

# PROJECT DEVELOPMENT PHASE

## DELIVERY OF SPRINT-2

Team ID	PNT2022TMID31159
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:

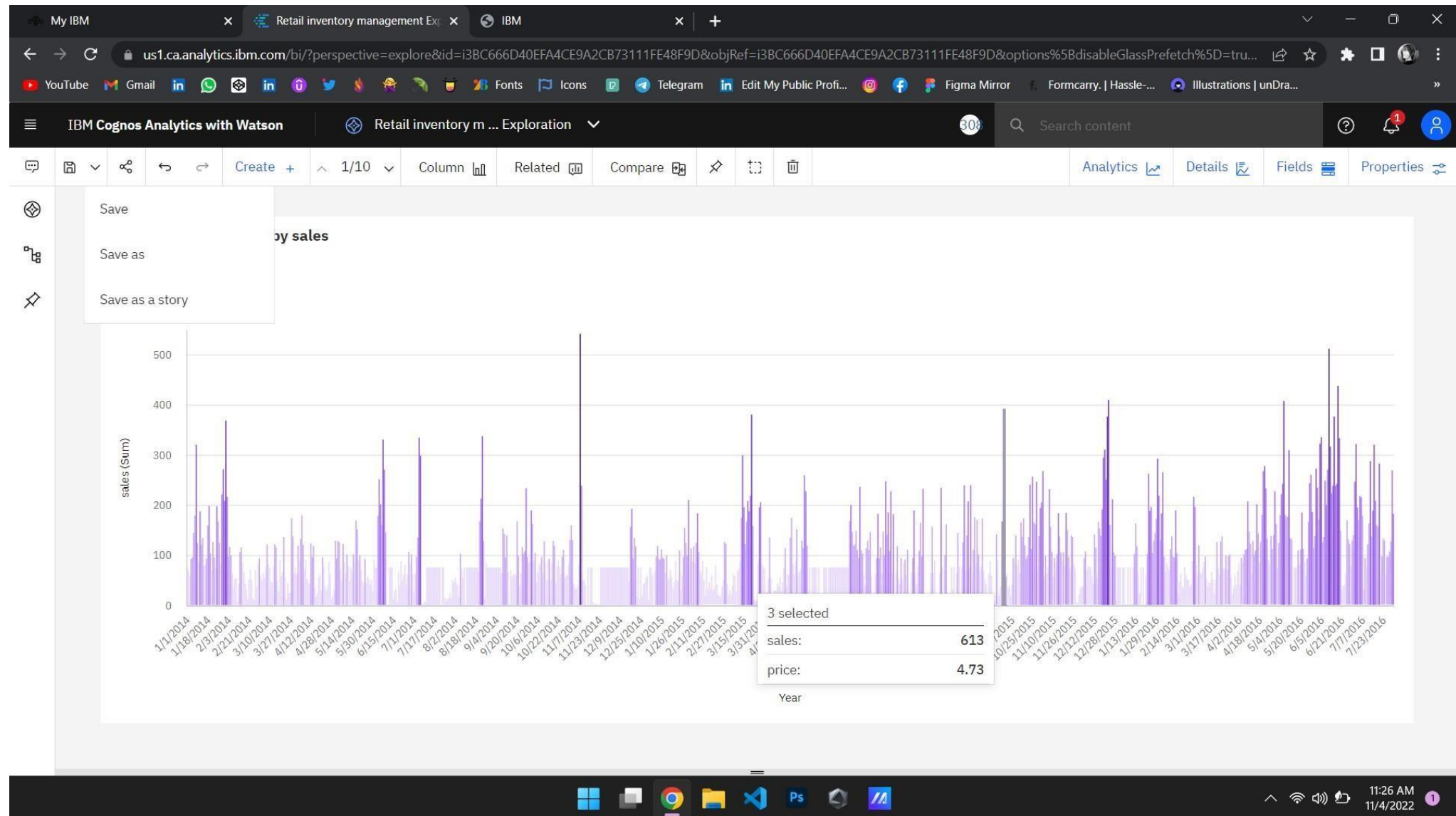
Tool used – IBM Cognos

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." with a "Hide Details" link. Below the notification, there are tabs for "My content", "Team content", and "Samples". The "My content" tab is active, showing a list of data modules and files. The list includes:

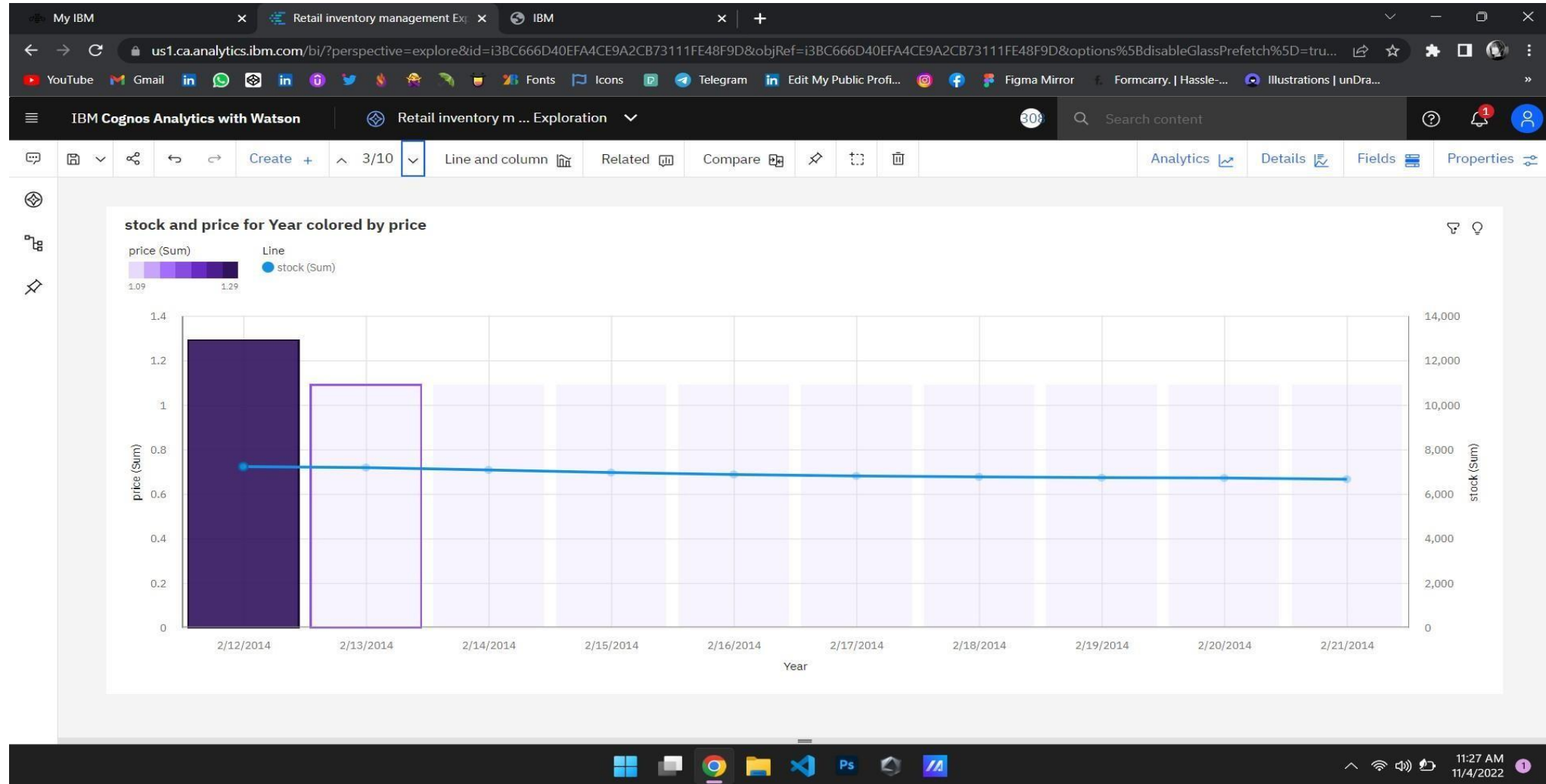
- Data module (Last Accessed 9/25/2022, 12:24 AM)
- Sprint-1 (Last Accessed 10/30/2022, 11:59 PM)
- 50\_startups.csv (Last Accessed 9/16/2022, 3:23 AM)
- bank (1).csv (Last Accessed 9/18/2022, 11:49 PM)
- bikebuyer.csv (Last Accessed 9/14/2022, 9:02 AM)
- mock\_kaggle.csv (Last Accessed 10/31/2022, 12:06 AM)
- Olympic Events.xlsx
- Olympic Medals.xlsx
- Pharma\_Monthly\_Sales.csv
- pharmacy data

The interface also features a search bar, a "New" button, and a sidebar with navigation icons. 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.

