

# PROJECT DEVELOPMENT PHASE

## DELIVERY OF SPRINT-2

Team ID	PNT2022TMID54263
Project Name	Retail Store Stock Inventory Analytics
Team members	Prithiv R S, Lokeshwaran k, Maharaja AbishekA, Mahammad Mubharak M

**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.
- ✓ PRICE BY YEAR.
- ✓ 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 'Content' page. The browser address bar shows the URL: `us1.ca.analytics.ibm.com/bi/?perspective=content&tab=myContent&folder=i6B2ECC03DE384F2BBE13E94B27C40FC7`. A green notification banner at the top states: **mock\_kaggle.csv was uploaded successfully.** with a [Hide Details](#) link. The page is titled 'Content' and has tabs for 'My content', 'Team content', and 'Samples'. The 'My content' tab is active, showing a grid of data modules. The grid includes a 'Data module' (last accessed 9/25/2022, 12:24 AM), a 'Sprint-1' folder (last accessed 10/30/2022, 11:59 PM), and several CSV files: '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'. Each CSV file has a teal 'CSV' label and an upward arrow icon. The bottom of the screen shows a Windows taskbar with the date and time: 10:36 AM, 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

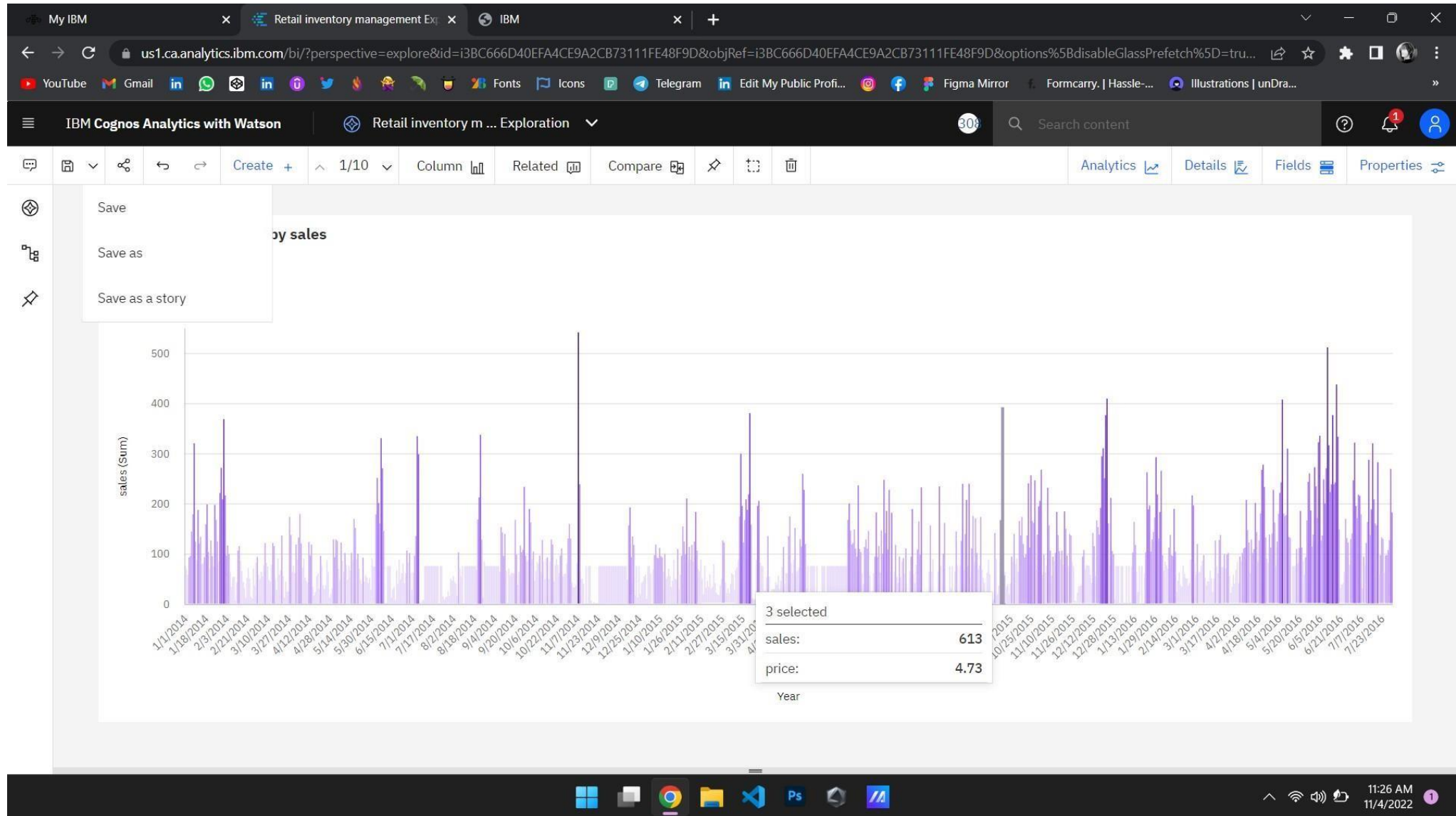
Olympic Medals.xlsx

Pharma\_Monthly\_Sales.csv

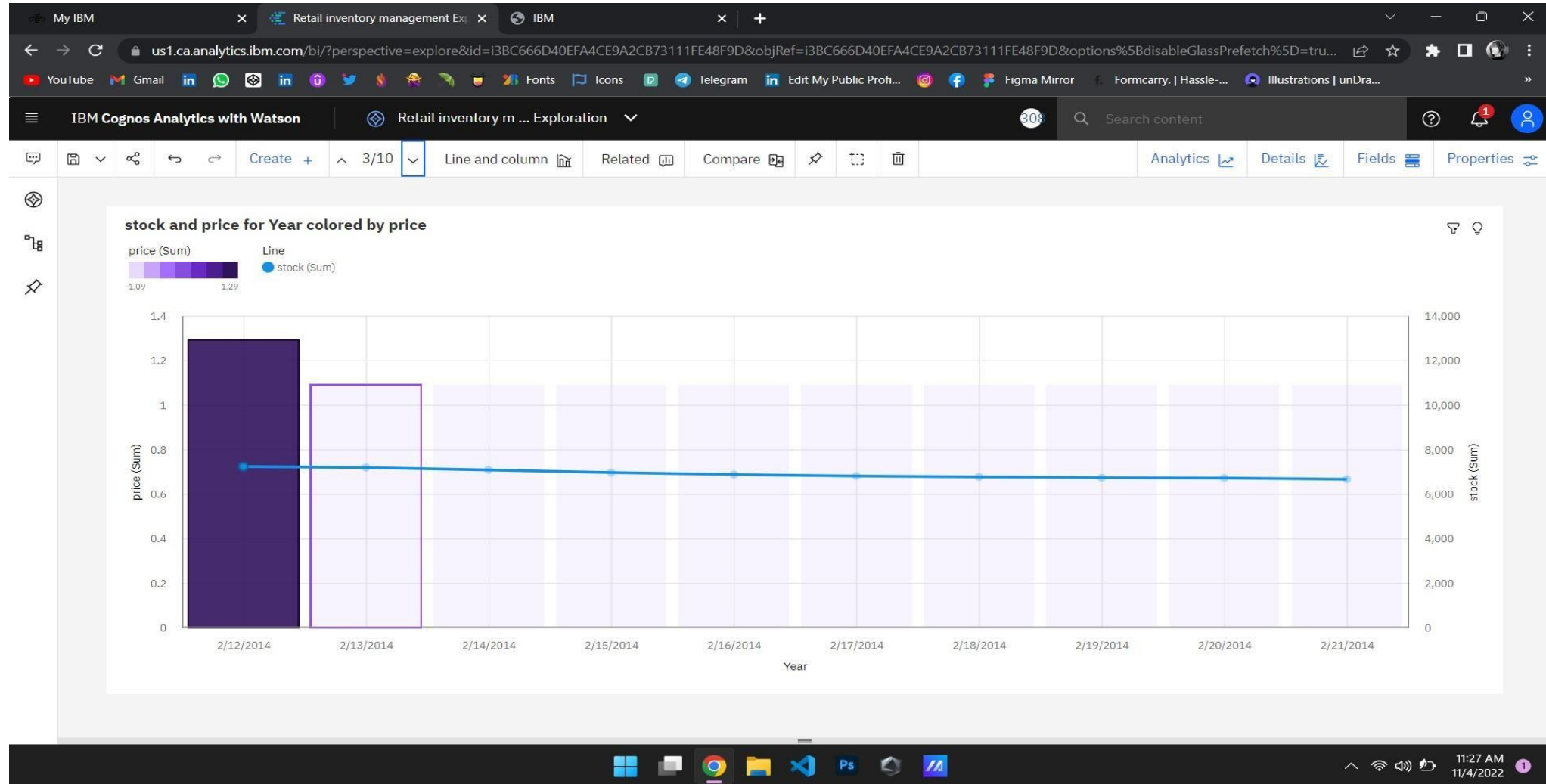
pharmacy data

80°F Rain coming 10:36 AM 10/31/2022

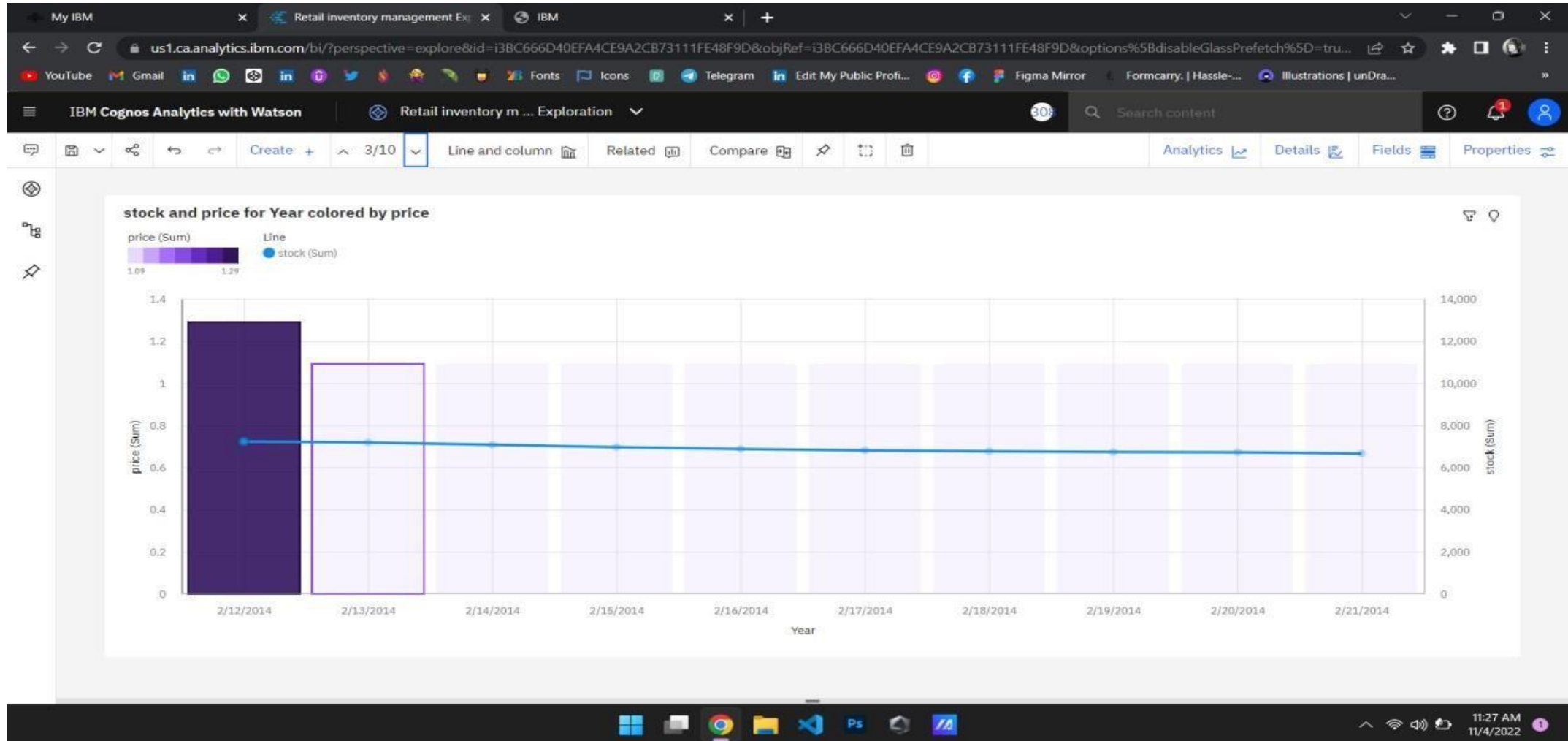
## SALES ANALYSIS:



# PRICE ANALYSIS:

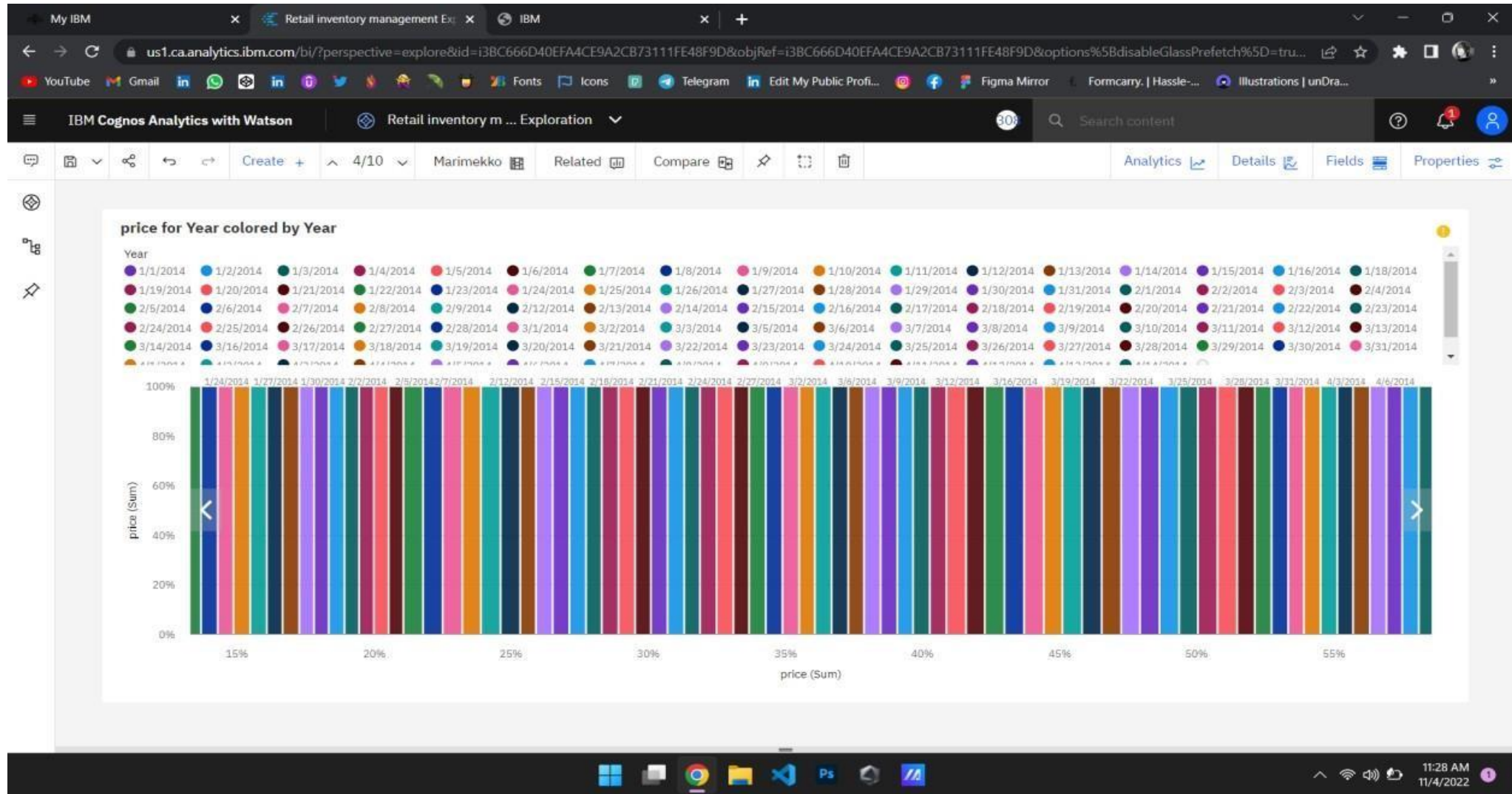


# STOCK AND PRICE FOR YEAR COLORED BY PRICE:

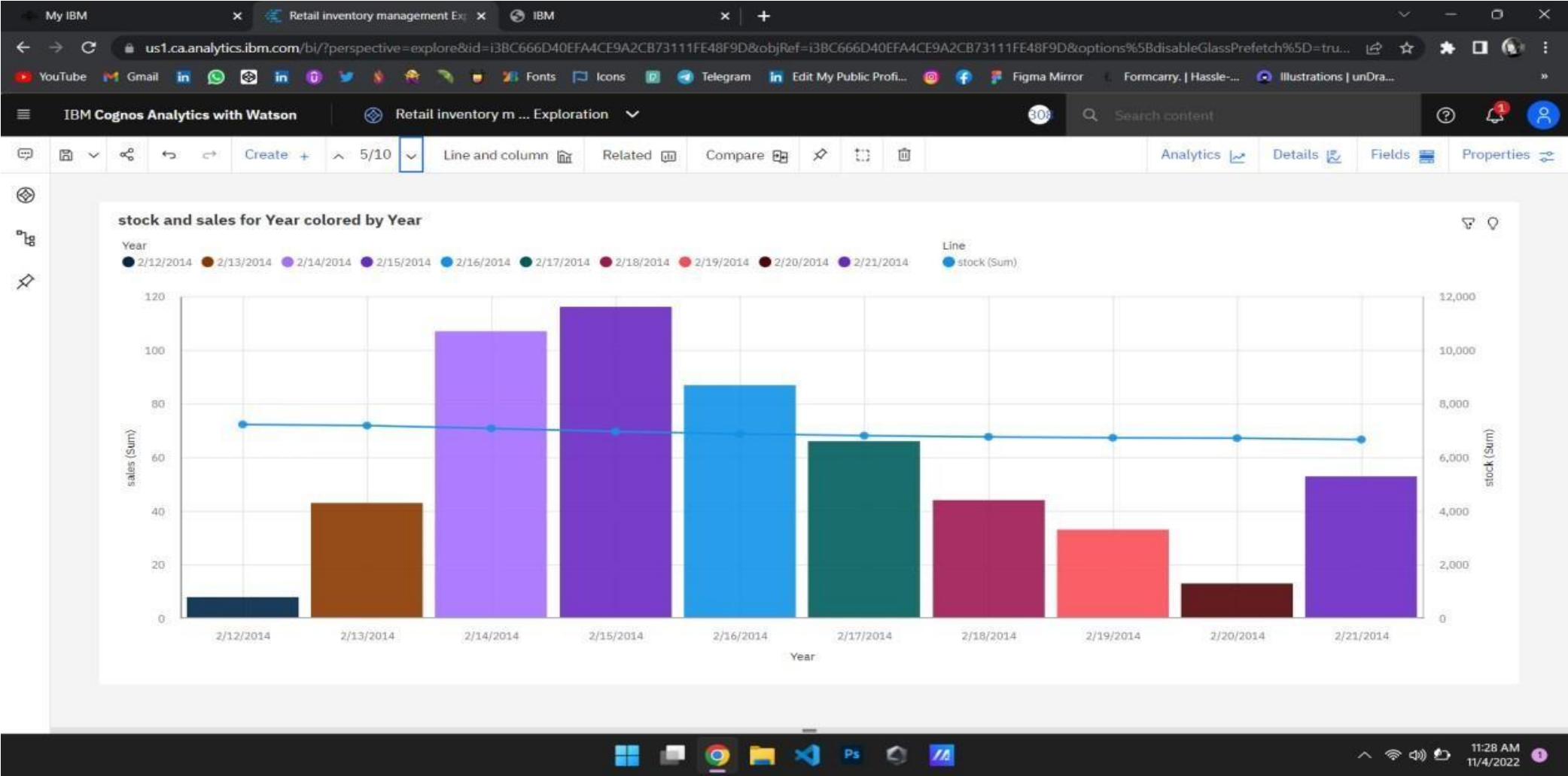




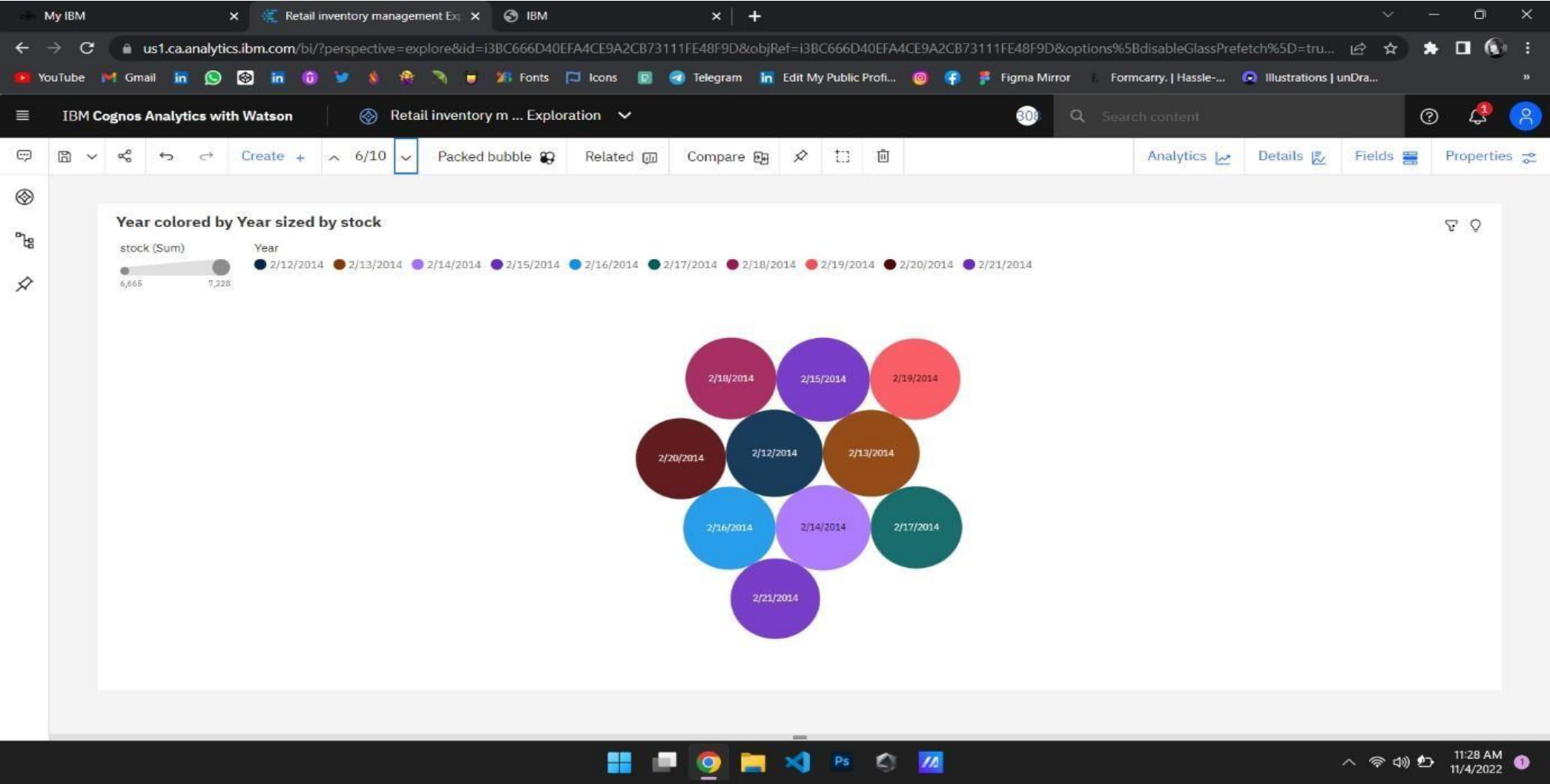
# PRICE FOR YEAR COLORED BY YEAR:



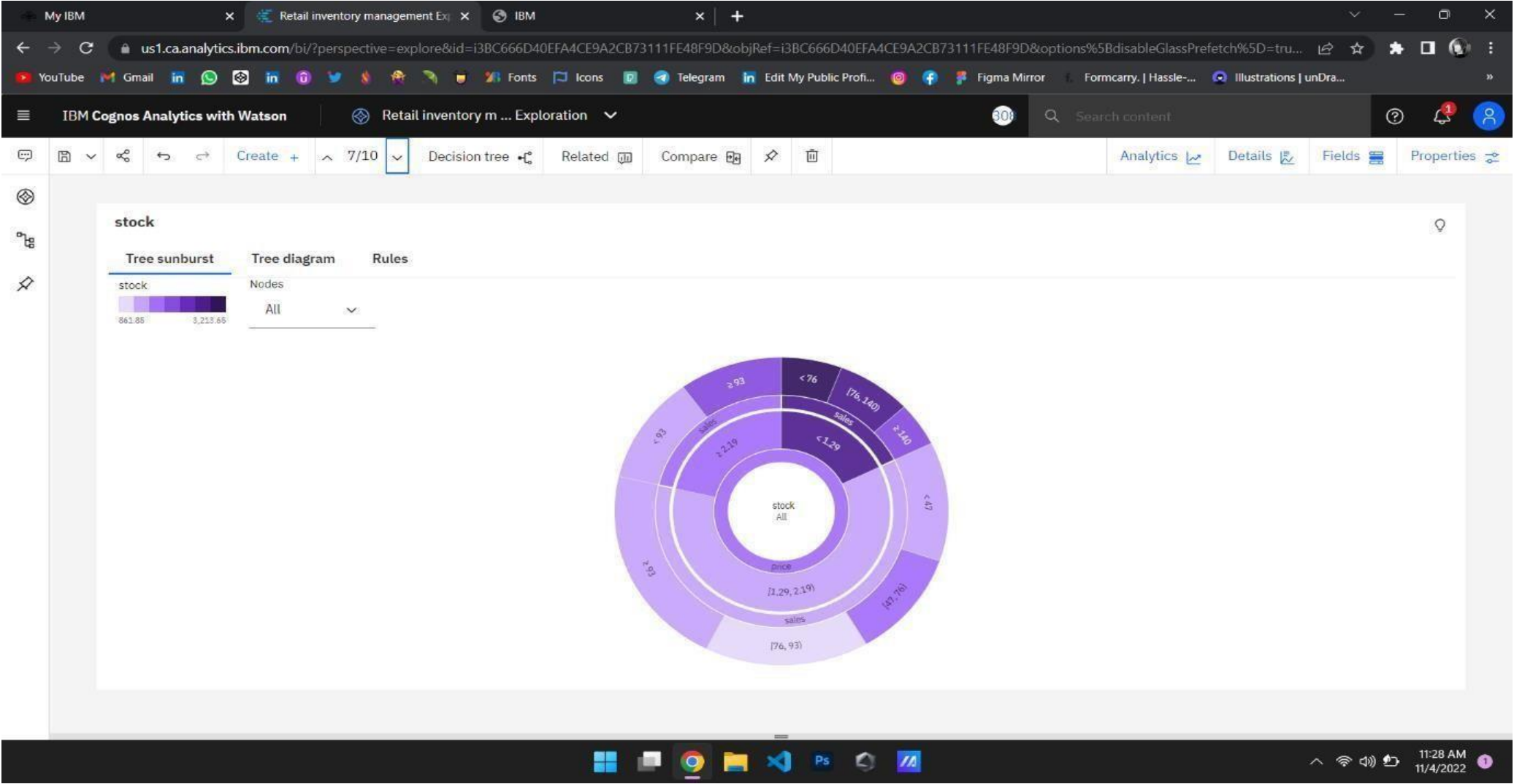
# STOCK AND SALES FOR YEAR COLORED BY YEAR:



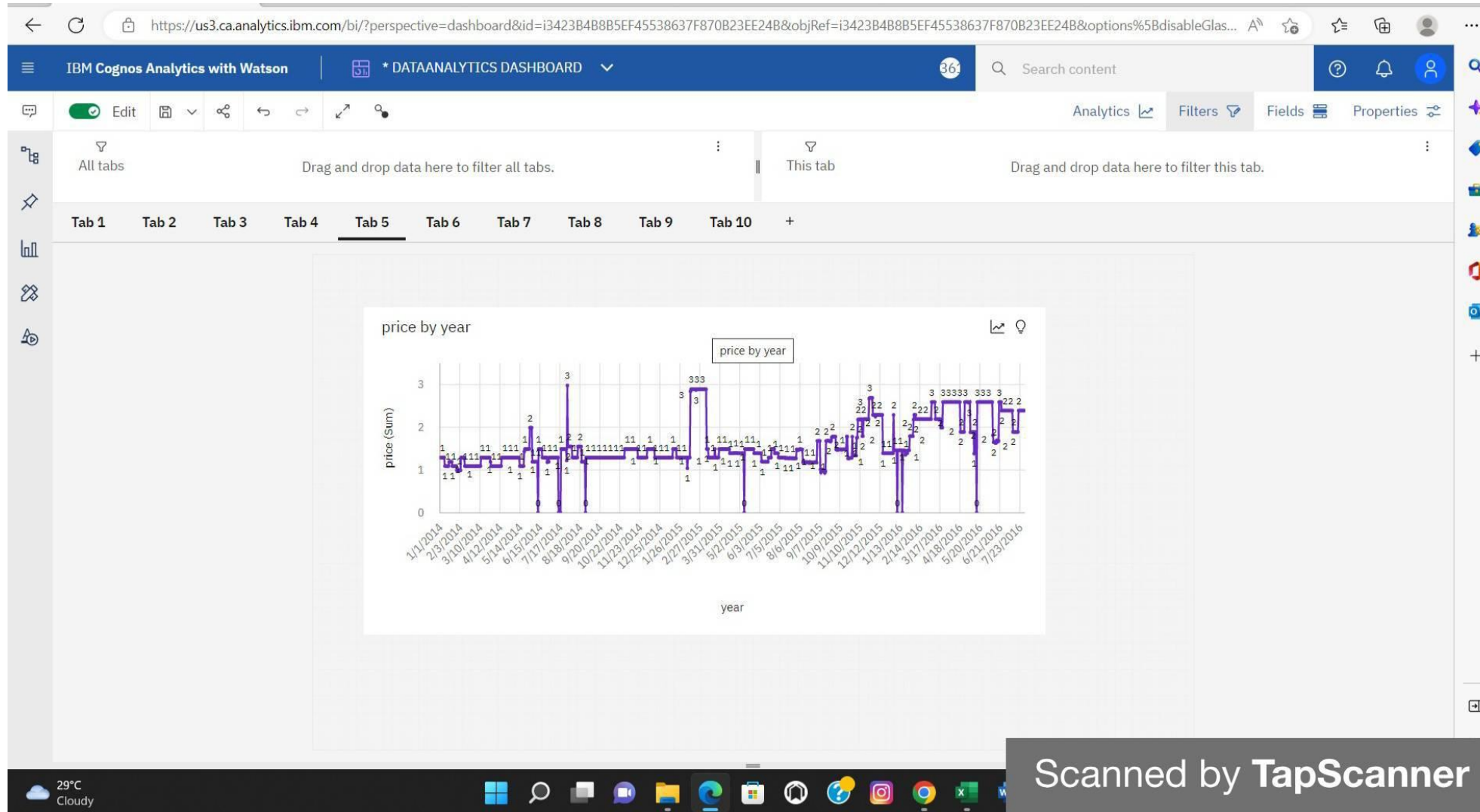
# YEAR COLORED BY YEAR SIZED BY STOCK:



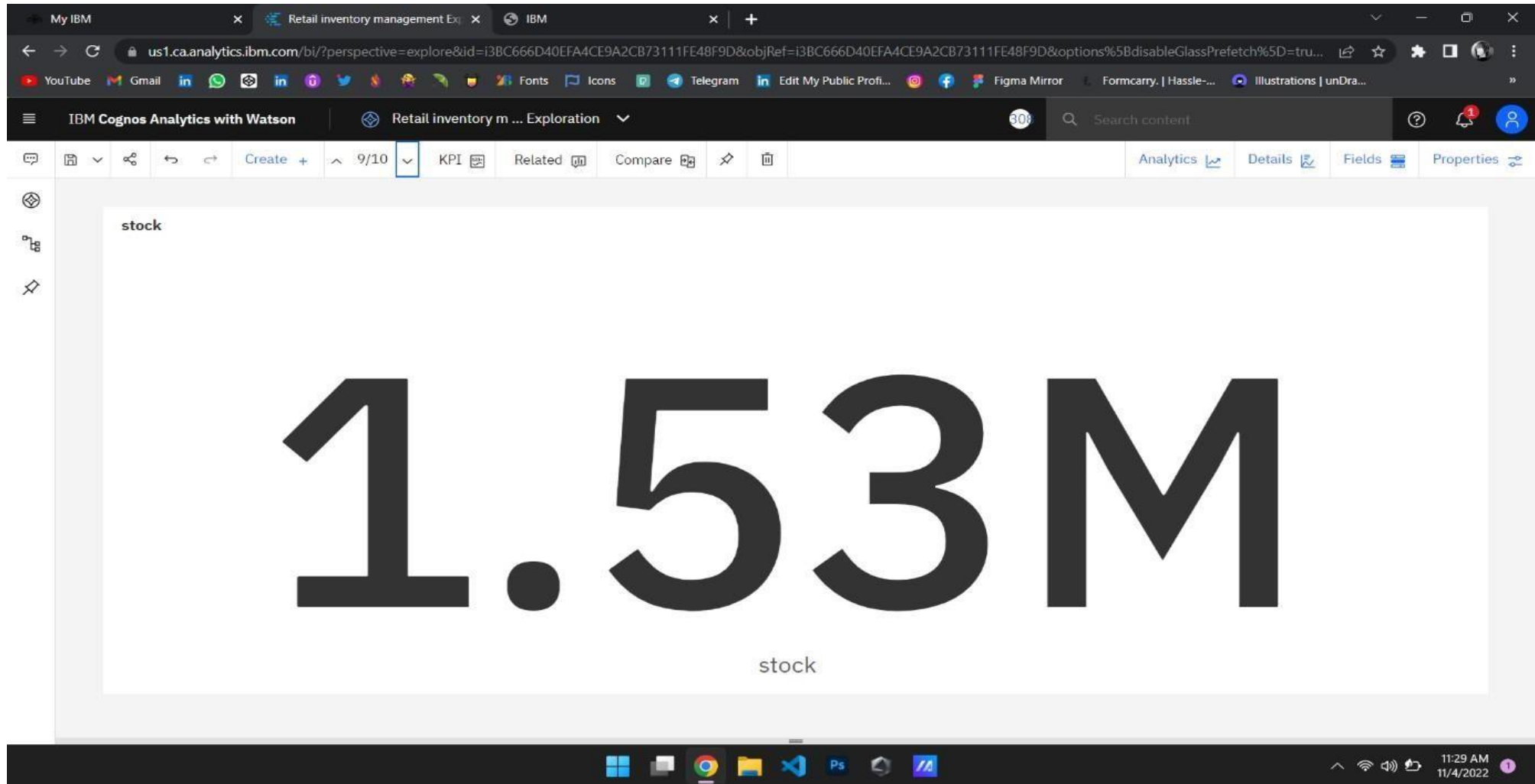
# STOCK TREE SUNBURST:



# PRICE BY YEAR

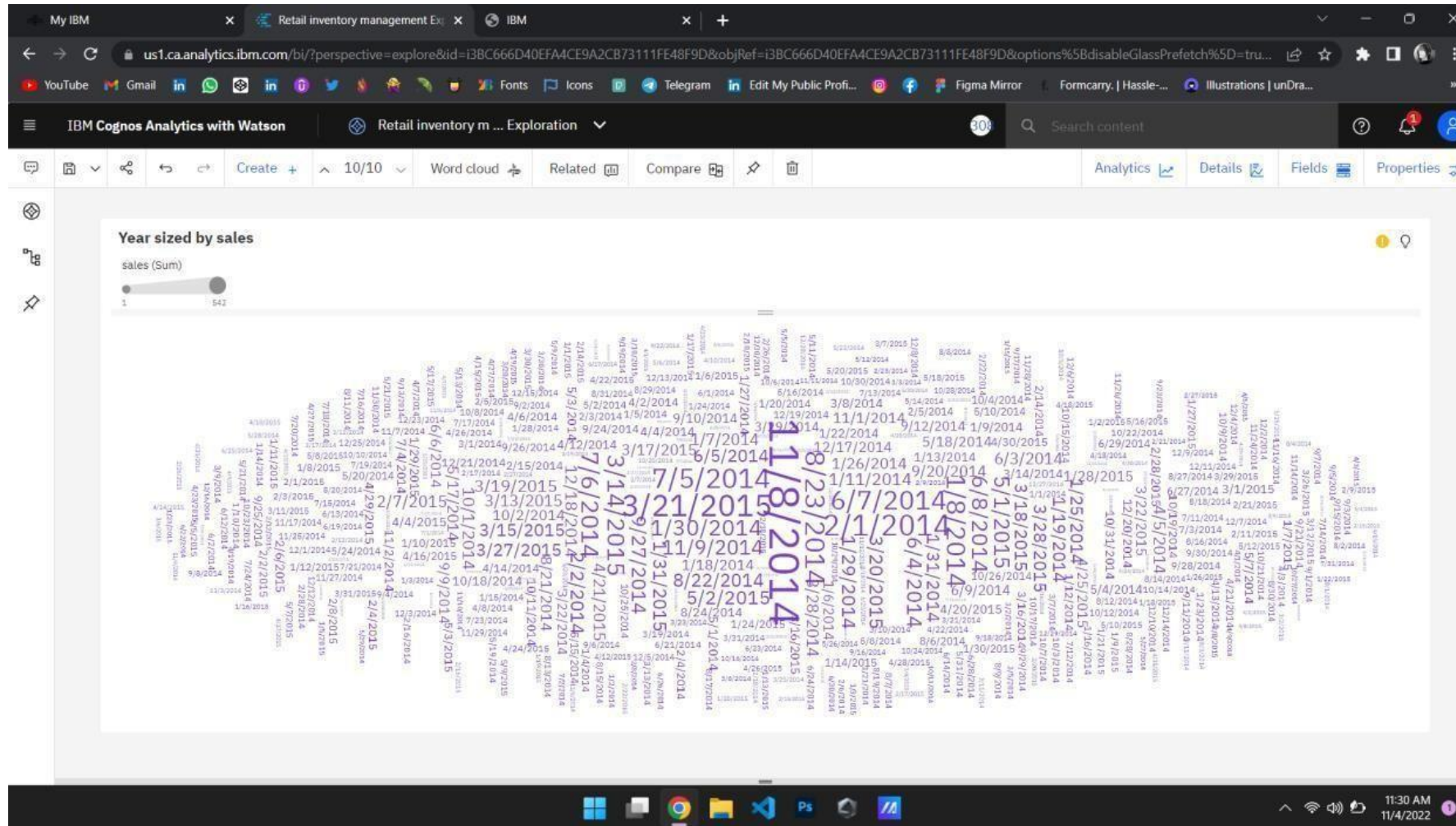


# STOCK USERS:





# YEAR SIZED BY SALES:



**PREPARED DATASET OR CLEANED DATASET LINK:**

**[https://us3.ca.analytics.ibm.com/bi/?perspective=ca-modeller&pathRef=.my\\_folders%2Finventory%2Bmanagement](https://us3.ca.analytics.ibm.com/bi/?perspective=ca-modeller&pathRef=.my_folders%2Finventory%2Bmanagement)**