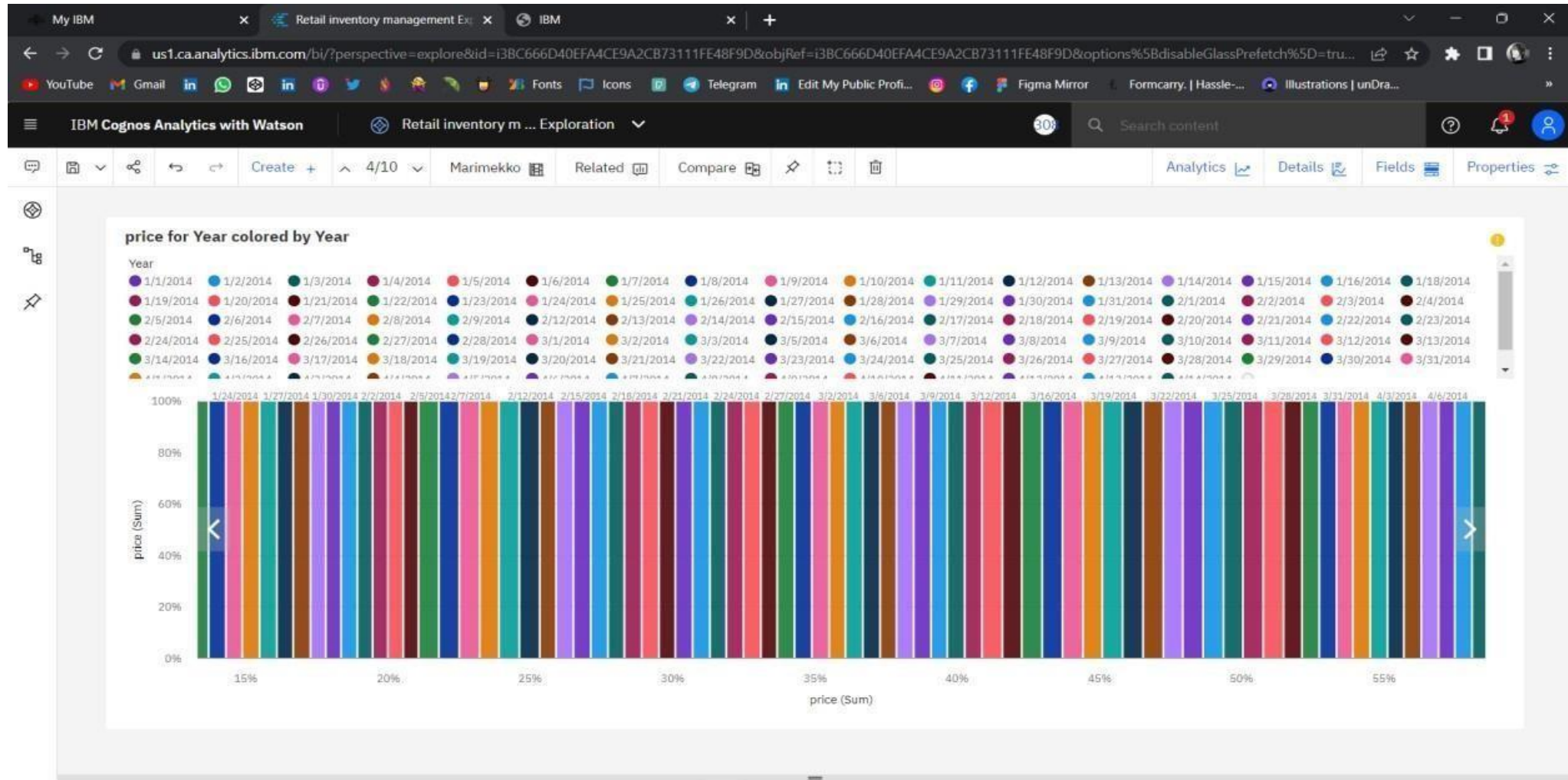
# PRICE ANALYSIS:



# STOCK AND PRICE FOR YEAR