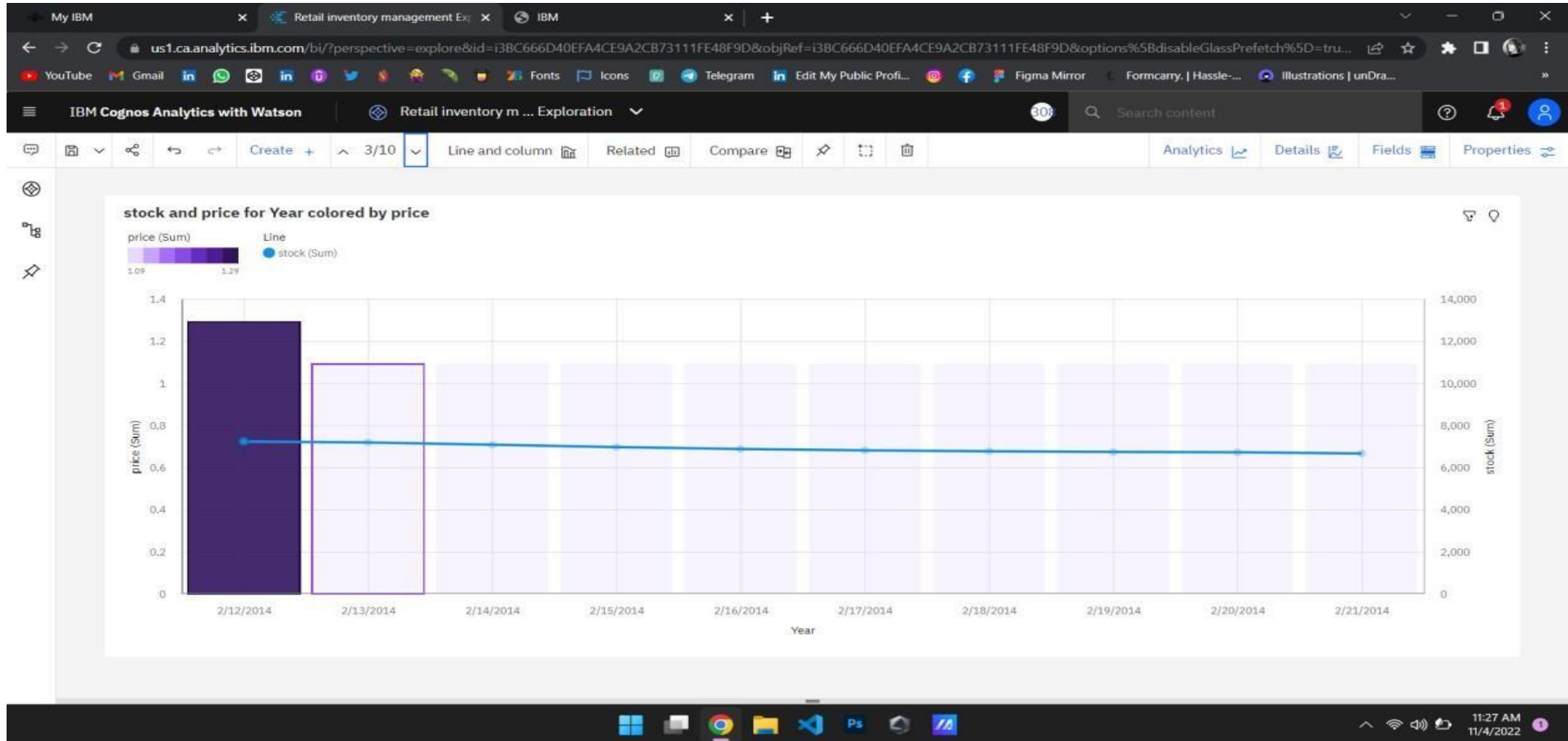
# SALES ANALYSIS:



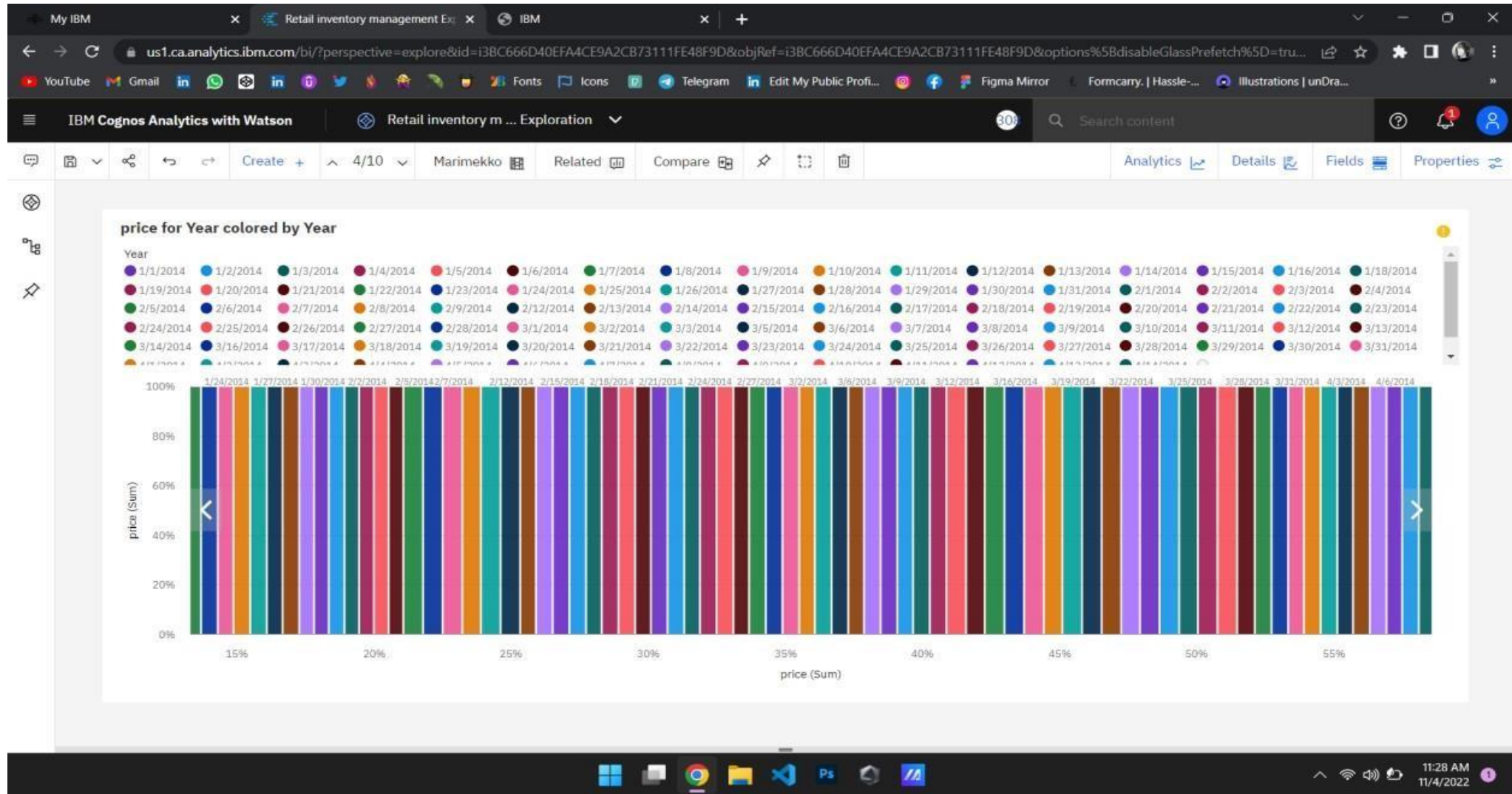
# PRICE ANALYSIS:



# STOCK AND PRICE FOR YEAR COLORED BY PRICE:

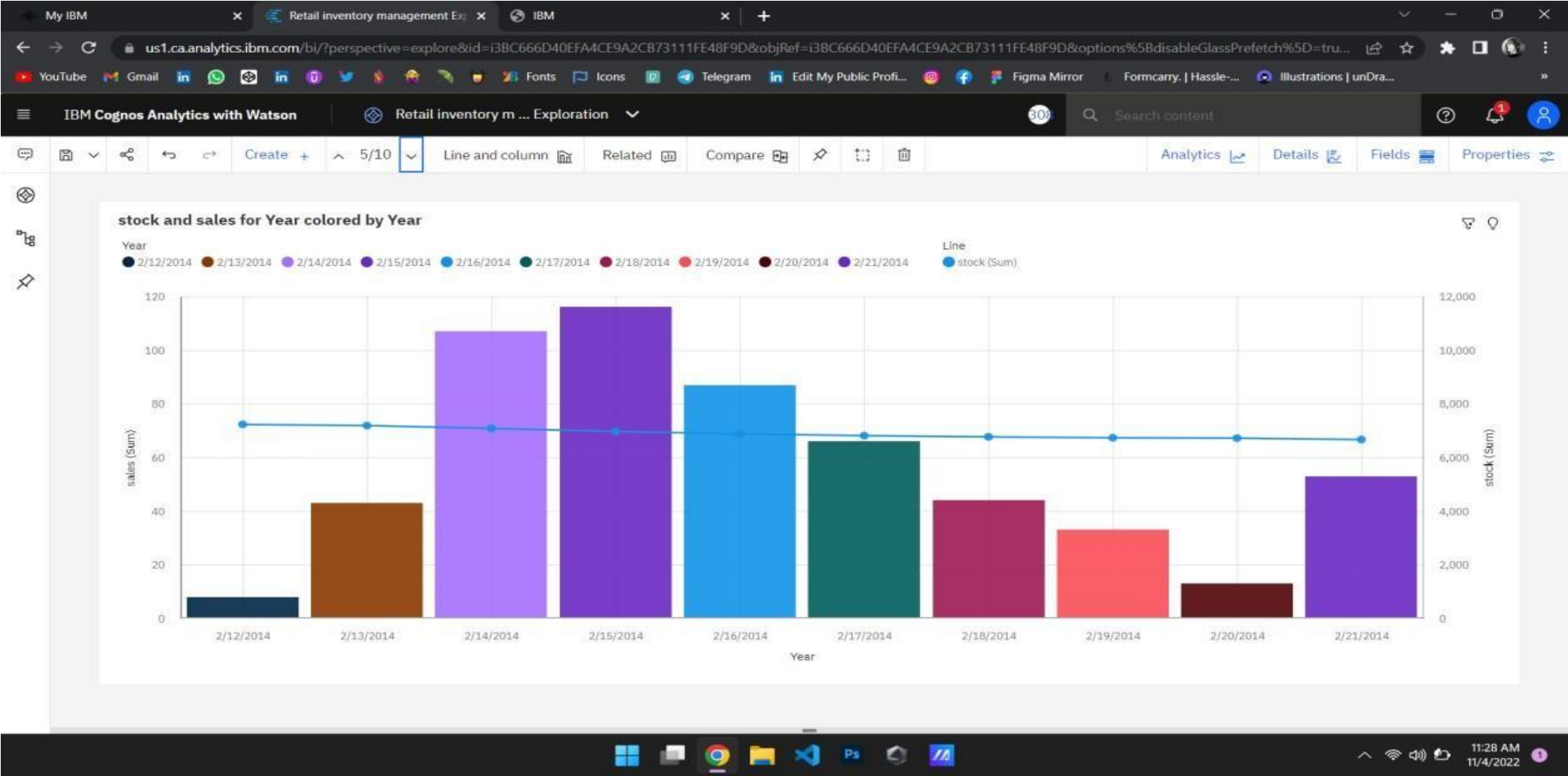


# PRICE FOR YEAR COLORED BY YEAR:

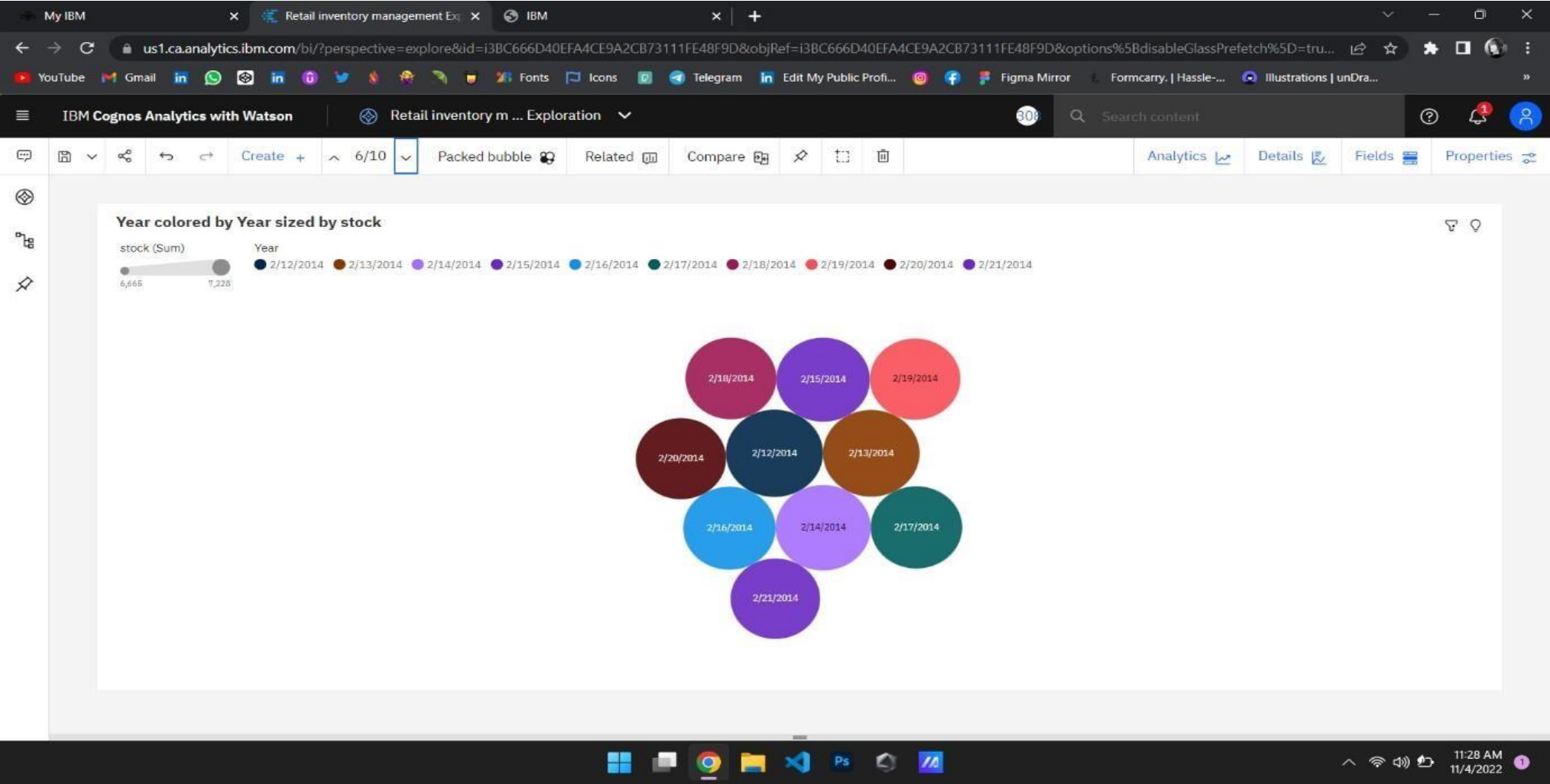




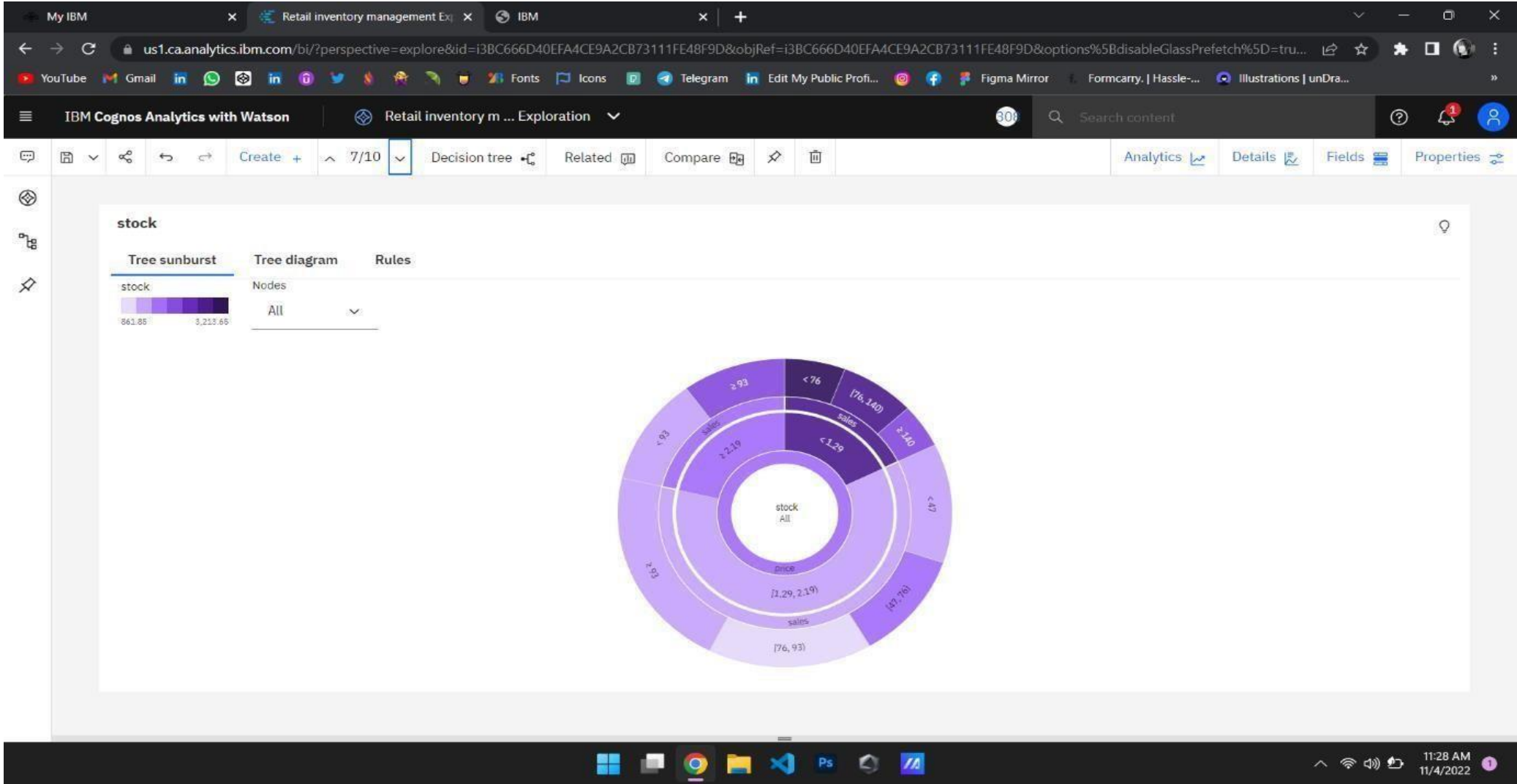
# STOCK AND SALES FOR YEAR COLORED BY YEAR:



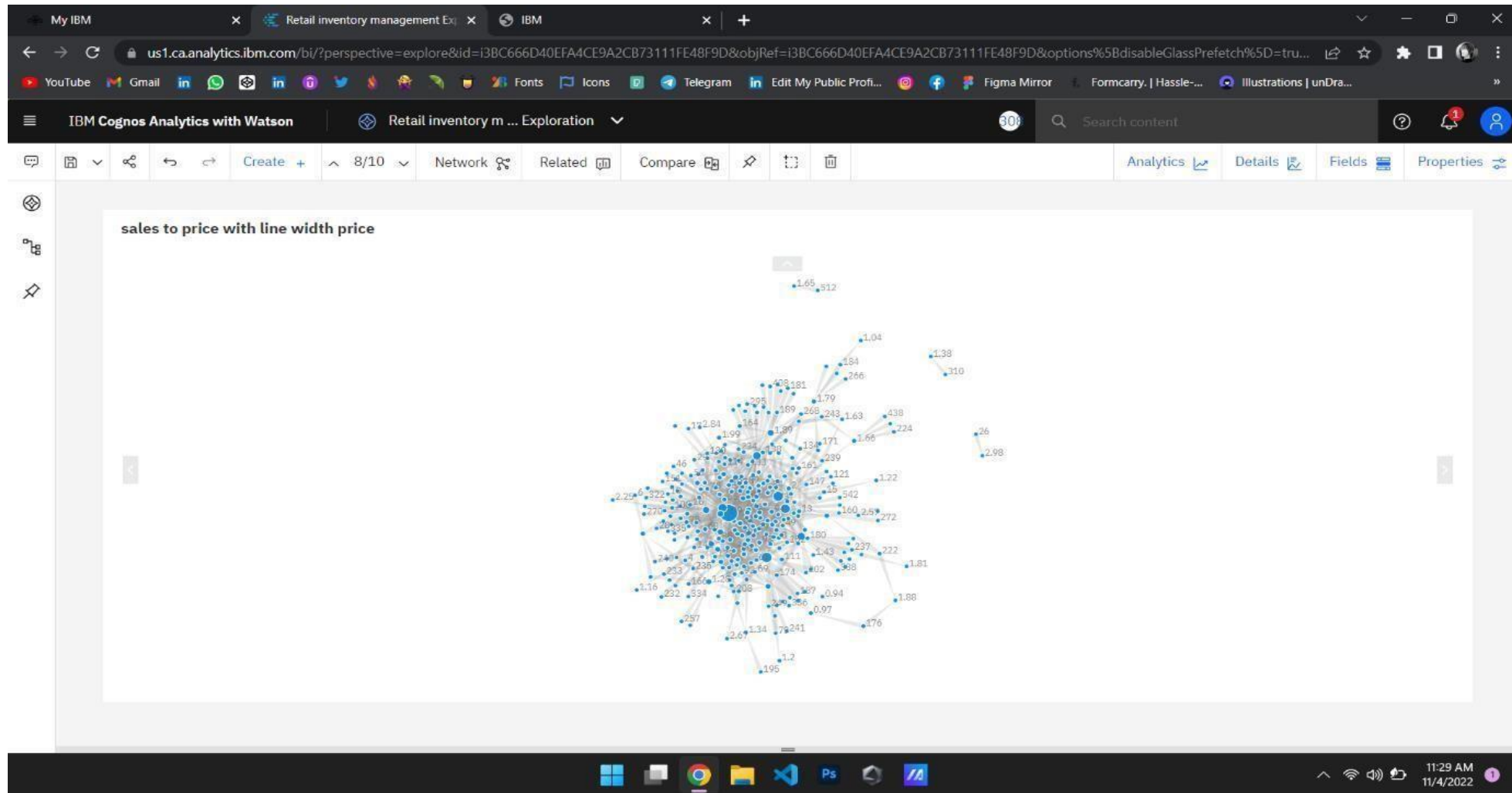
# YEAR COLORED BY YEAR SIZED BY STOCK:



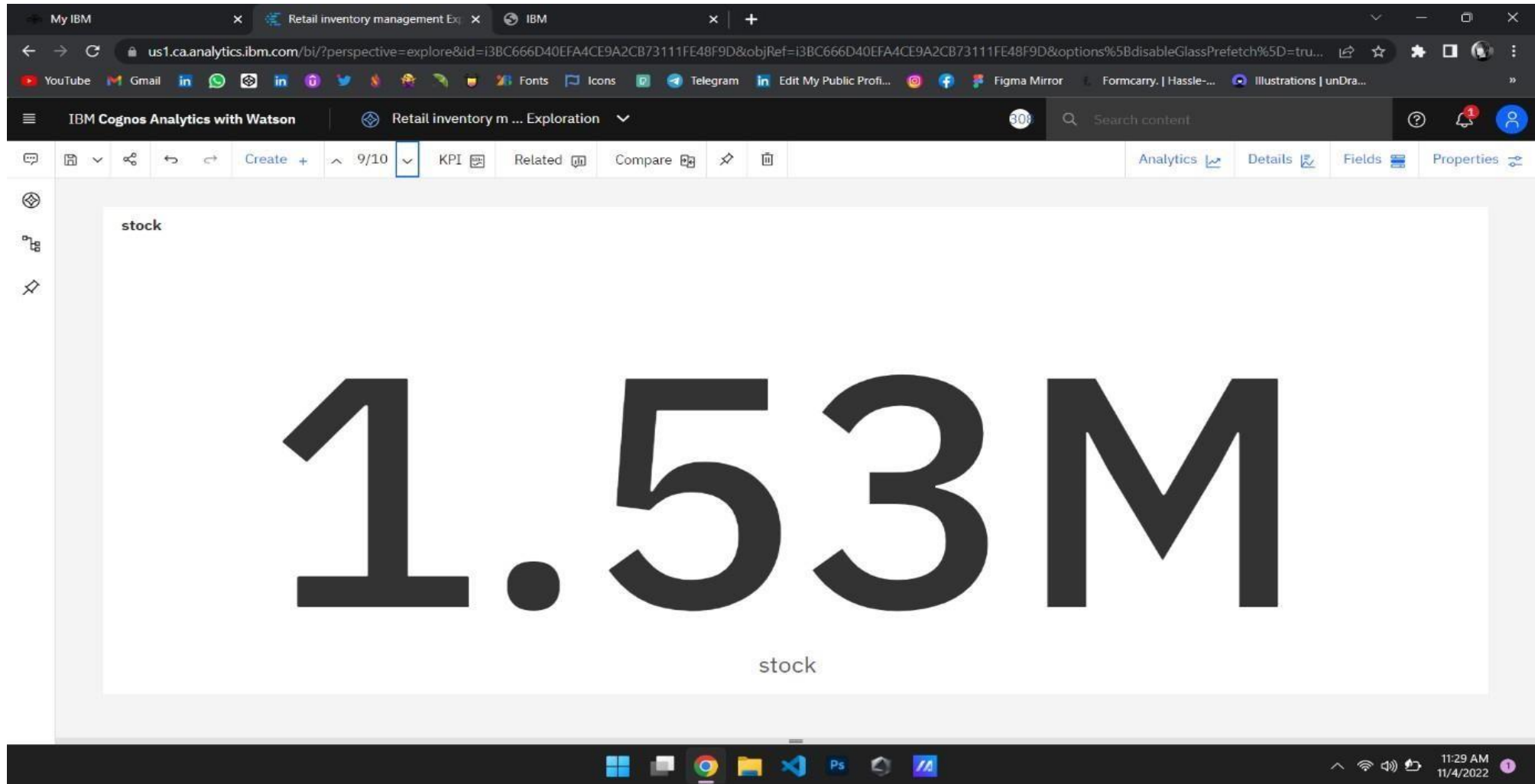
## STOCK TREE SUNBURST:



## SALES TO PRICE WITH LINE WIDTH PRICE:



# STOCK USERS:





## YEAR SIZED BY SALES:

