

# PROJECT DEVELOPMENT PHASE

## DELIVERY OF SPRINT-2

Team ID	PNT2022TMID32070
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. The browser 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. Hide Details". Below the notification, there are tabs for "My content", "Team content", and "Samples". The "My content" tab is selected. The main 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 includes "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 includes "Olympic Events.xlsx", "Olympic Medals.xlsx", "Pharma\_Monthly\_Sales.csv", and "pharmacy data". Each file entry has a "CSV" button and an upward arrow icon. The bottom of the screen shows a Windows taskbar with various application icons and a system tray indicating the date and time as 10:36 AM on 10/31/2022.

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  
Last Accessed 9/18/2022, 11:49 PM CSV ↑

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

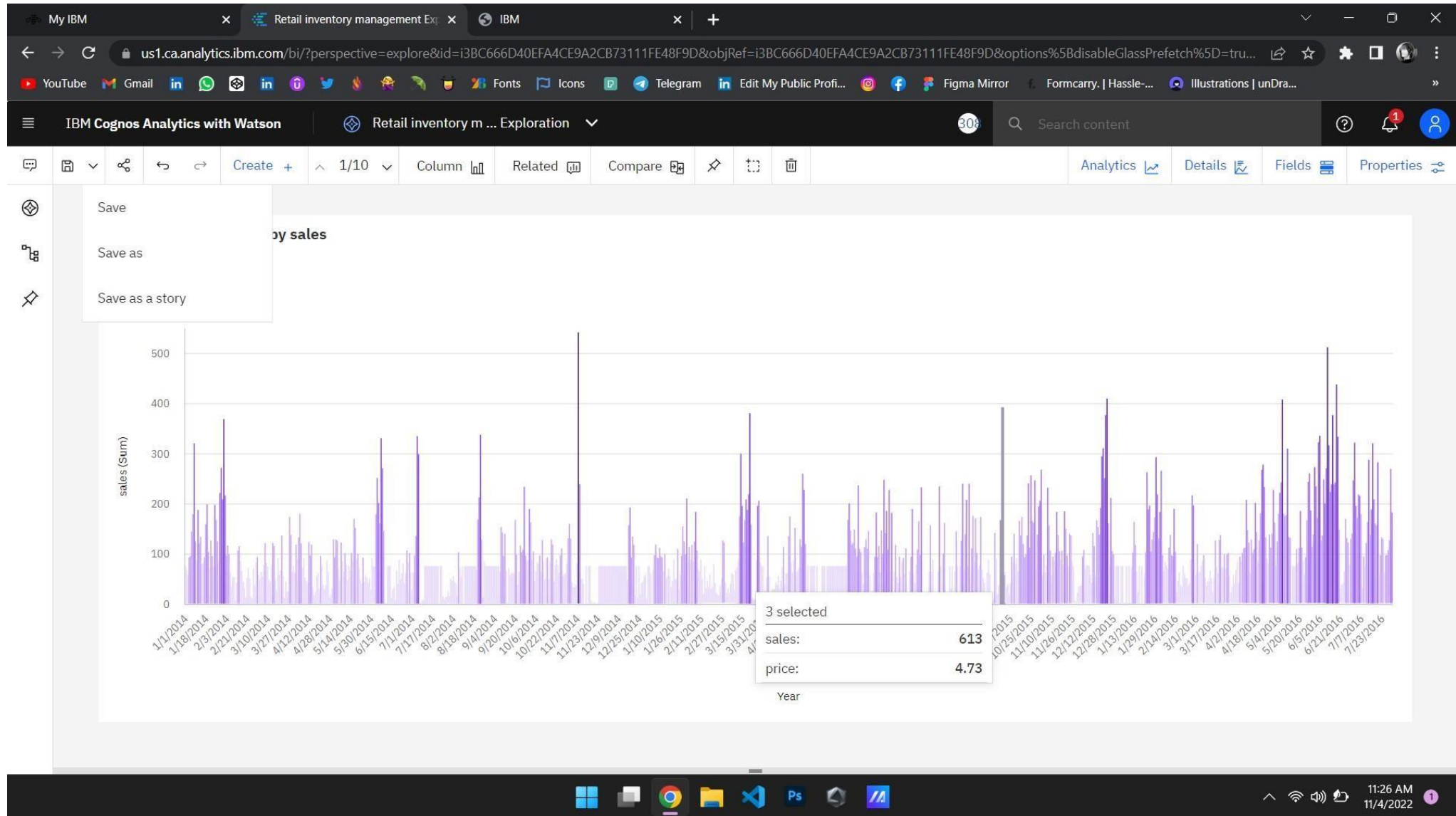
Olympic Medals.xlsx

Pharma\_Monthly\_Sales.csv

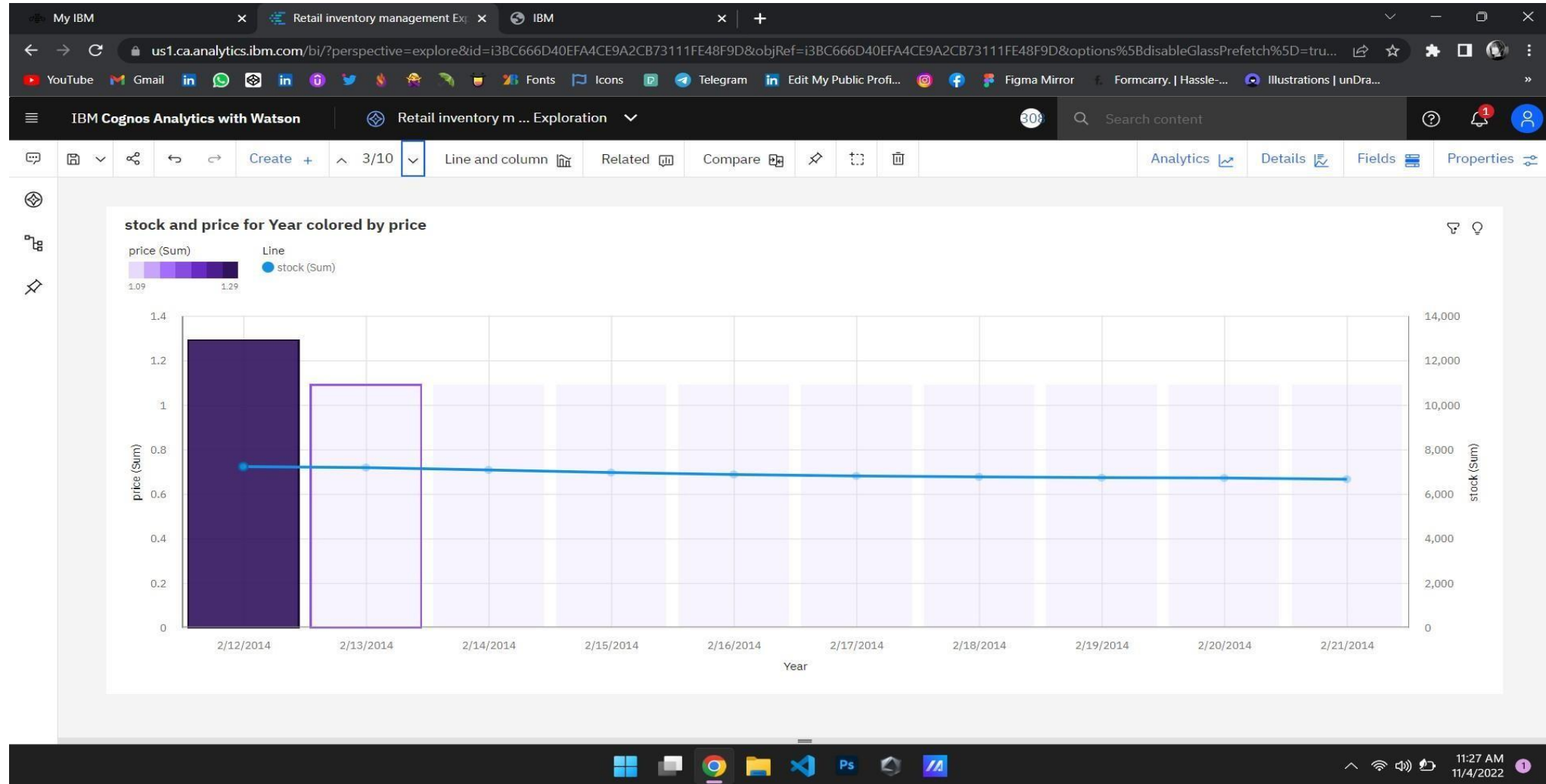
pharmacy data

80°F Rain coming ENG US 10:36 AM 10/31/2022

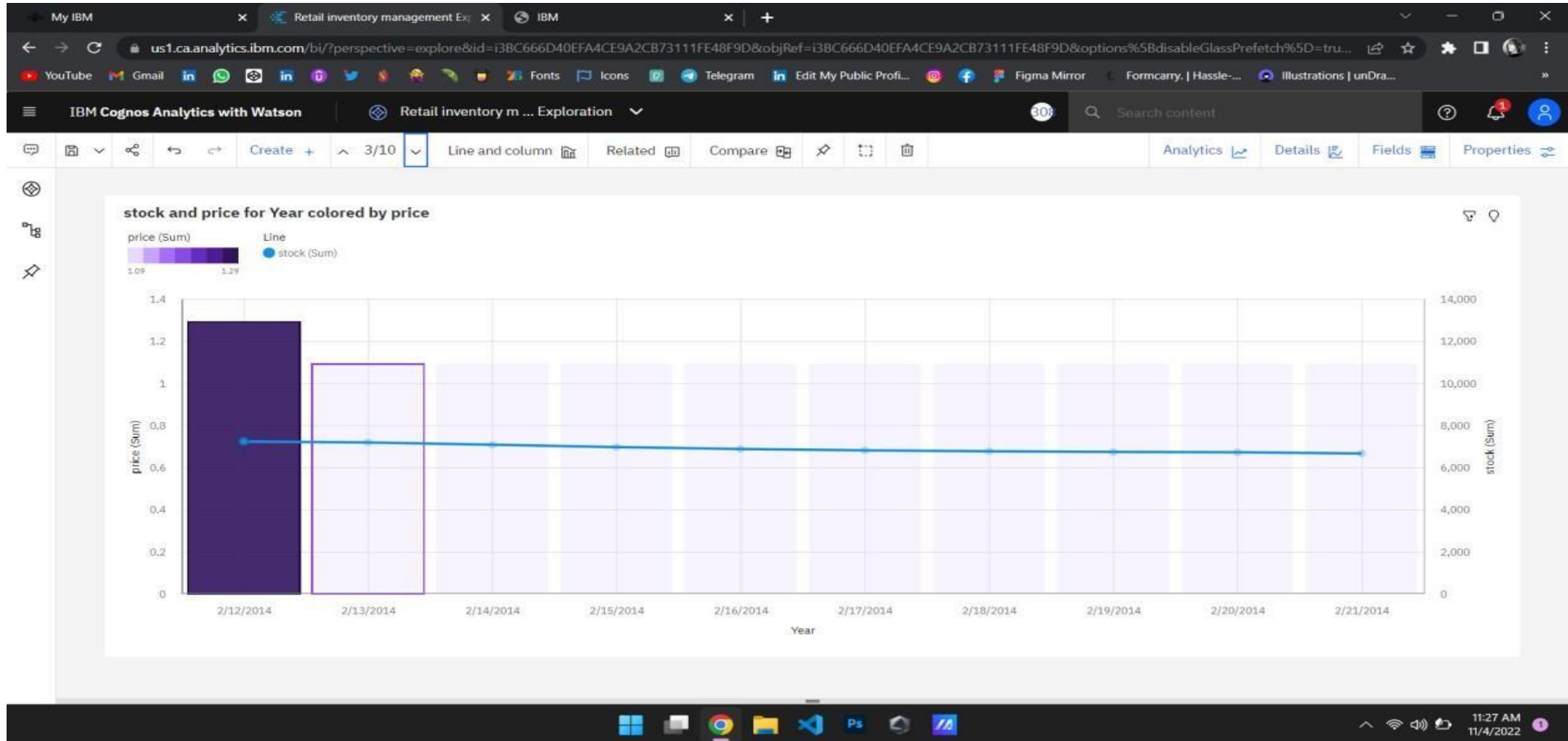
## SALES ANALYSIS:



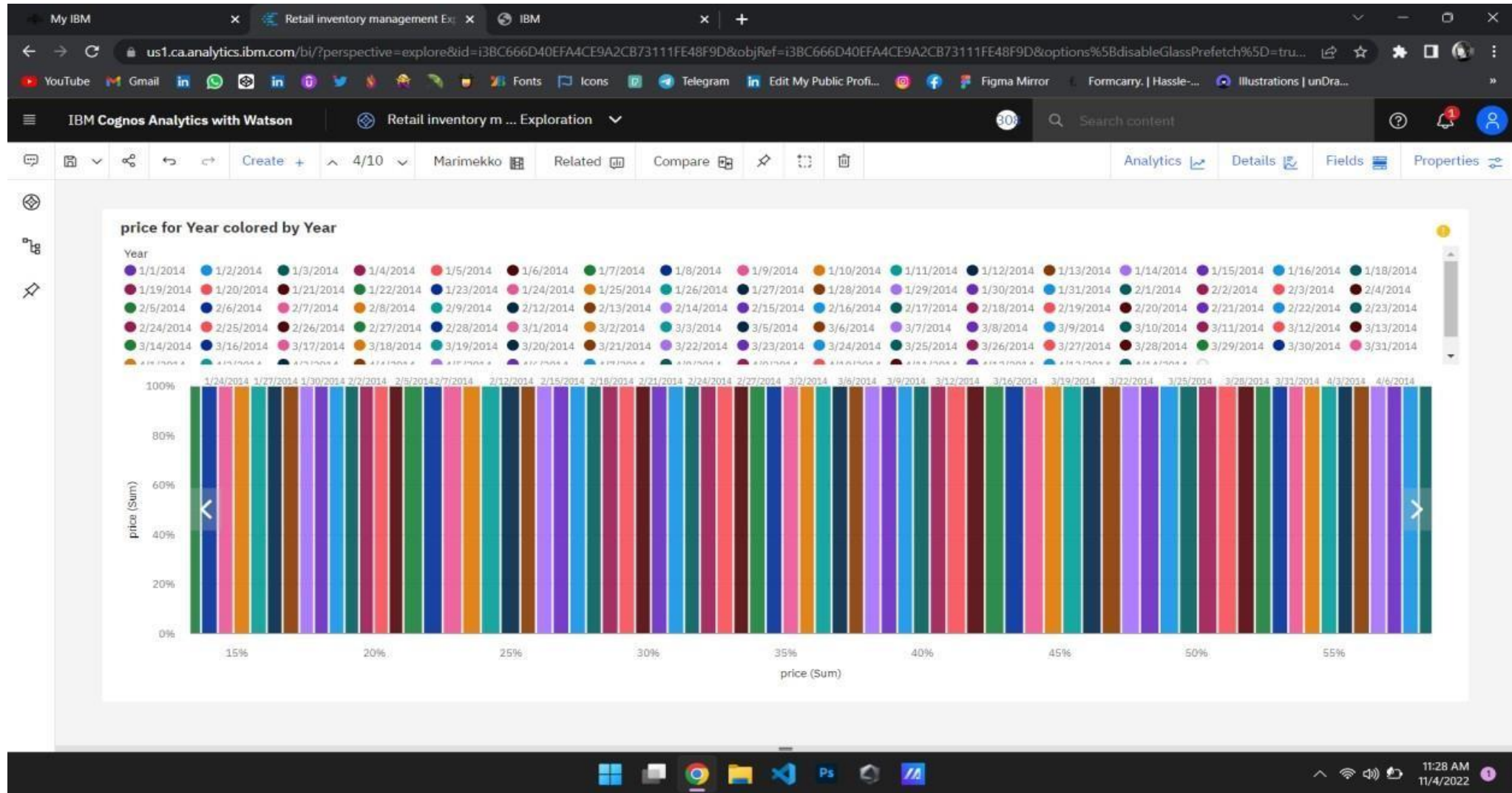
# PRICE ANALYSIS:



# STOCK AND PRICE FOR YEAR COLORED BY PRICE:

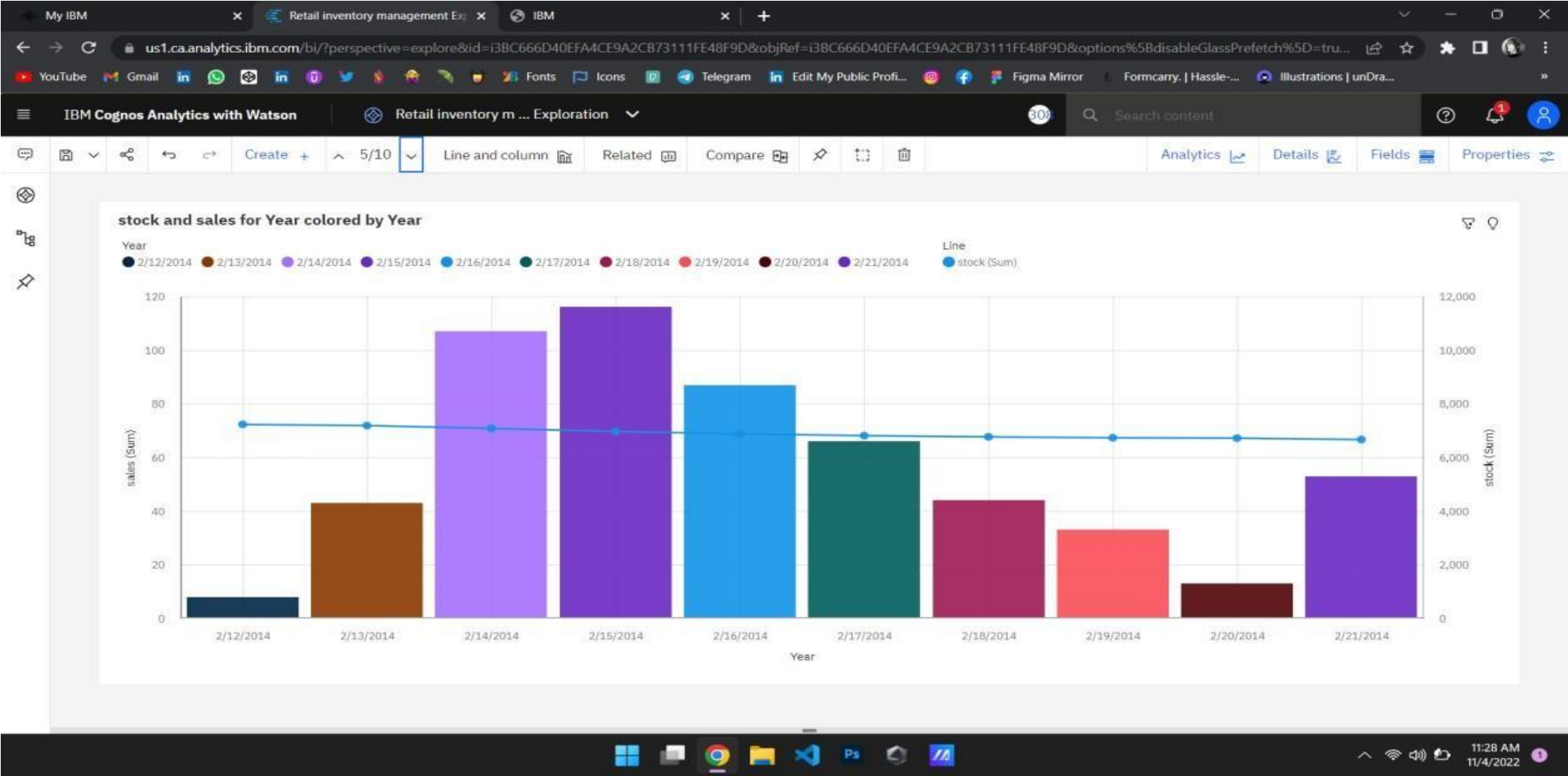


# PRICE FOR YEAR COLORED BY YEAR:

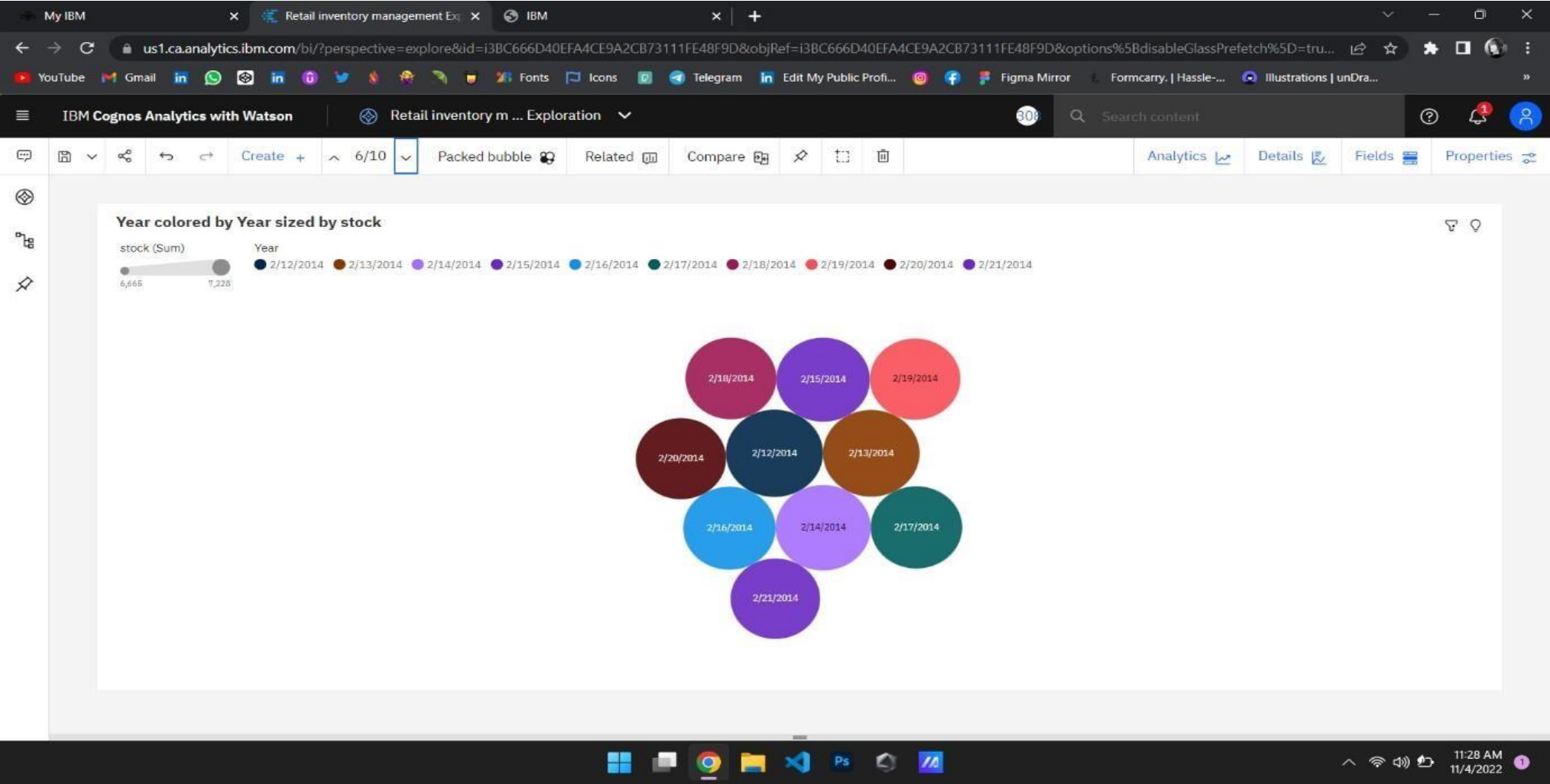




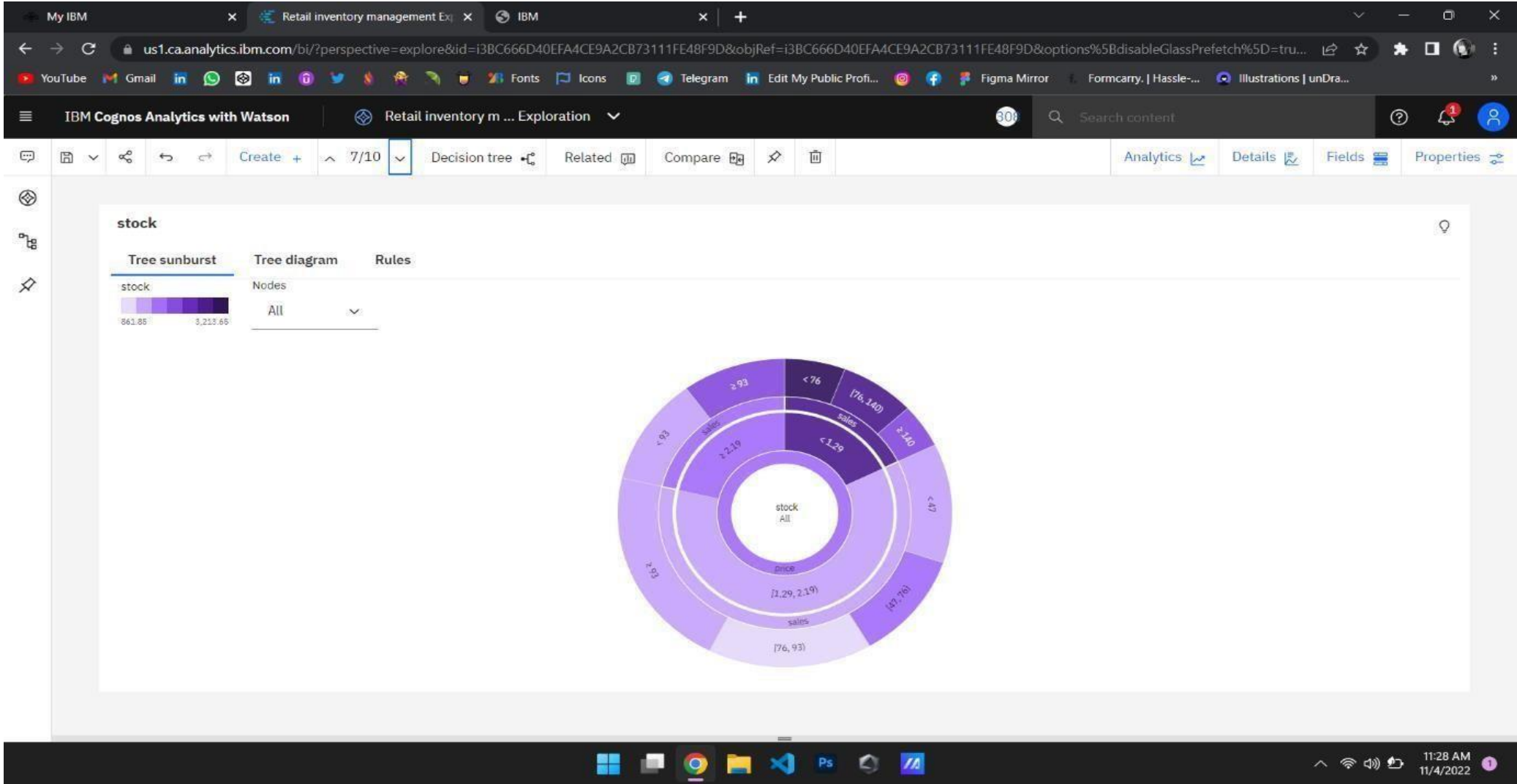
# STOCK AND SALES FOR YEAR COLORED BY YEAR:



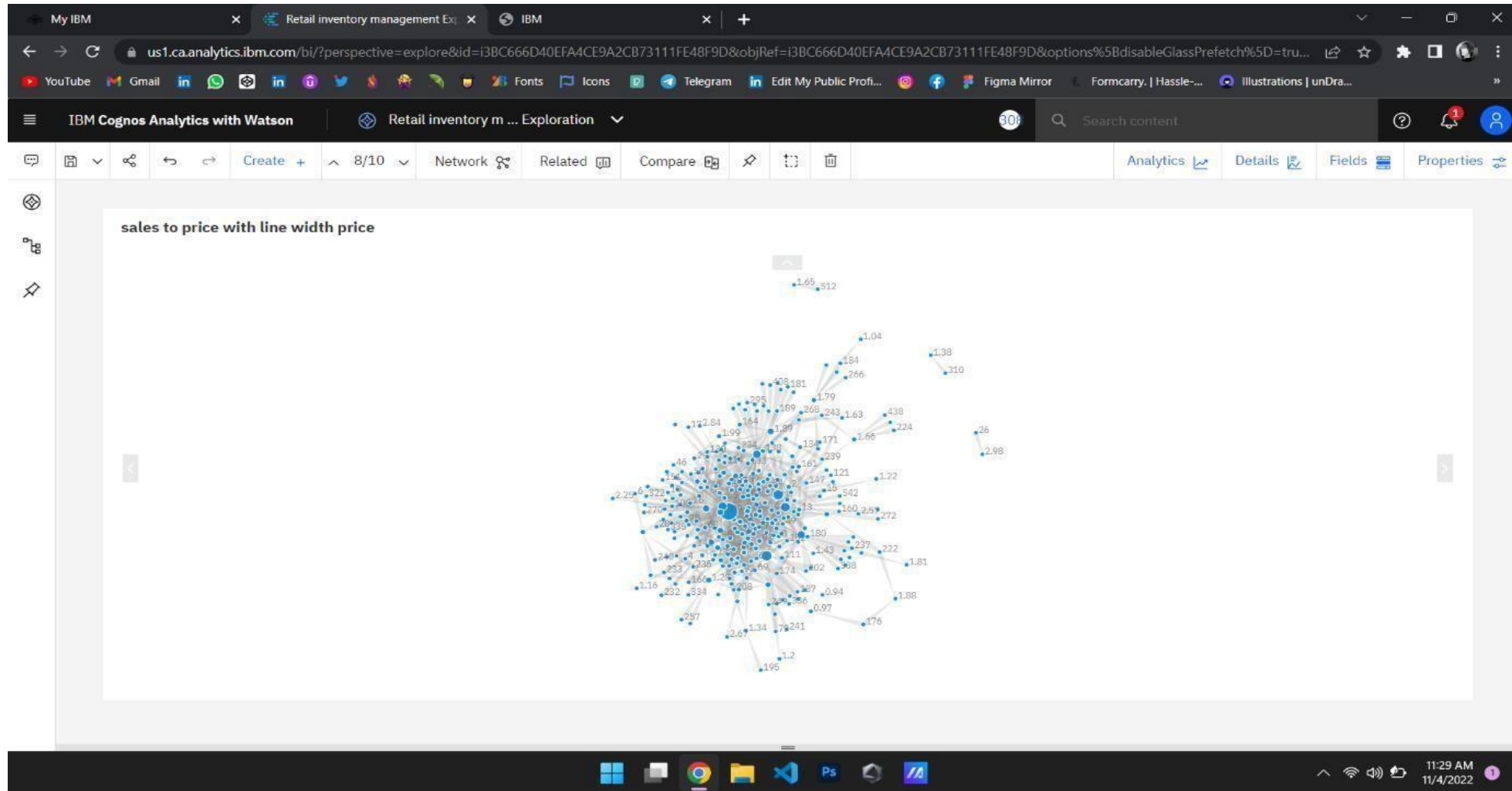
# YEAR COLORED BY YEAR SIZED BY STOCK:



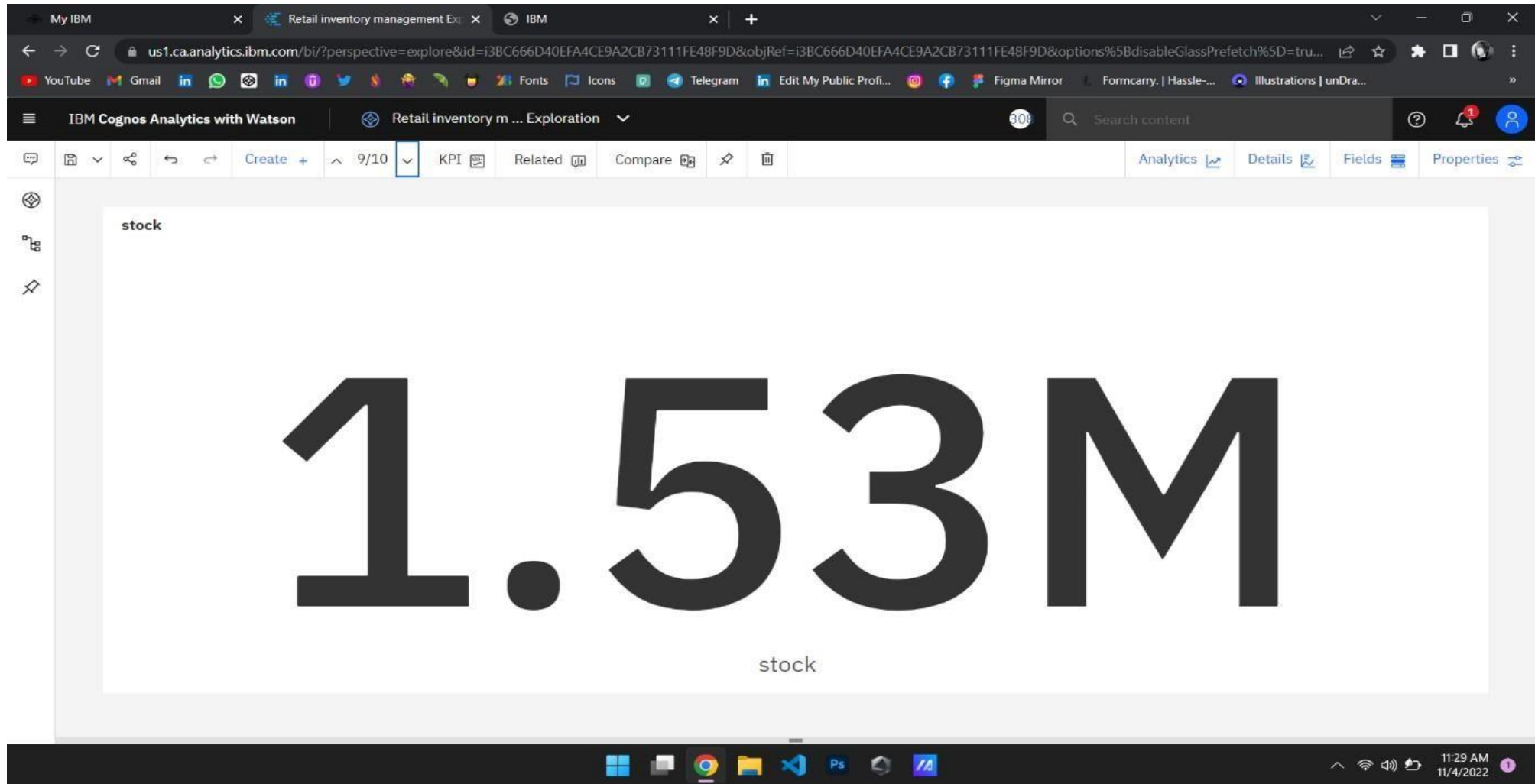
## STOCK TREE SUNBURST:



# SALES TO PRICE WITH LINE WIDTH PRICE:

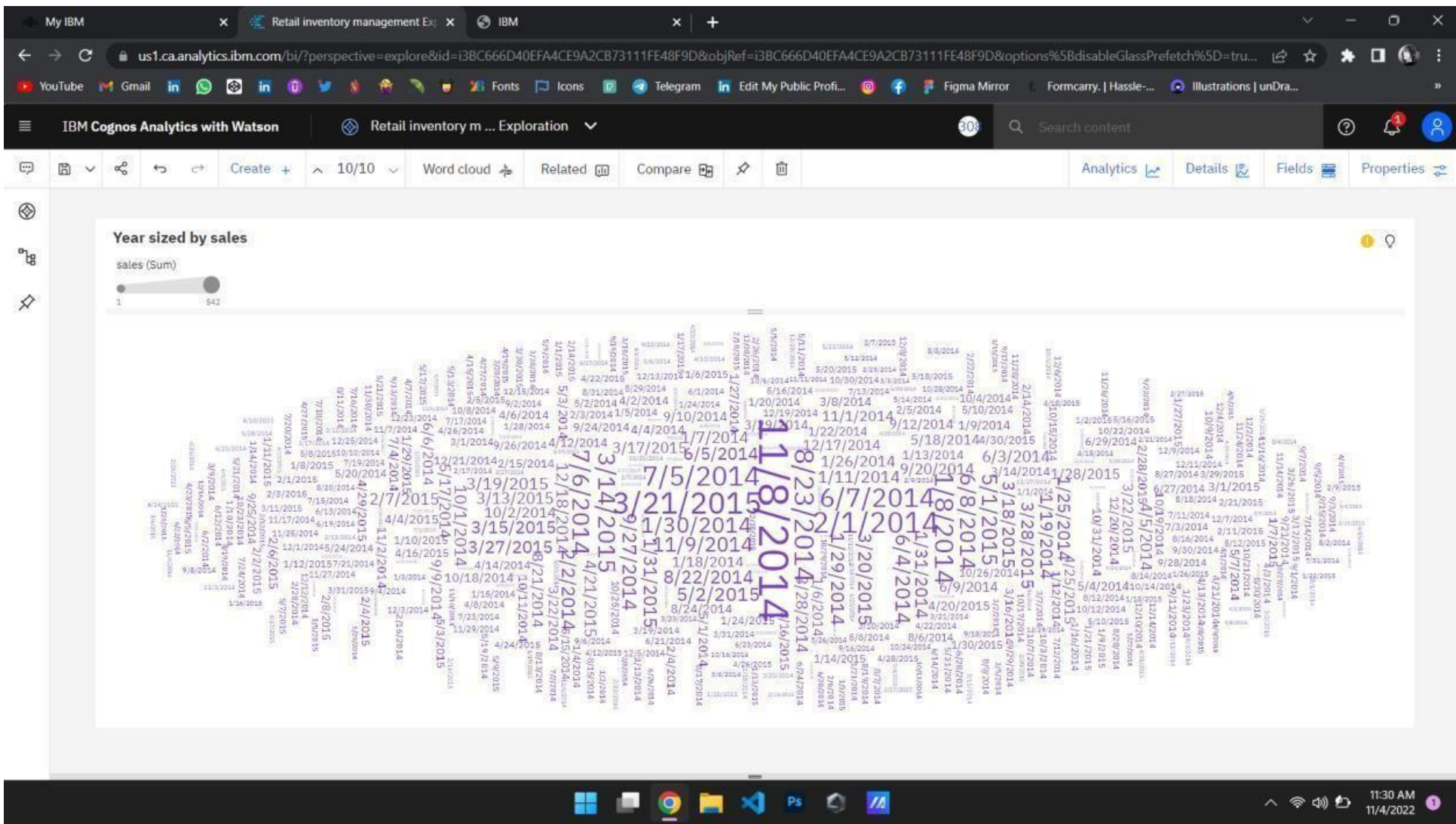


# STOCK USERS:





## YEAR SIZED BY SALES:



## **PREPARED DATA LINK :**

**[https://us1.ca.analytics.ibm.com/bi/?perspective=explore&pathRef=.my\\_folders%2Fproject%2Bdevelopment%2Bphase%2FSprint2%2FRetail%2Binventory%2Bmanagement%2BExploration&subView=model0000018441315c64\\_00000004](https://us1.ca.analytics.ibm.com/bi/?perspective=explore&pathRef=.my_folders%2Fproject%2Bdevelopment%2Bphase%2FSprint2%2FRetail%2Binventory%2Bmanagement%2BExploration&subView=model0000018441315c64_00000004)**