COLORED BY PRICE:

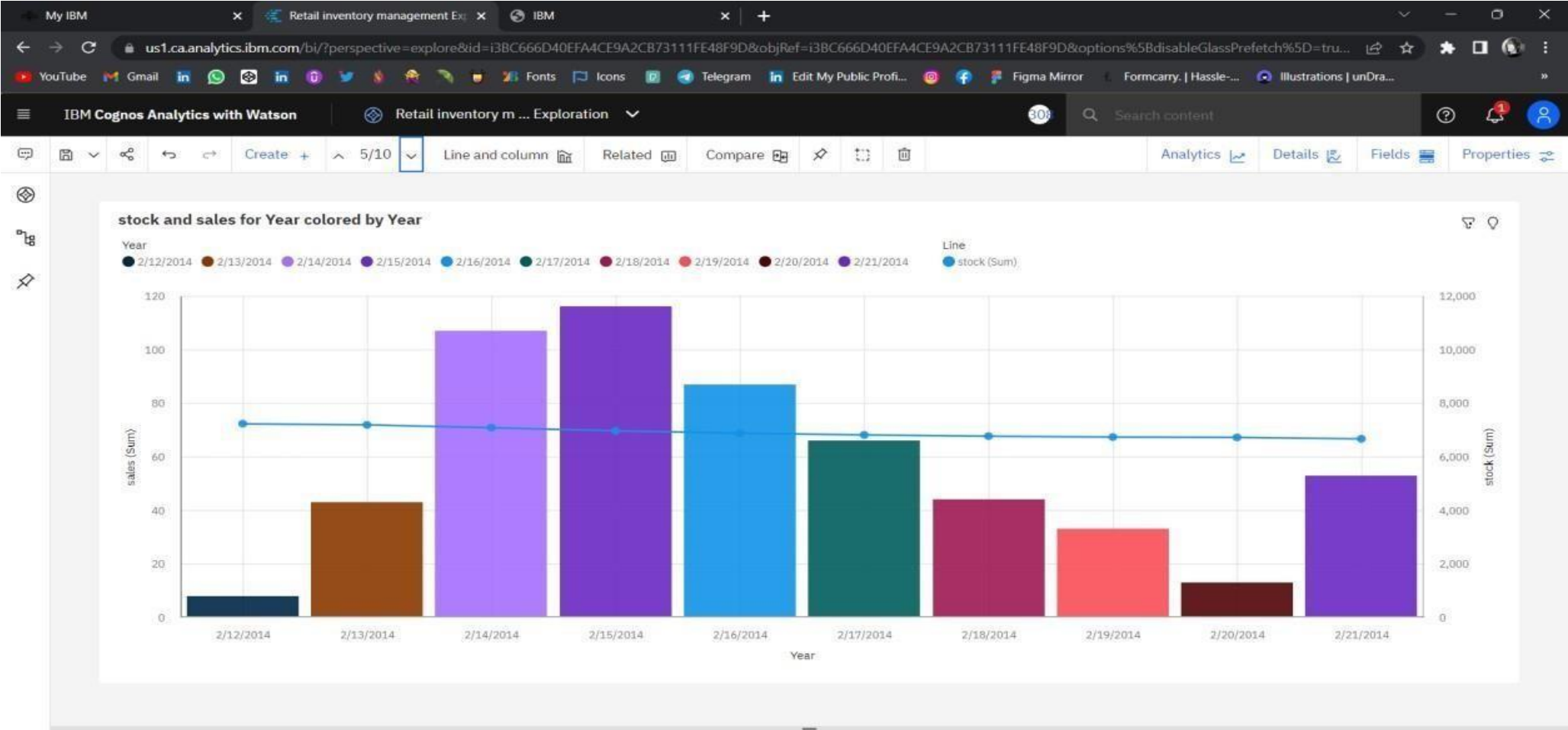


# PRICE FOR YEAR COLORED BY YEAR:

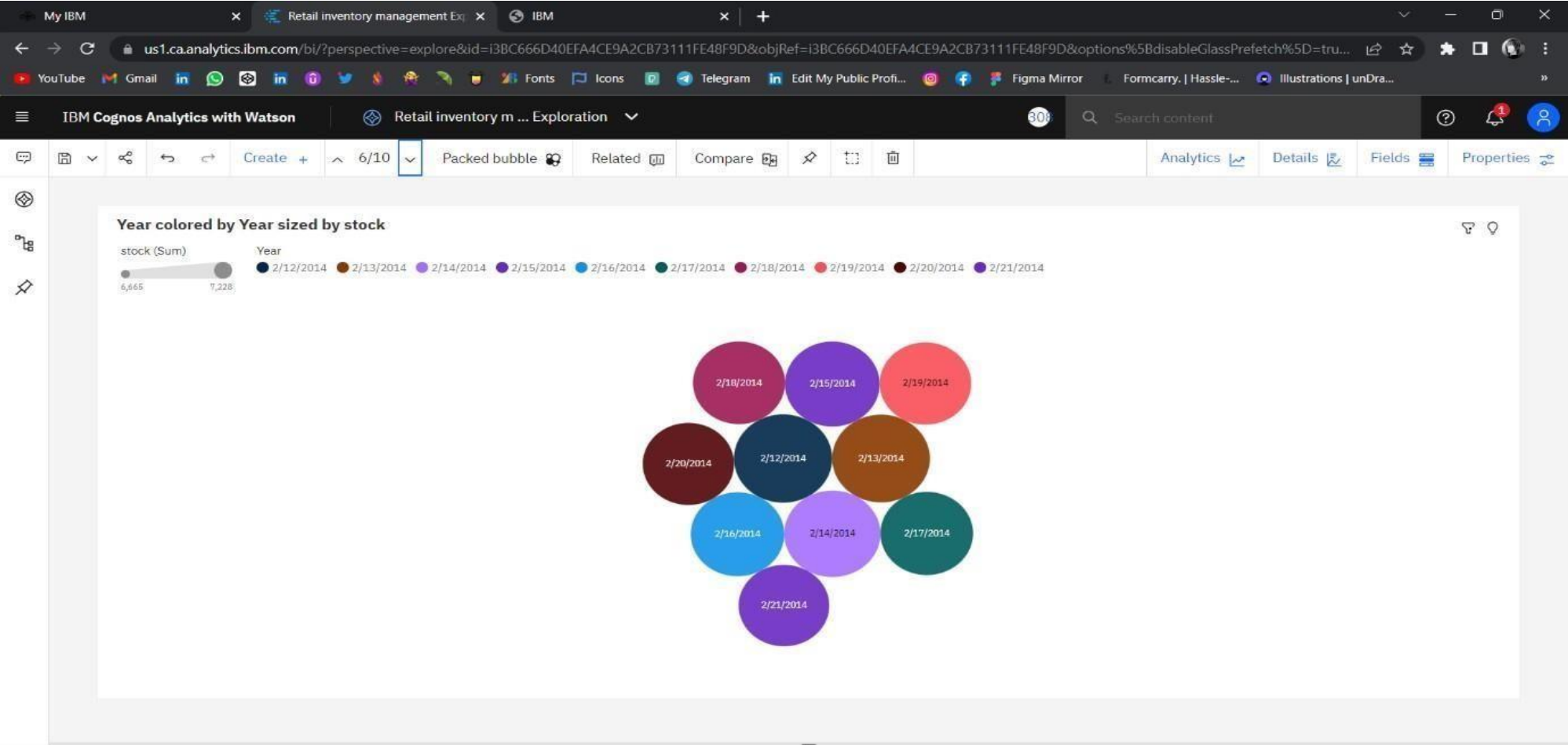




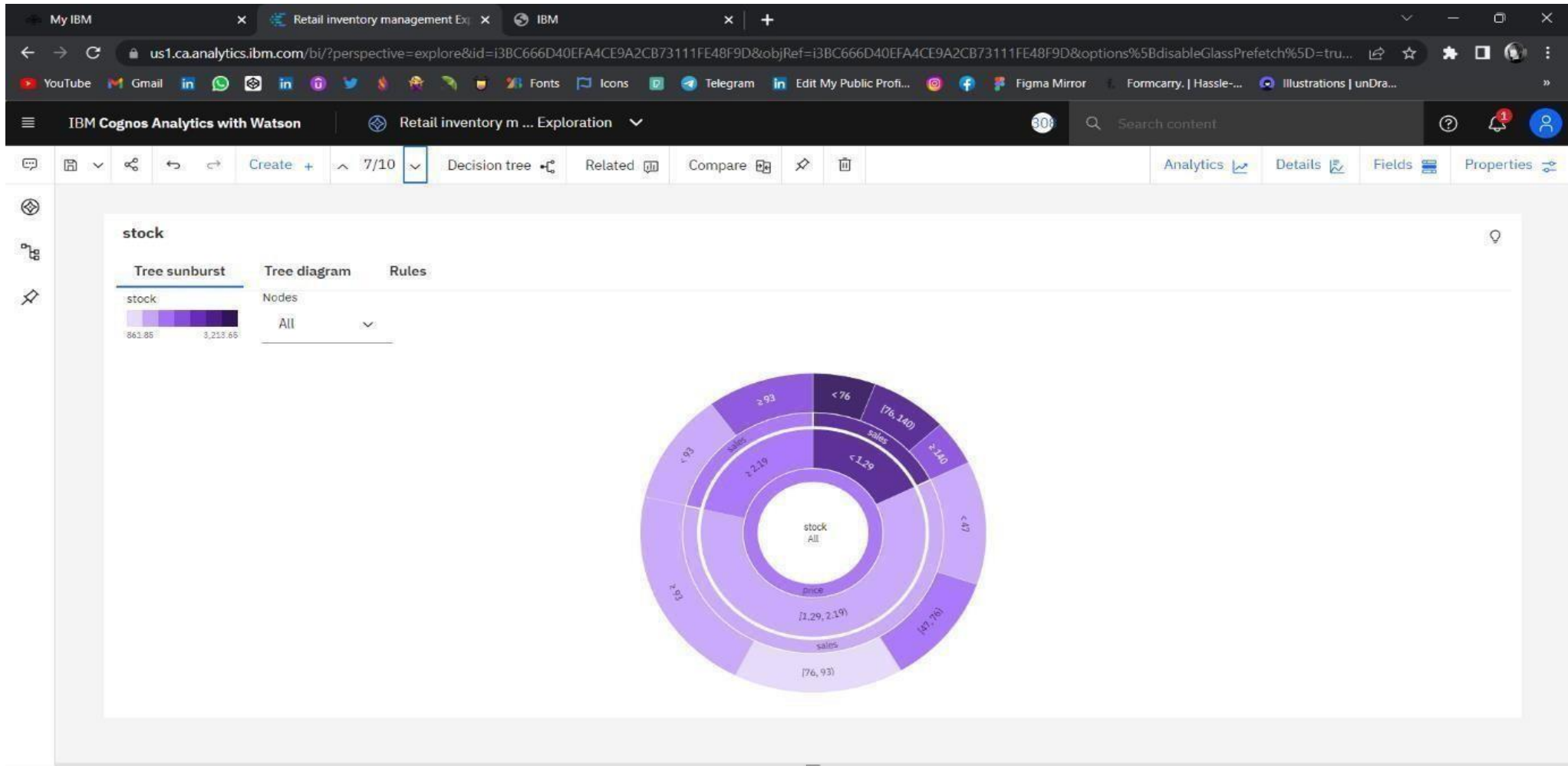
# STOCK AND SALES FOR YEAR COLORED BY YEAR:



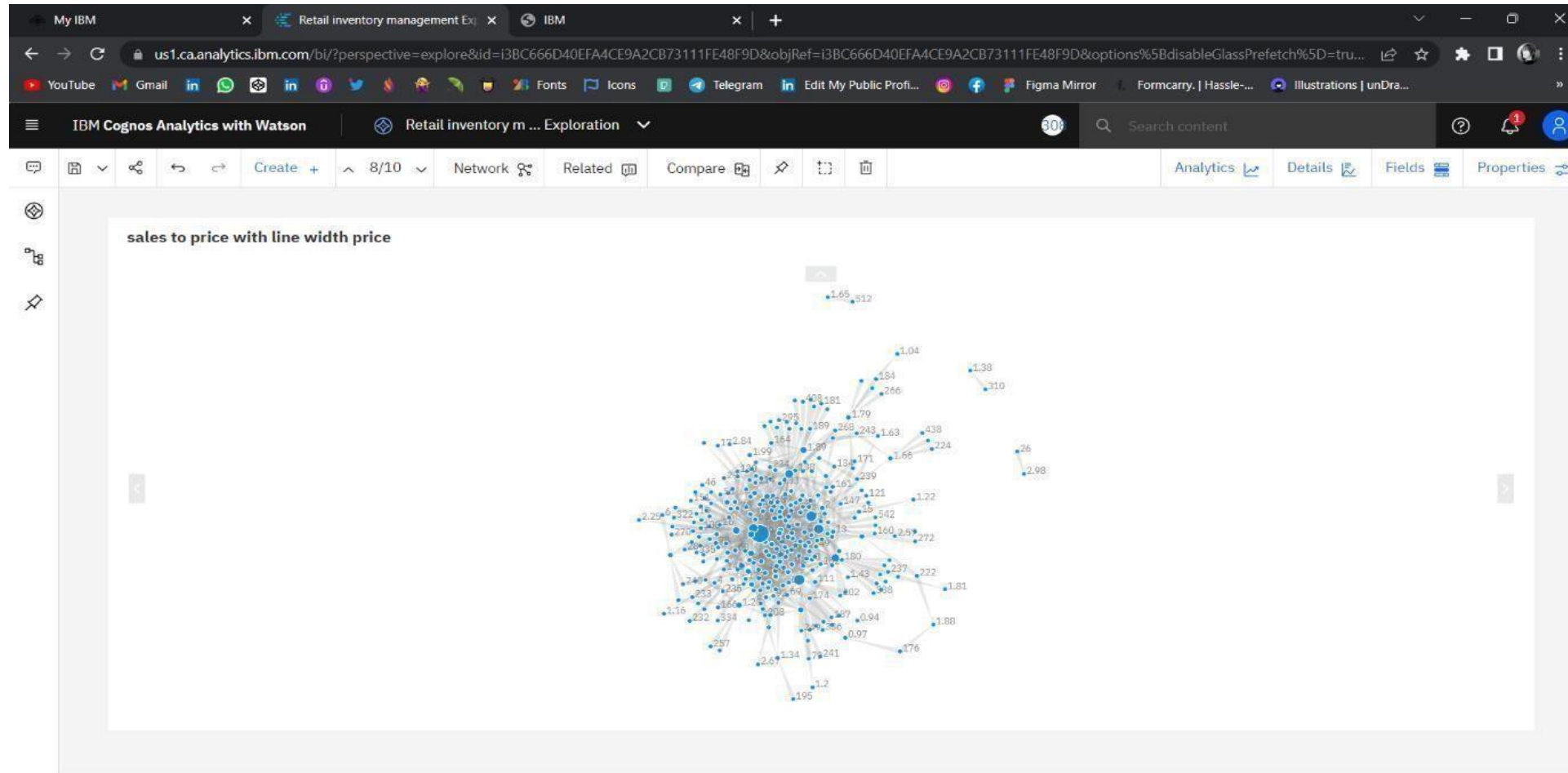
# YEAR COLORED BY YEAR SIZED BY STOCK:



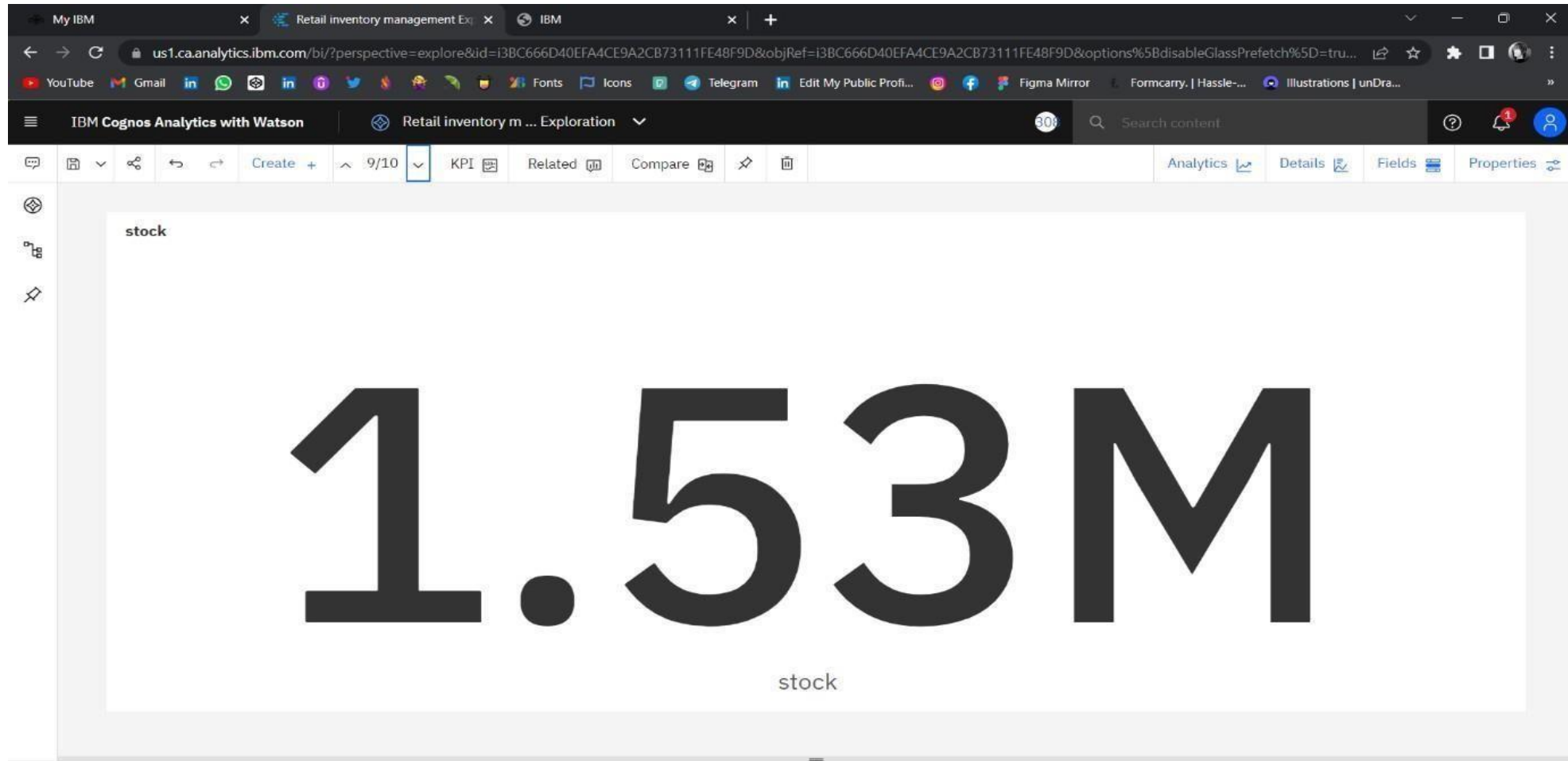
## STOCK TREE SUNBURST:



## SALES TO PRICE WITH LINE WIDTH PRICE:



# STOCK USERS:





# YEAR SIZED BY SALES:

