

PROJECT DEVELOPMENT PHASE

DELIVERY OF SPRINT-2

Team ID	PNT2022TMID45498
Project Name	Retail Store Stock Inventory Analytics

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-5CHJmQvbK9VyFsuUs-myAupBZGNy>

LOAD THE DATASET:

The tool used – IBM Cognos

The screenshot displays the IBM Cognos Analytics web interface. At the top, the browser tabs show 'IBM', 'IBM', 'IBM-Project-12194-165944', 'Cognos Analytics | IBM', 'My IBM', 'Home', and a plus sign for more tabs. The address bar shows 'ap2.ca.analytics.ibm.com/bi/?perspective=home'. Below the browser tabs, a navigation bar includes the IBM Cognos Analytics with Watson logo, a search bar, and user profile icons. A blue banner at the top indicates 'Maintenance: Scheduled maintenance completed. Click I'.

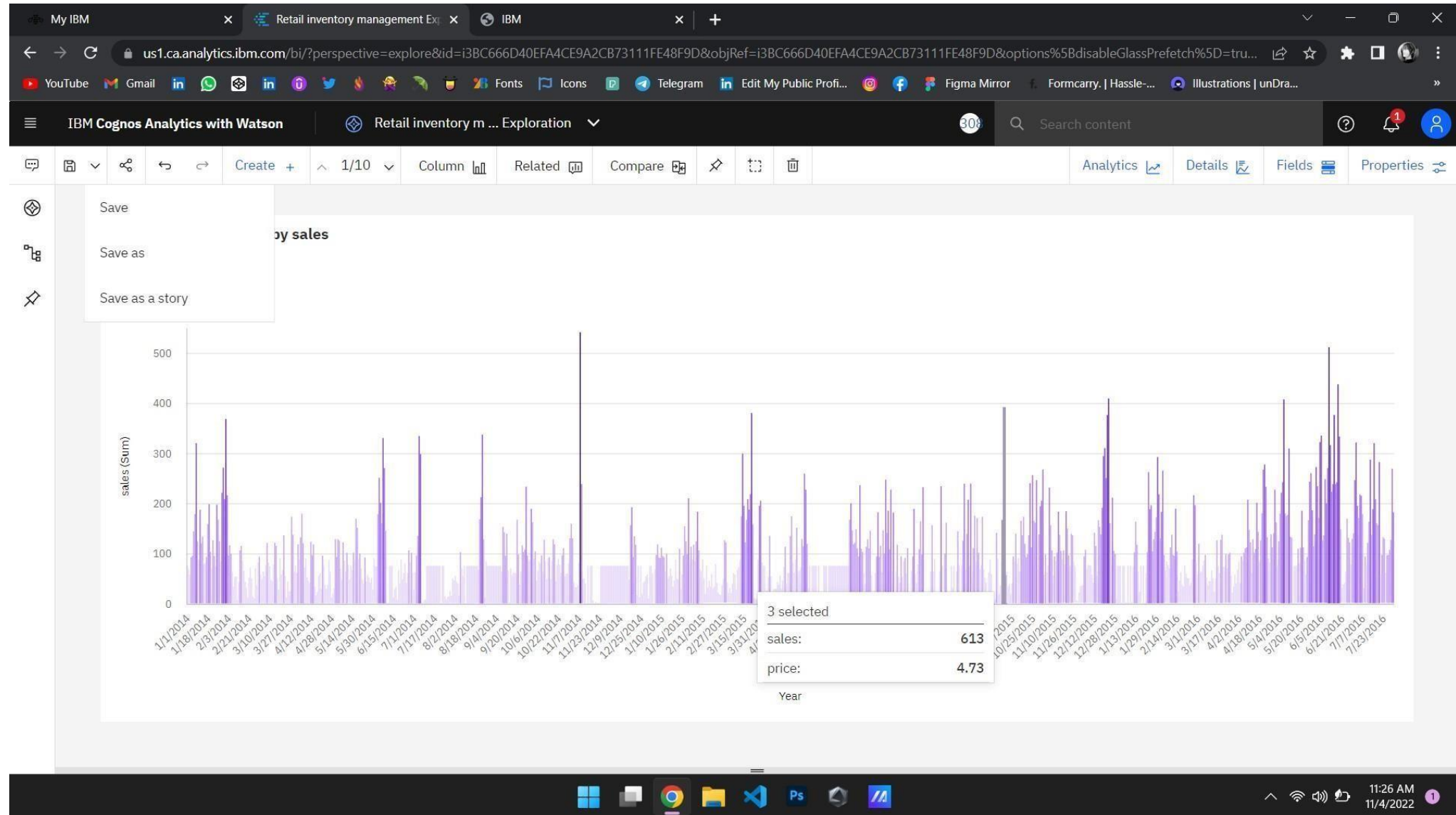
A file upload progress bar is visible, showing 'Analyzing Inventory Management dataset.zip' with a progress indicator and buttons for 'Cancel', 'Details', 'Dismiss', and 'More info'.

Below the progress bar, the 'Quick launch' section is displayed, featuring four main actions:

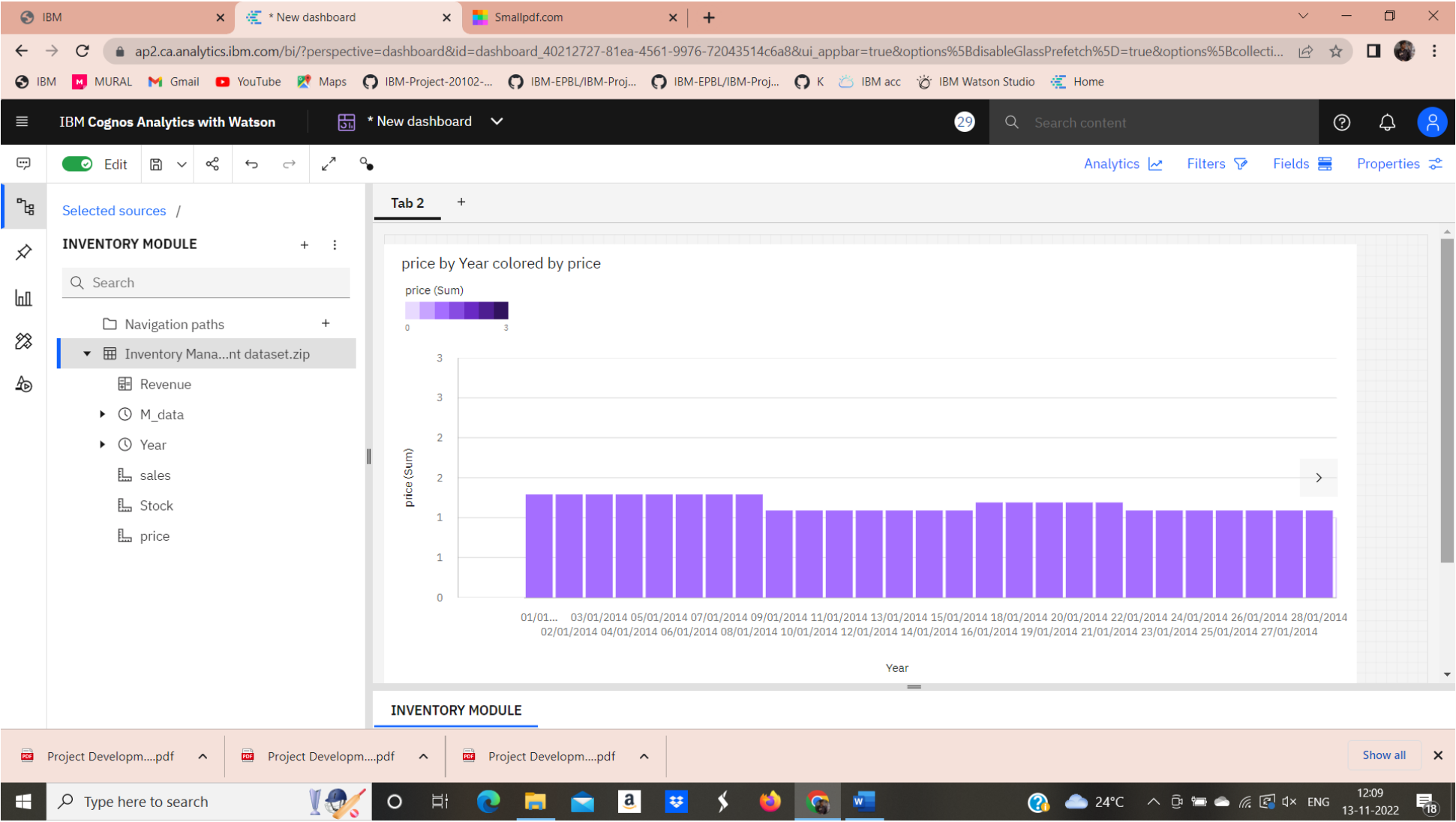
- Upload data**: Upload or drag and drop spreadsheets, csv files, and other data sources.
- Prepare data**: Use data modules to clean and connect data from multiple resources.
- Exploration**: Quickly find unbiased answers by identifying trends in your data with data exploration.
- Present data**: Create sophisticated, multi-page, multi-query dashboards, reports, or stories.

At the bottom, the 'Get started' section is visible, with tabs for 'Get started' and 'Recent'. The 'Get started' tab is active, showing a section titled 'Get up and running in IBM Cognos Analytics'. Below this, there are three columns: 'How-to videos', 'Accelerator Catalog', and 'Learning resources'.

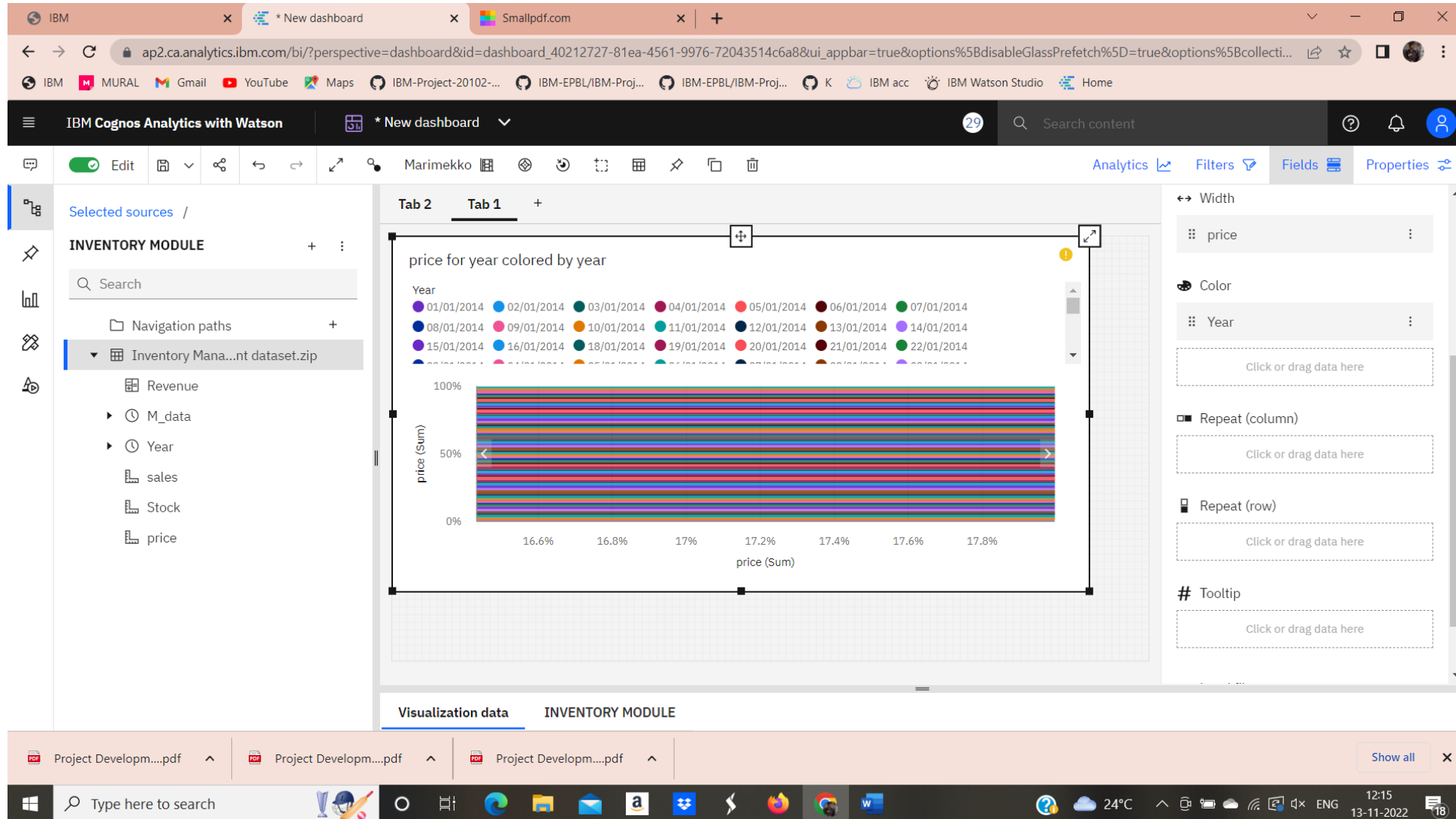
SALES ANALYSIS:



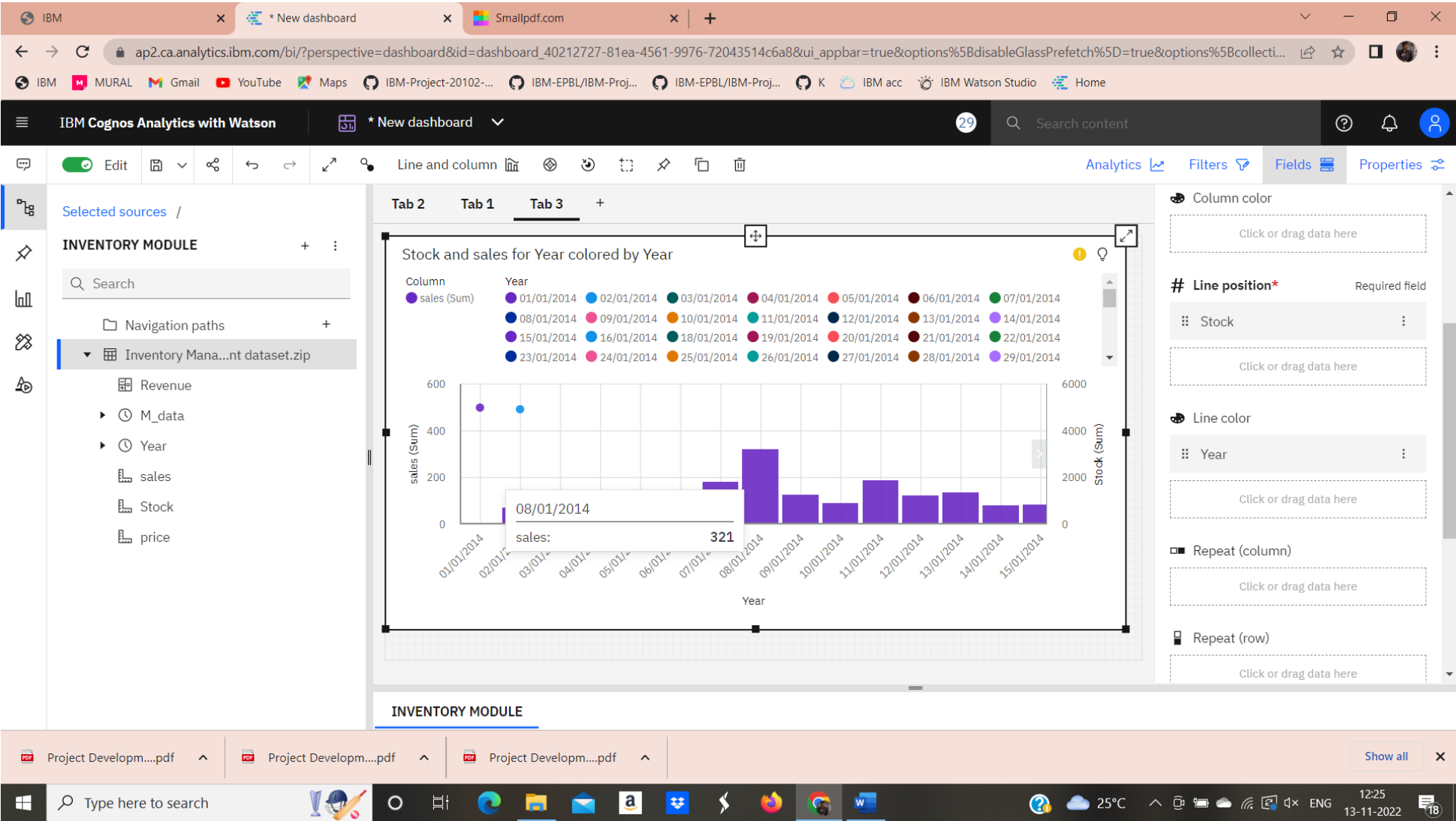
PRICE ANALYSIS:



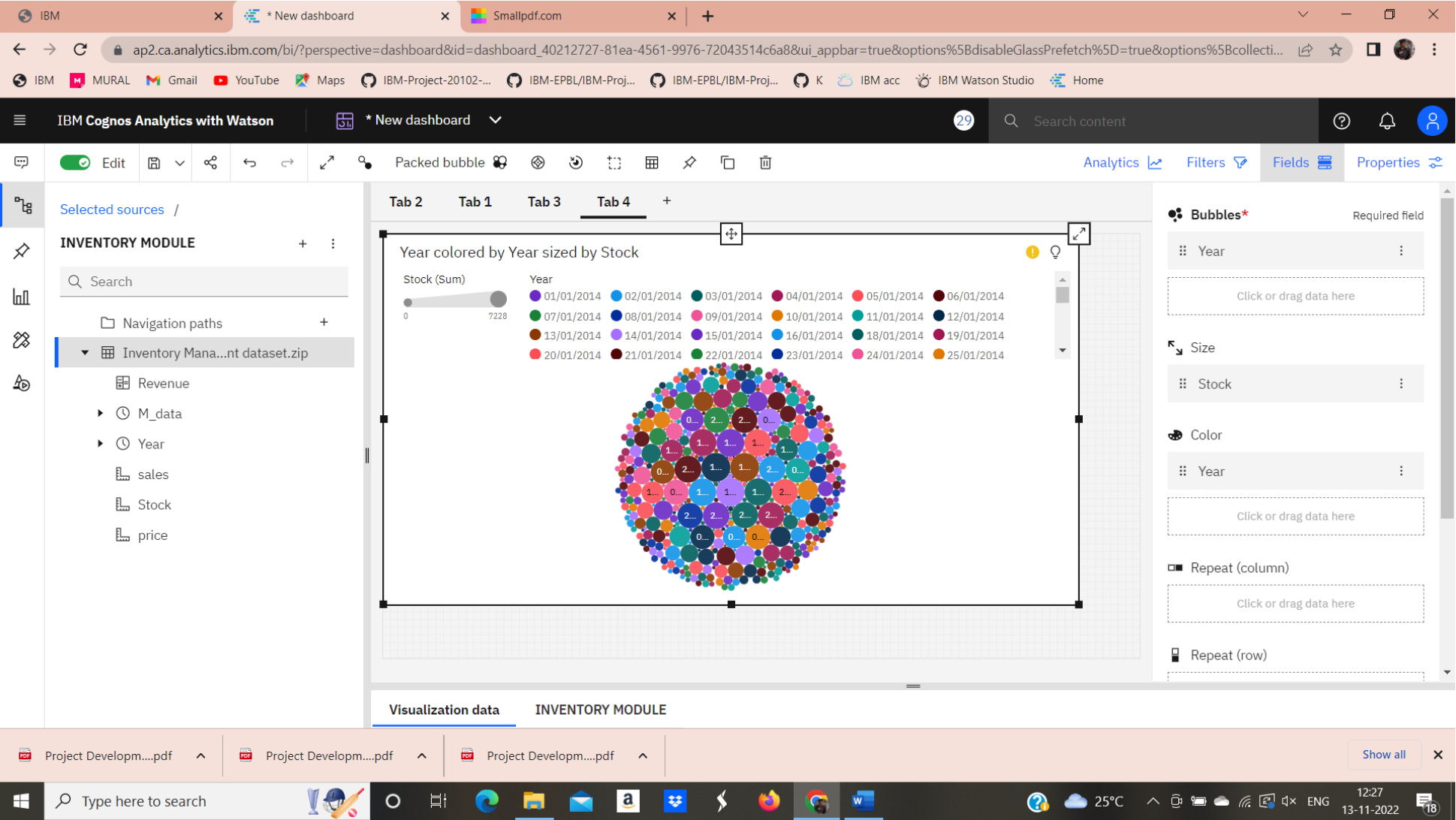
PRICE FOR YEAR COLORED BY YEAR:



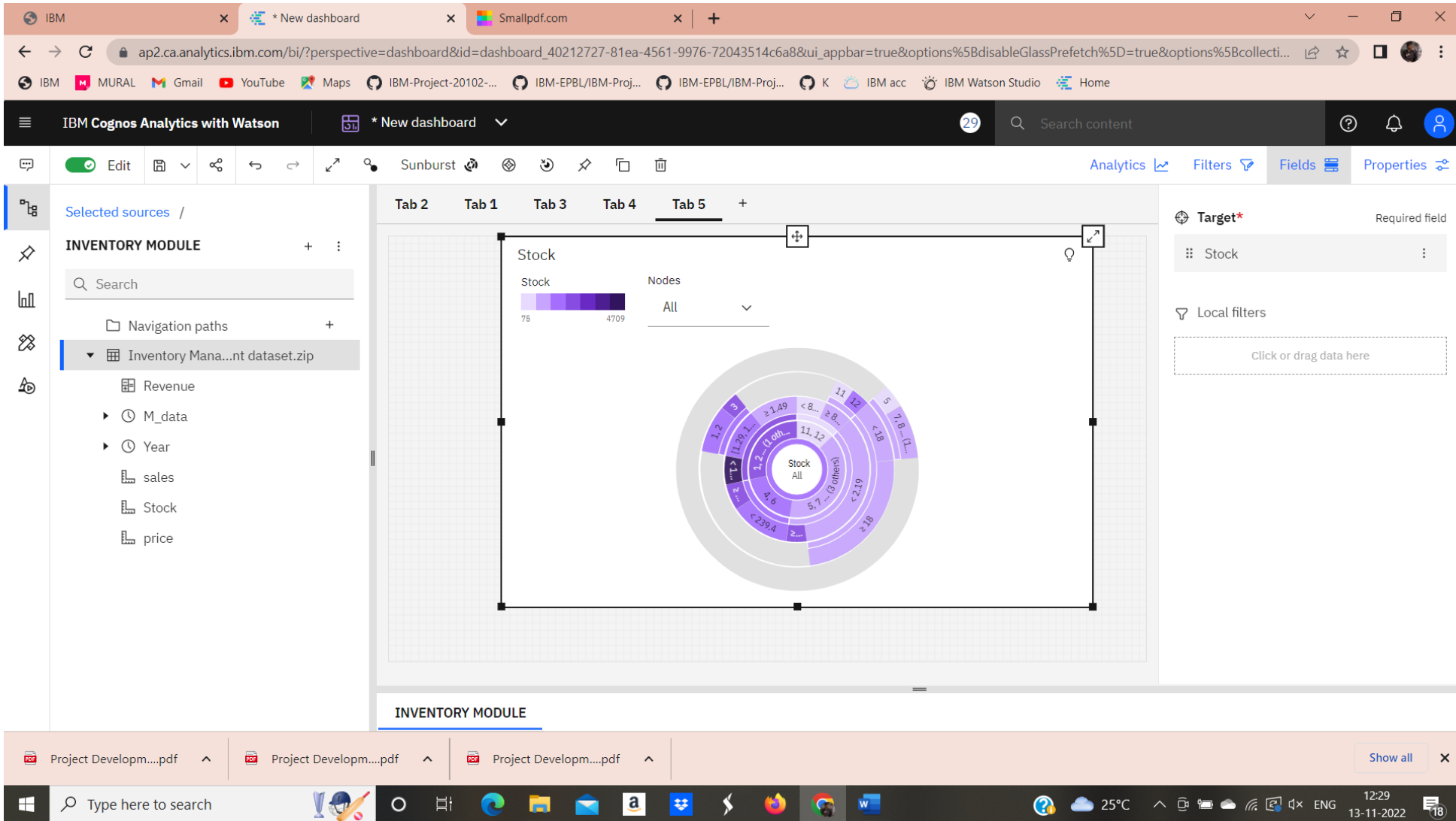
STOCK AND SALES FOR YEAR COLORED BY YEAR:



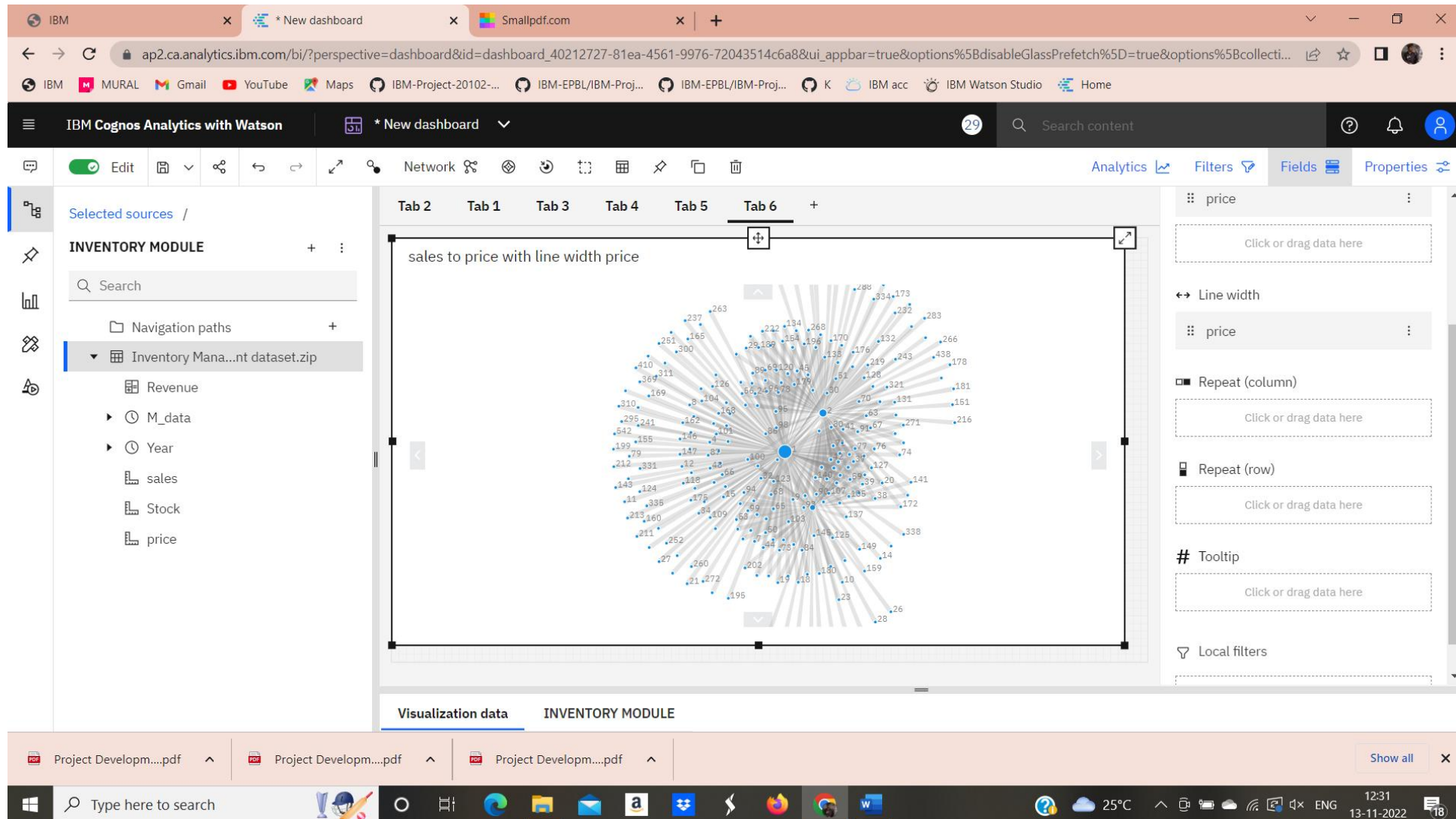
YEAR COLORED BY YEAR SIZED BY STOCK:



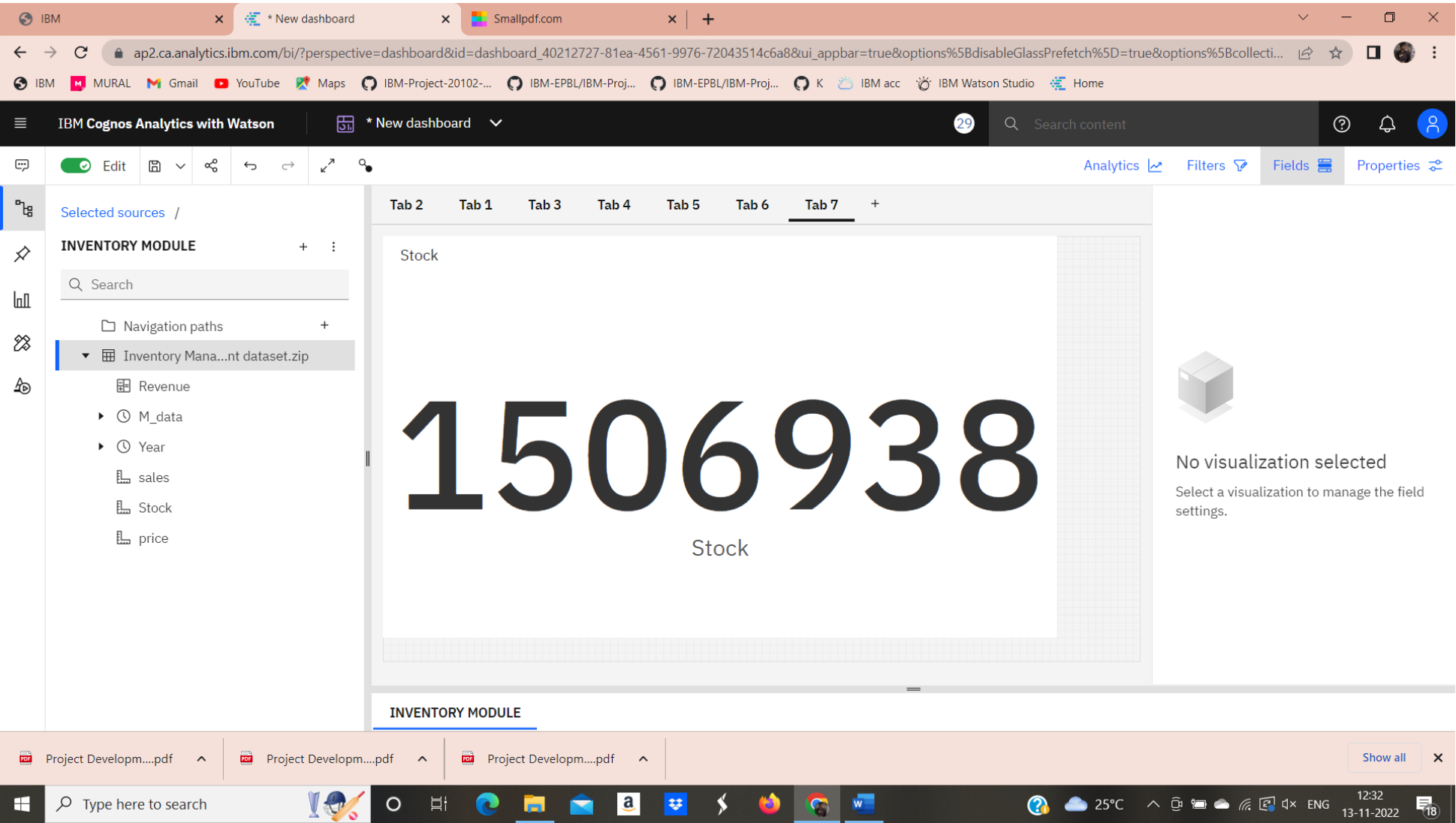
STOCK TREE SUNBURST:



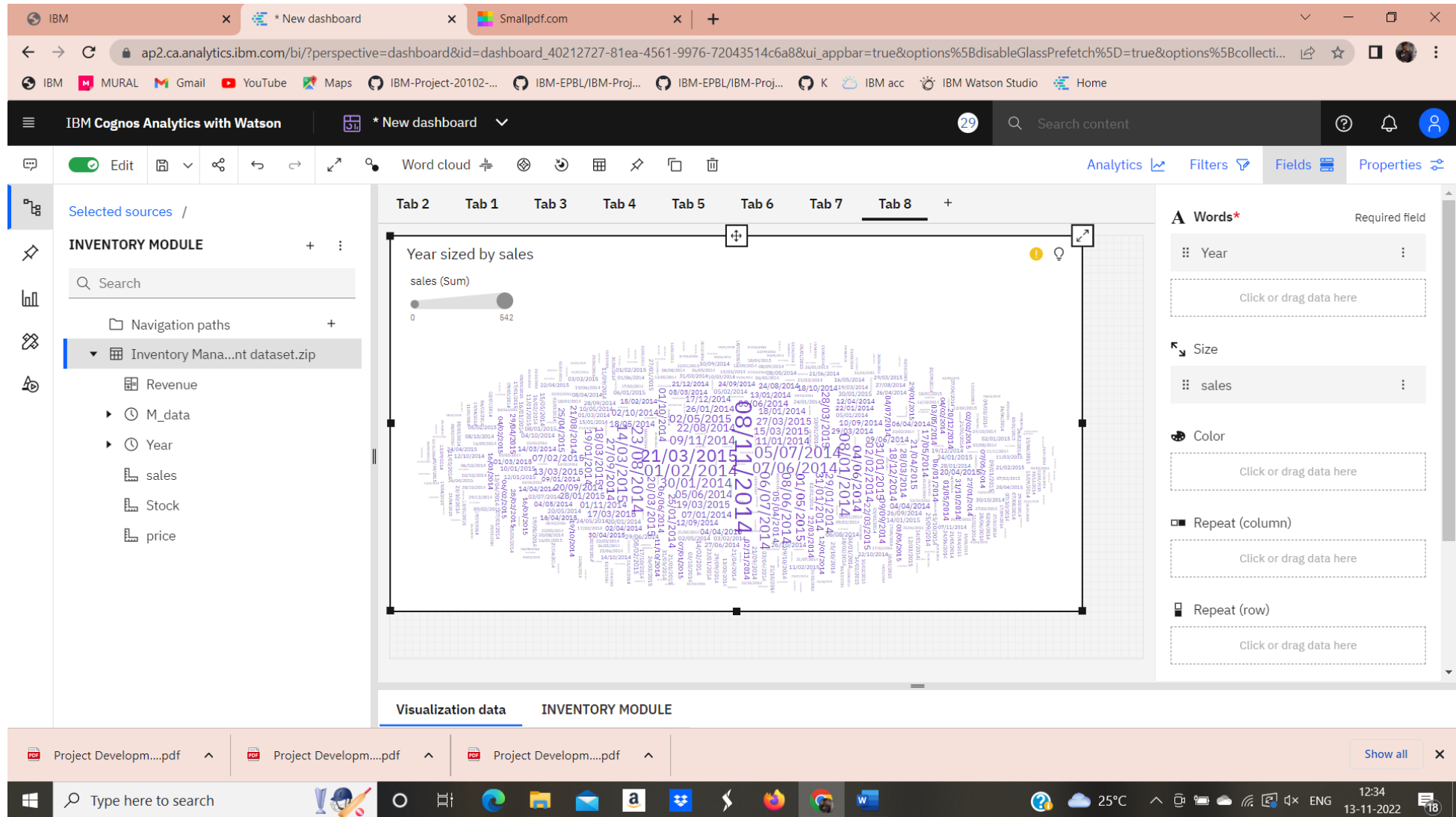
SALES TO PRICE WITH LINE WIDTH PRICE:



STOCK USERS:



YEAR SIZED BY SALES:



PREPARED DATA LINK :

https://ap2.ca.analytics.ibm.com/bi/?perspective=dashboard&pathRef=.my_folders%2Fsprint%2B2&action=view&mode=dashboard&subView=model000001846fcd66da_00000000