

# PROJECT DEVELOPMENT PHASE

## DELIVERY OF SPRINT-2

Team ID	PNT2022TMID32388
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)

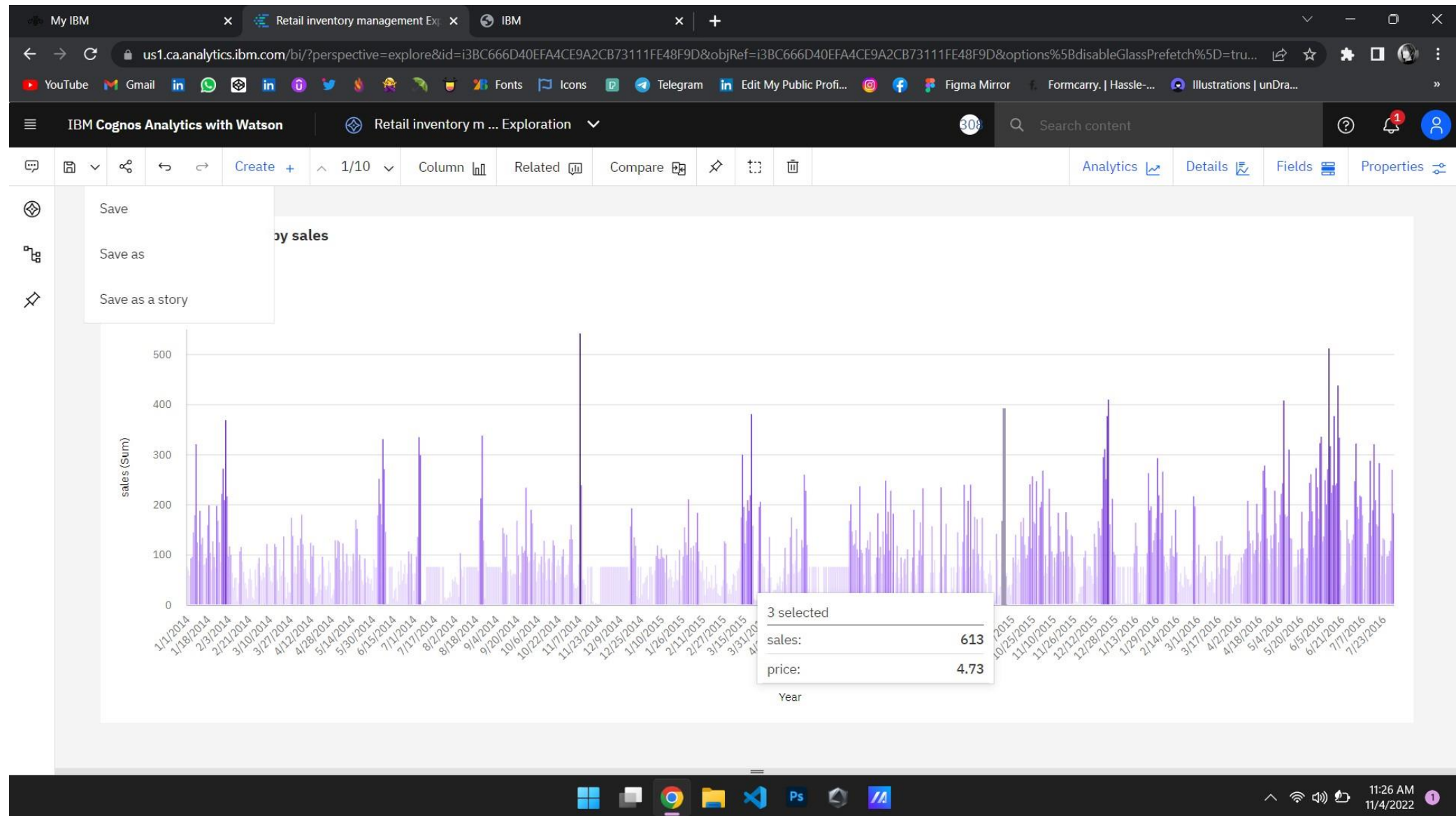
# LOAD THE DATASET:

Tool used – IBM Cognos

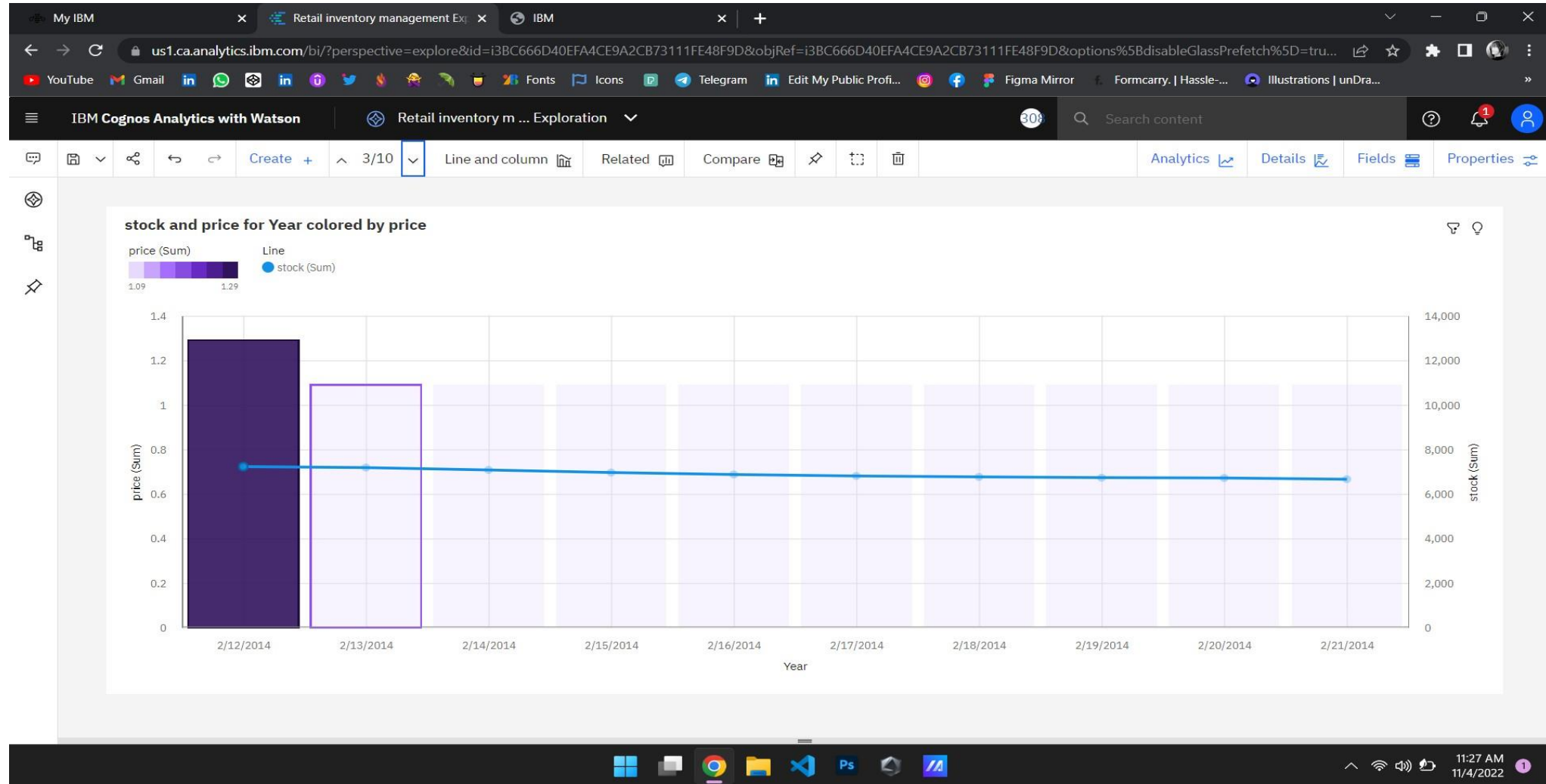
The screenshot displays the IBM Cognos Analytics 'Content' page. At the top, a green notification bar states 'mock\_kaggle.csv was uploaded successfully.' with a 'Hide Details' link. Below this, the 'Content' section is active, showing a grid of data files. The files are organized into a grid with columns for file names, last accessed dates, and file types (CSV or XLSX). The files include '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', and 'pharmacy data'. The 'Data module' and 'Sprint-1' are highlighted with a light blue background. The '50\_startups.csv', 'bank (1).csv', 'bikebuyer.csv', and 'mock\_kaggle.csv' files have a teal 'CSV' label and an upward arrow icon. The 'Olympic Events.xlsx', 'Olympic Medals.xlsx', 'Pharma\_Monthly\_Sales.csv', and 'pharmacy data' files have a teal 'XLSX' label and an upward arrow icon. The bottom of the screen shows a Windows taskbar with various application icons and a system tray indicating the time as 10:36 AM on 10/31/2022.

File Name	Last Accessed	File Type
Data module	9/25/2022, 12:24 AM	
Sprint-1	10/30/2022, 11:59 PM	
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		XLSX
Olympic Medals.xlsx		XLSX
Pharma_Monthly_Sales.csv		CSV
pharmacy data		

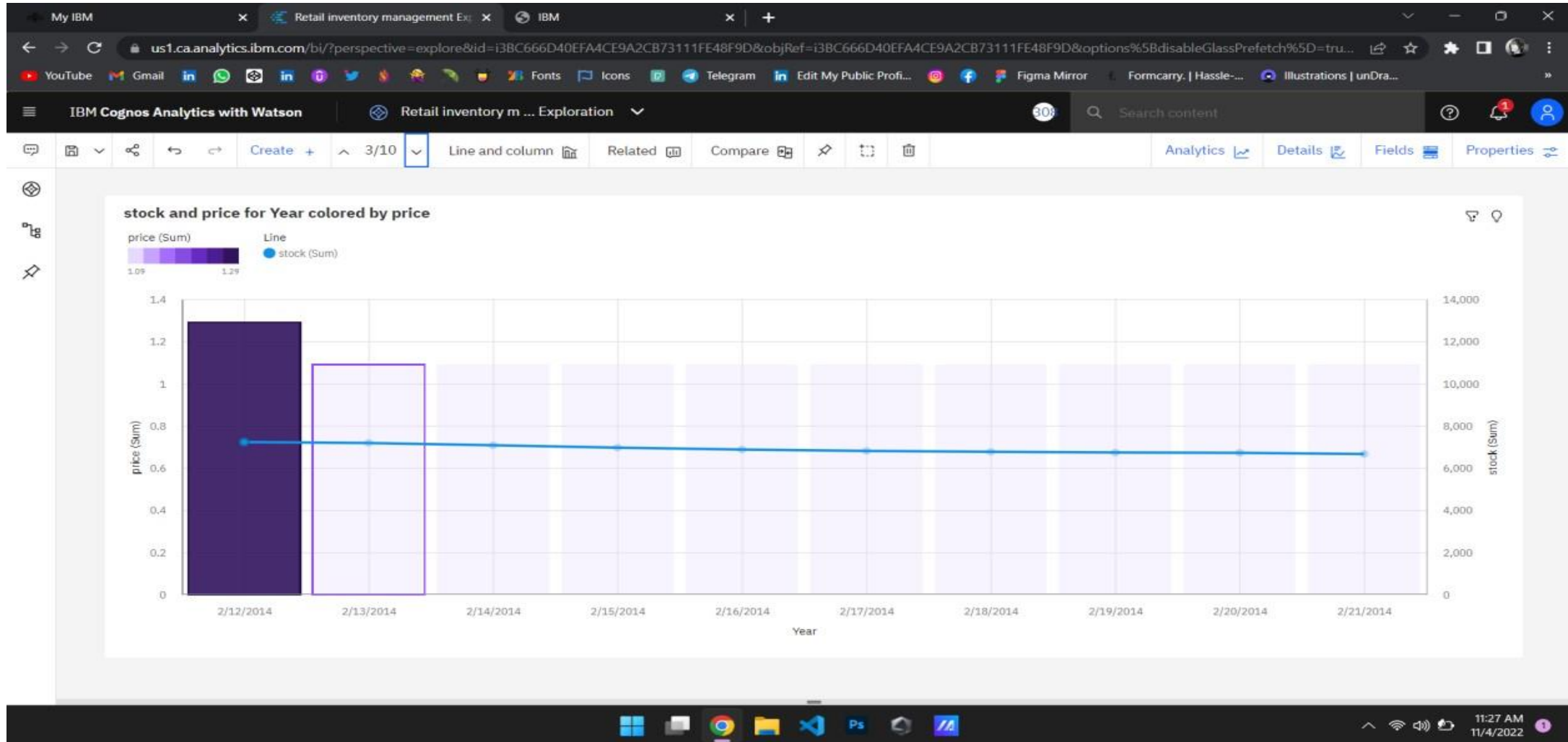
# SALES ANALYSIS:



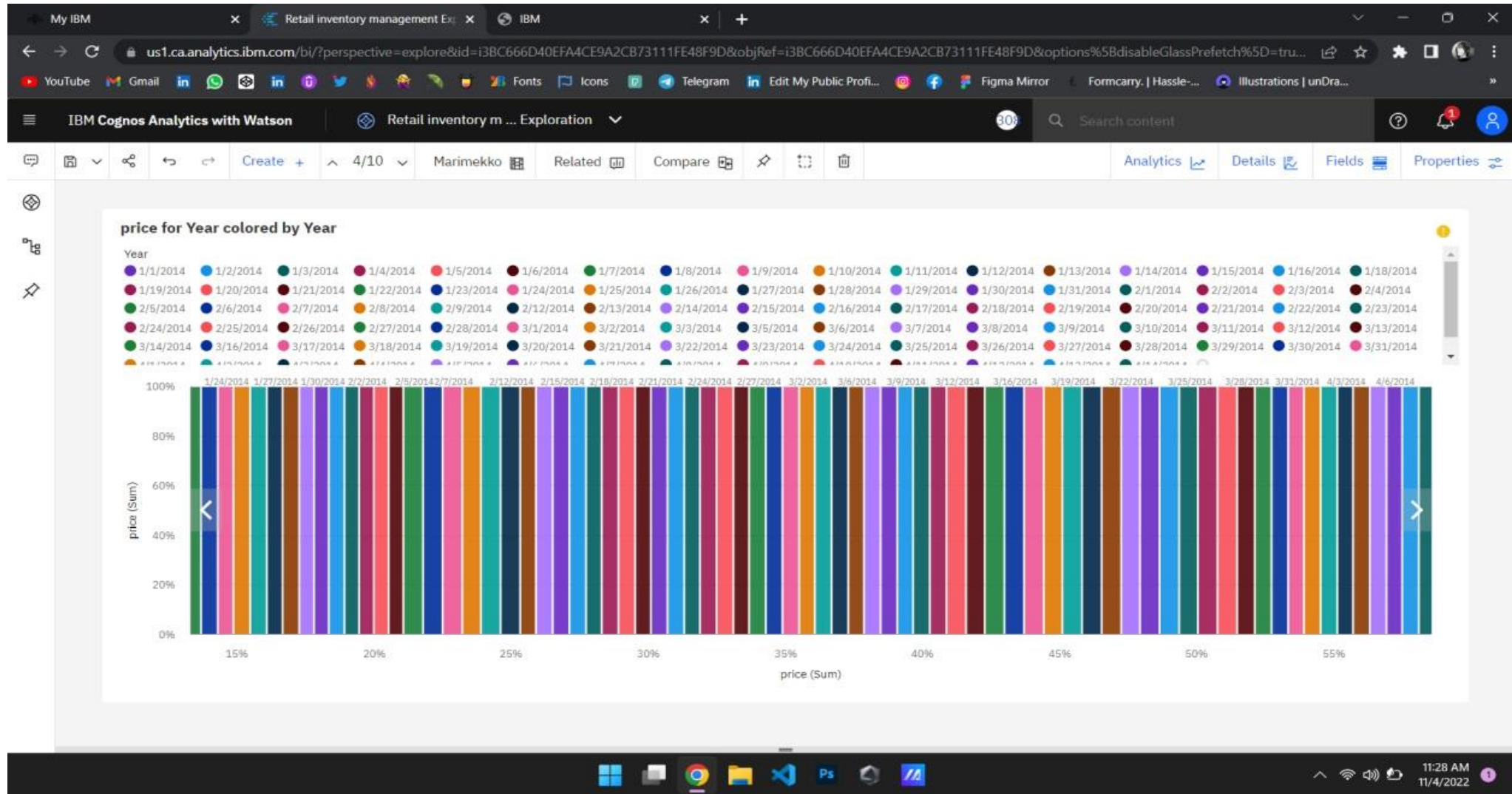
# PRICE ANALYSIS:



# STOCK AND PRICE FOR YEAR COLORED BY PRICE:

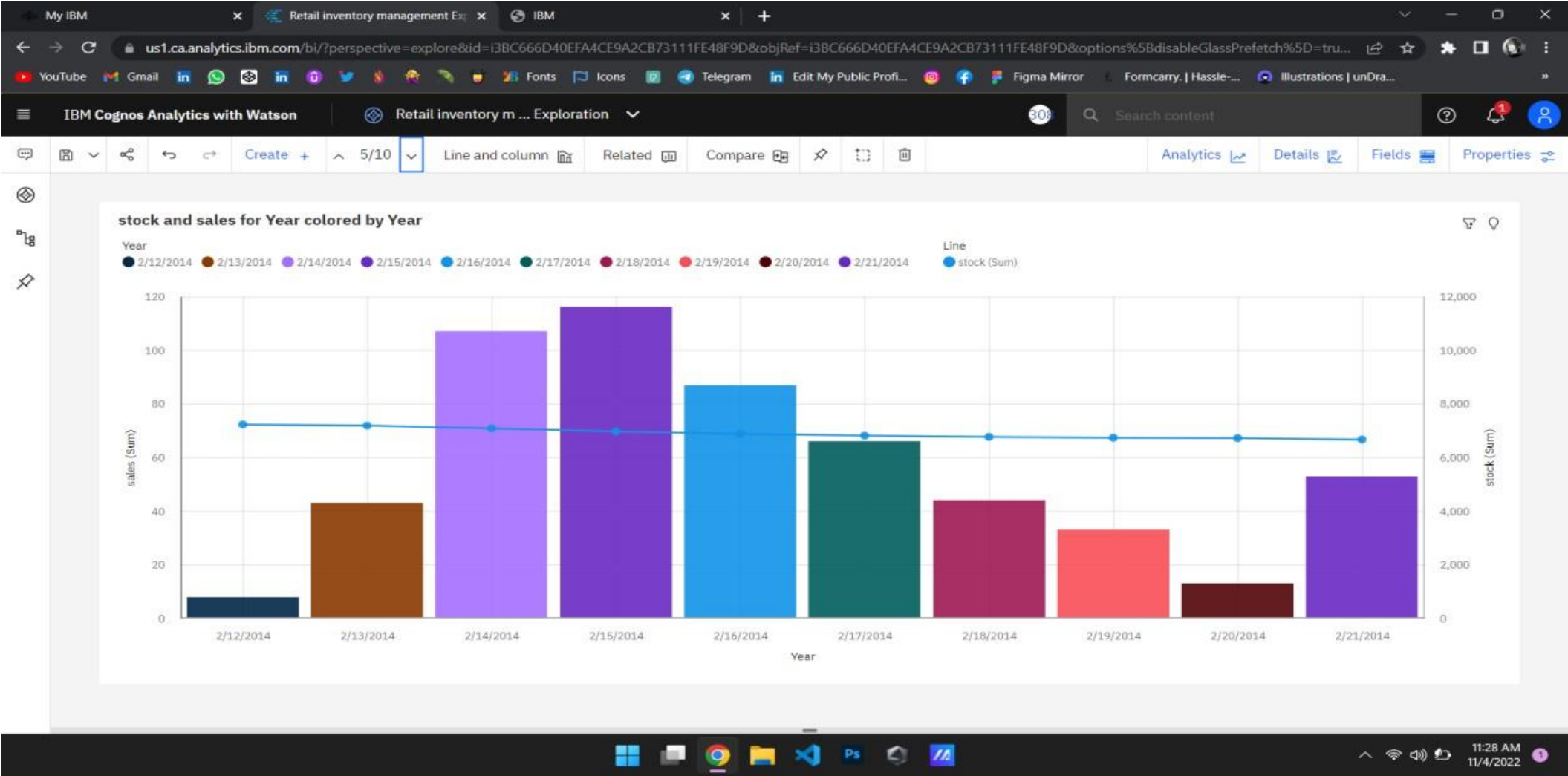


# PRICE FOR YEAR COLORED BY YEAR:

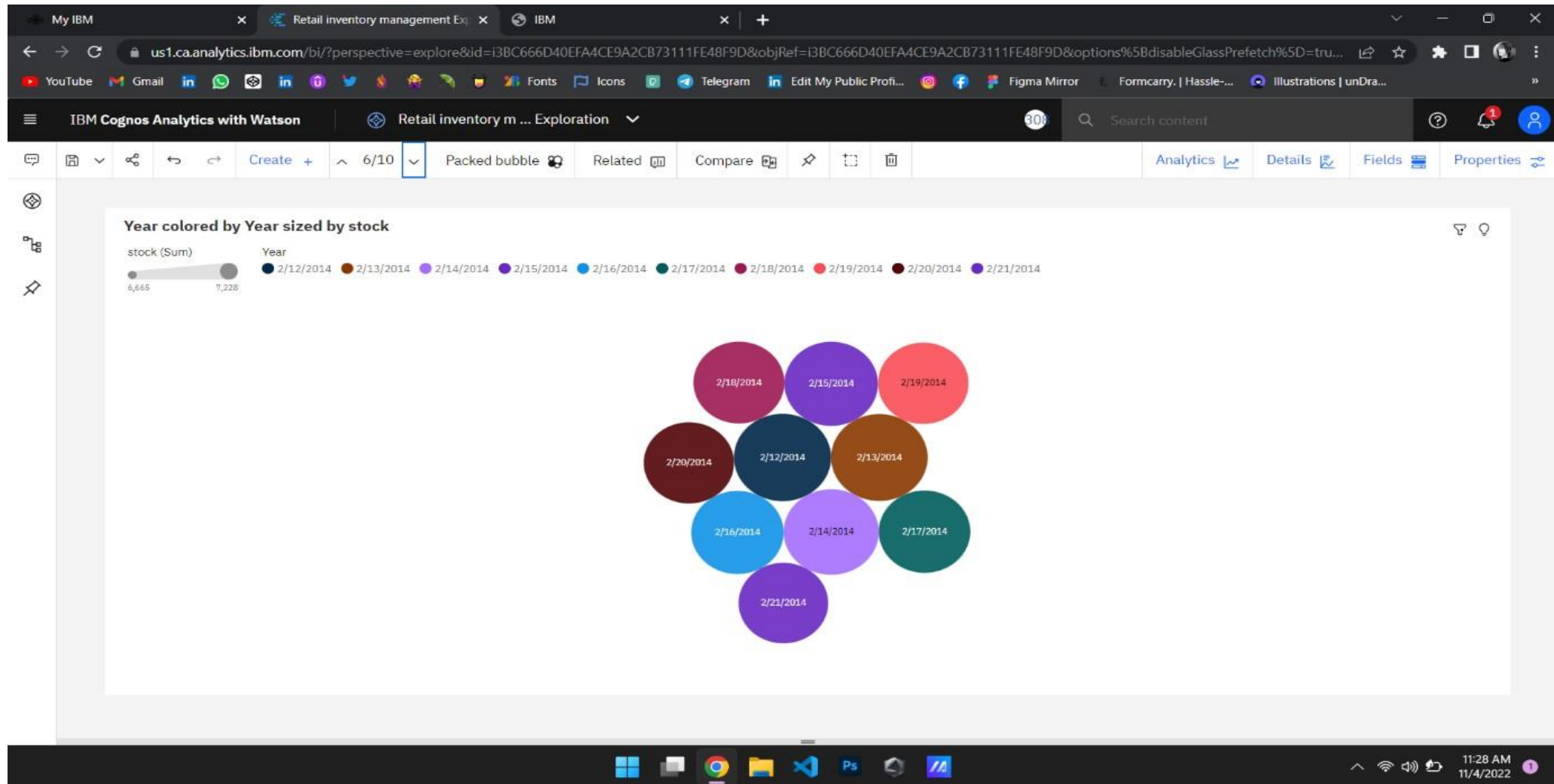




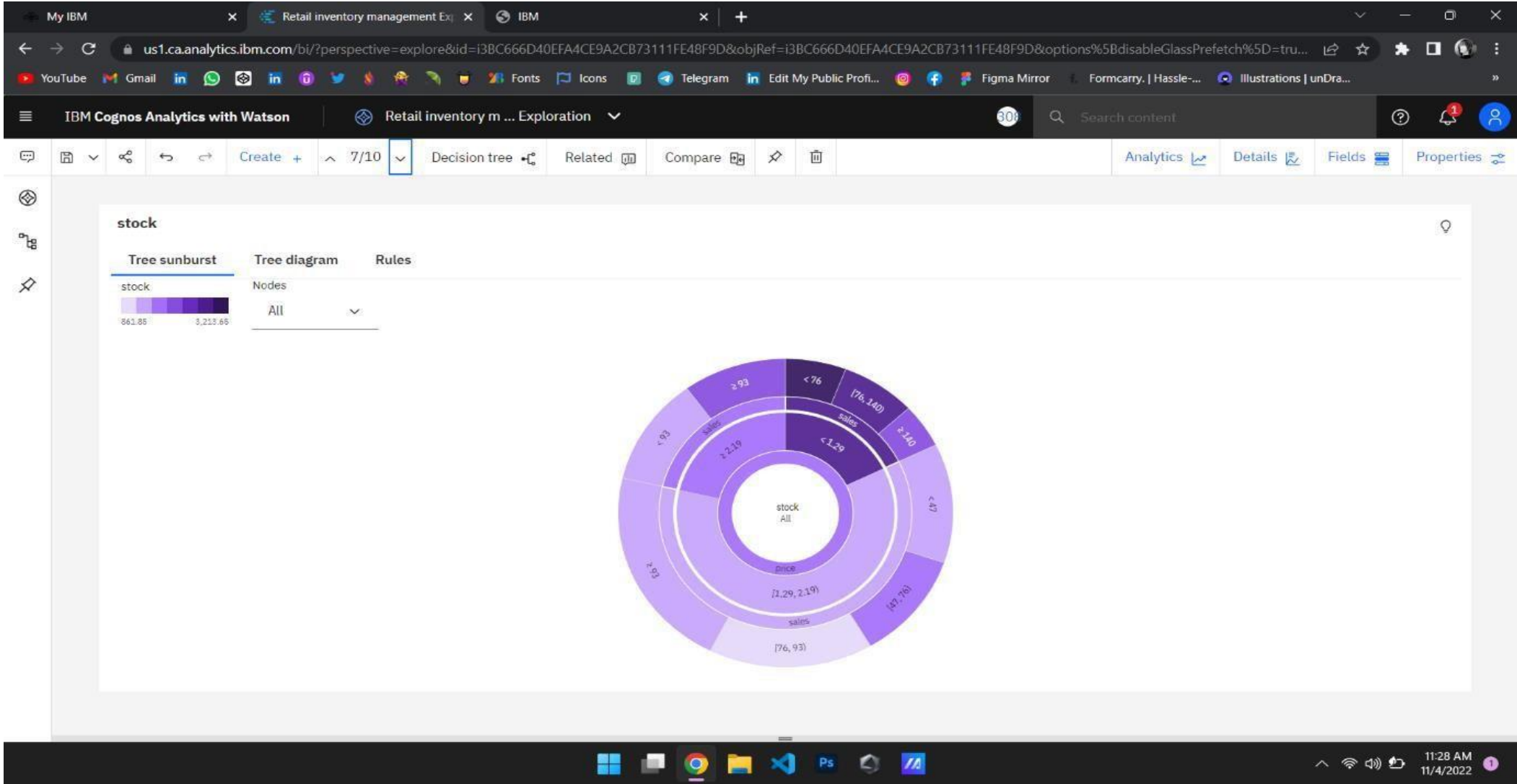
# STOCK AND SALES FOR YEAR COLORED BY YEAR:



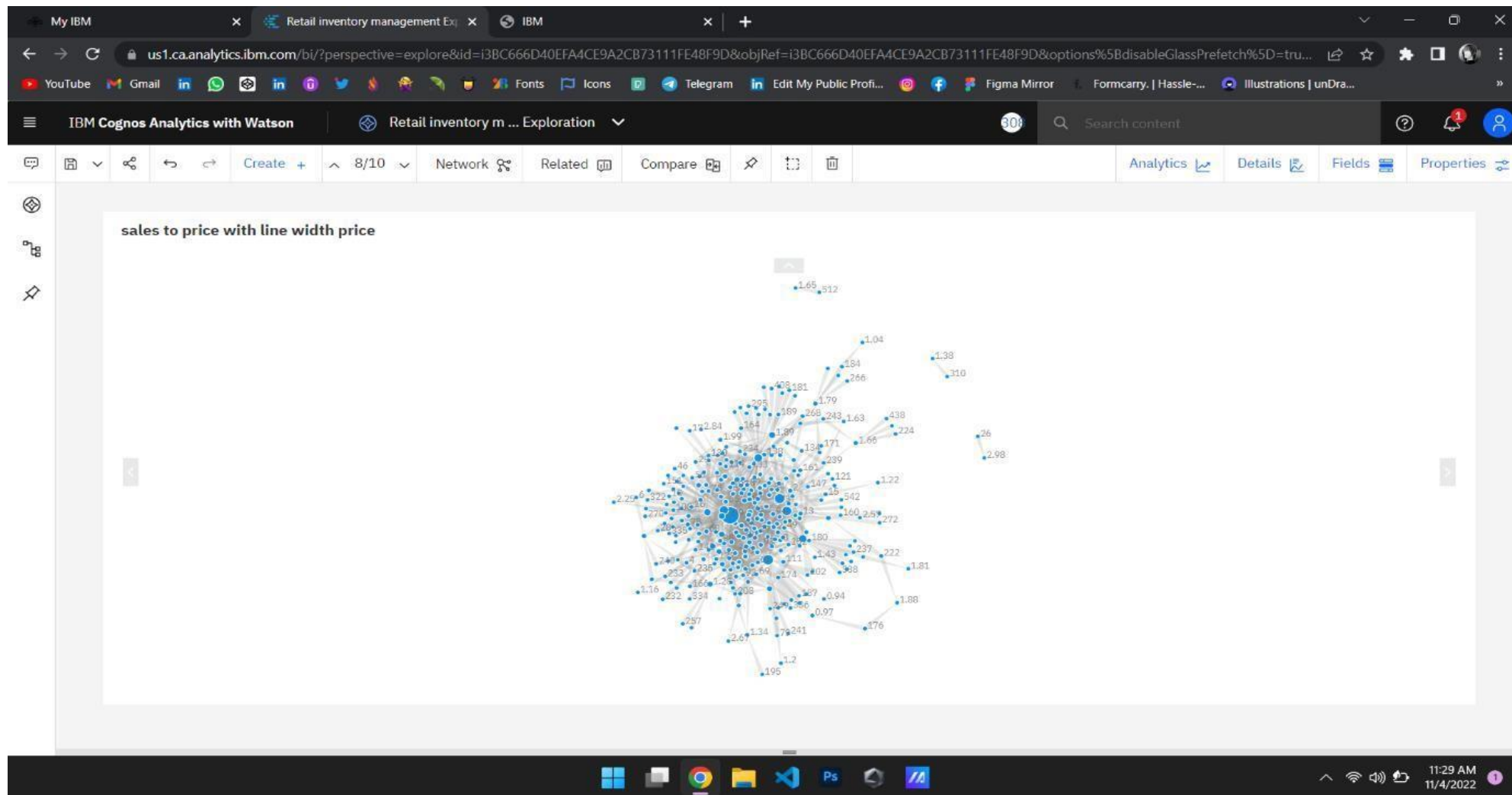
# YEAR COLORED BY YEAR SIZED BY STOCK:



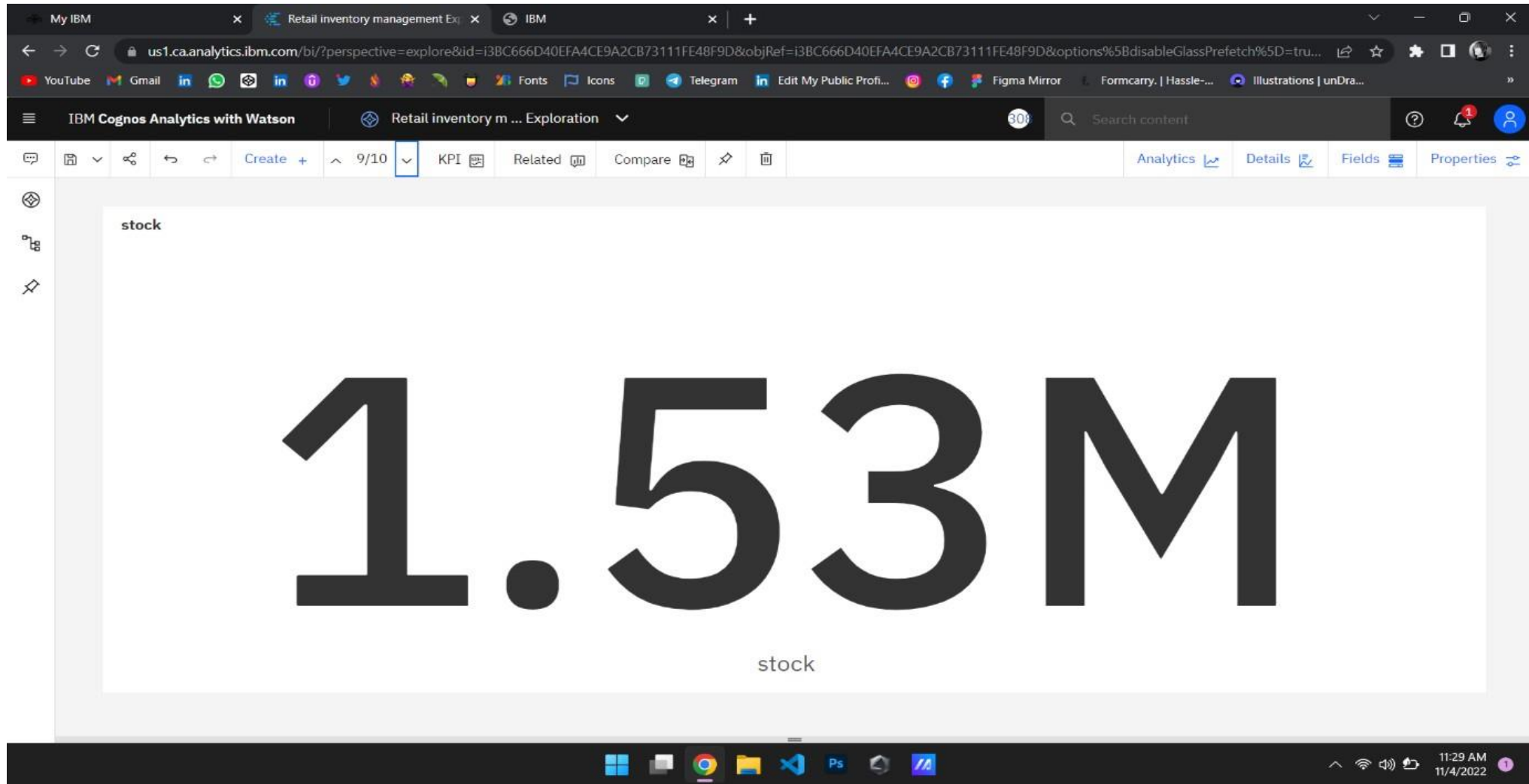
## STOCK TREE SUNBURST:



## SALES TO PRICE WITH LINE WIDTH PRICE:



# STOCK USERS:





# YEAR SIZED BY SALES:

