

# PROJECT DEVELOPMENT PHASE

## DELIVERY OF SPRINT-2

Team ID	PNT2022TMIDO6777
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->

# LOAD THE DATASET:

Tool used – IBM Cognos

The screenshot displays the IBM Cognos 'My content' interface. On the left is a vertical navigation bar with icons for search, folders, recent items, and a list view. The main area shows a list of content items under the heading 'My content'. A search bar is at the top of the list. Three items are listed: 'mock\_kaggle (3).csv' (11/11/2022, 3:14 AM), 'mock\_kaggle.csv' (10/11/2022, 11:20 AM), and 'Retail Store Stock Inventory Analytics' (10/11/2022, 11:50 AM). The third item is highlighted with a blue border. On the right, a 'Filter by' sidebar is visible, containing a 'Reset filters' link, a 'Type' section with checkboxes for Folders, Packages, Files, Data sets, and Modules, and a 'Modified' section with radio buttons for All, Today, Yesterday, Past week, and Past month.

My content

Type any text to filter items in this folder

- mock\_kaggle (3).csv  
11/11/2022, 3:14 AM
- mock\_kaggle.csv  
10/11/2022, 11:20 AM
- Retail Store Stock Inventory Analytics**  
10/11/2022, 11:50 AM

**Filter by**

[Reset filters](#)

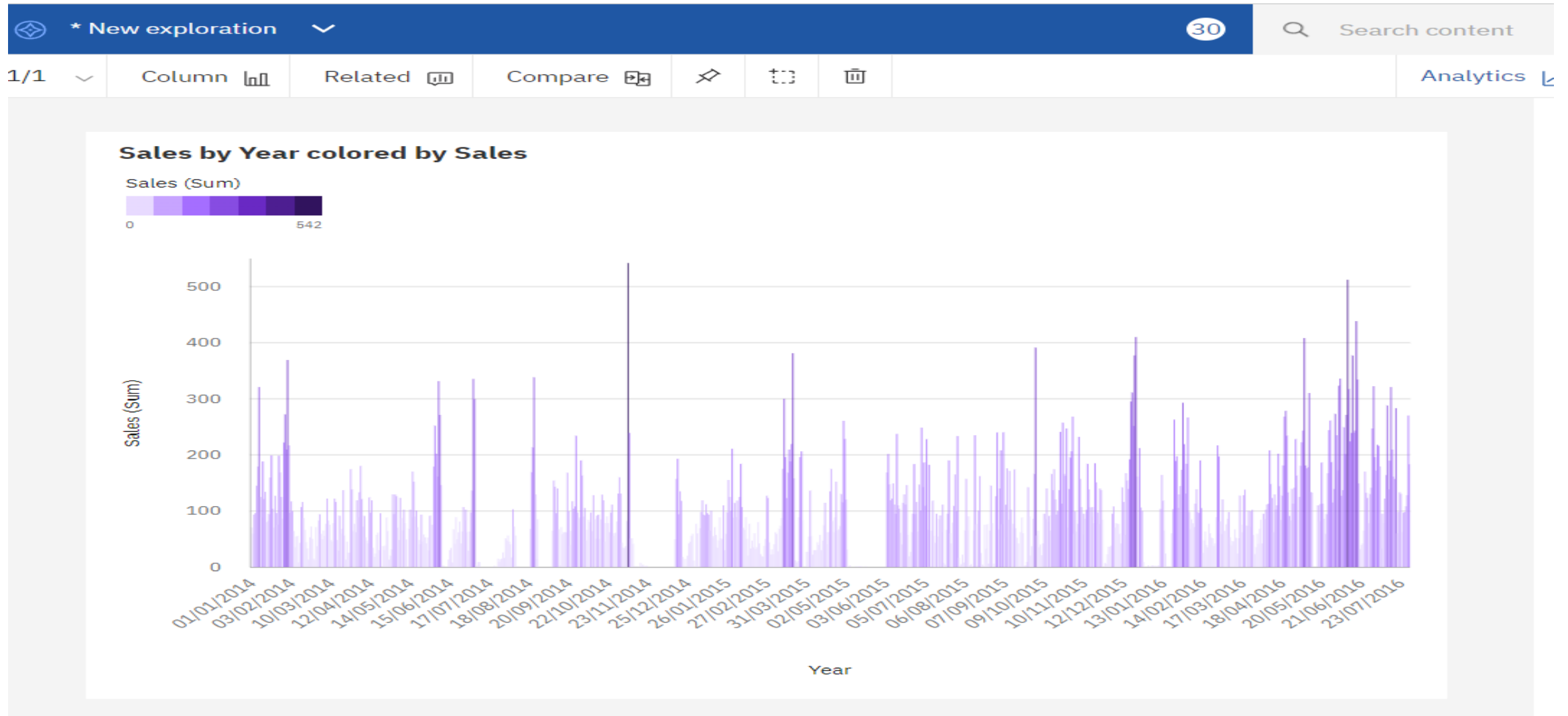
Type

- ☐ Folders
- ☐ Packages
- ☐ Files
- ☐ Data sets
- ☐ Modules

Modified

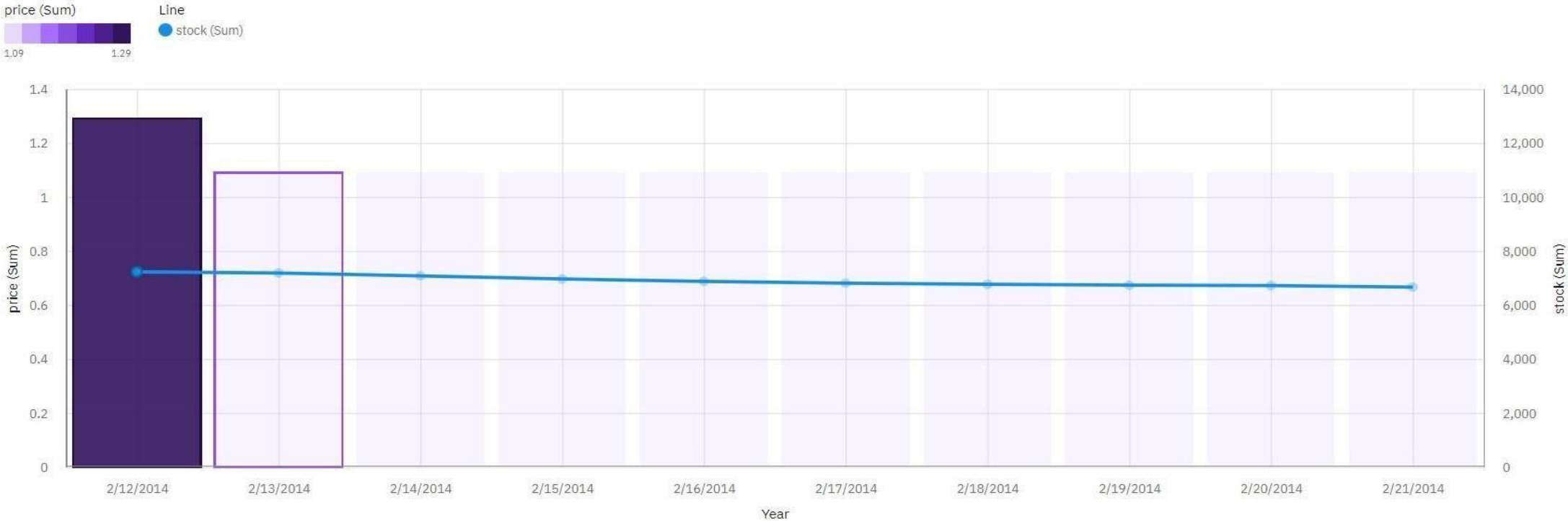
- ☒ All
- ☐ Today
- ☐ Yesterday
- ☐ Past week
- ☐ Past month

# SALES ANALYSIS:

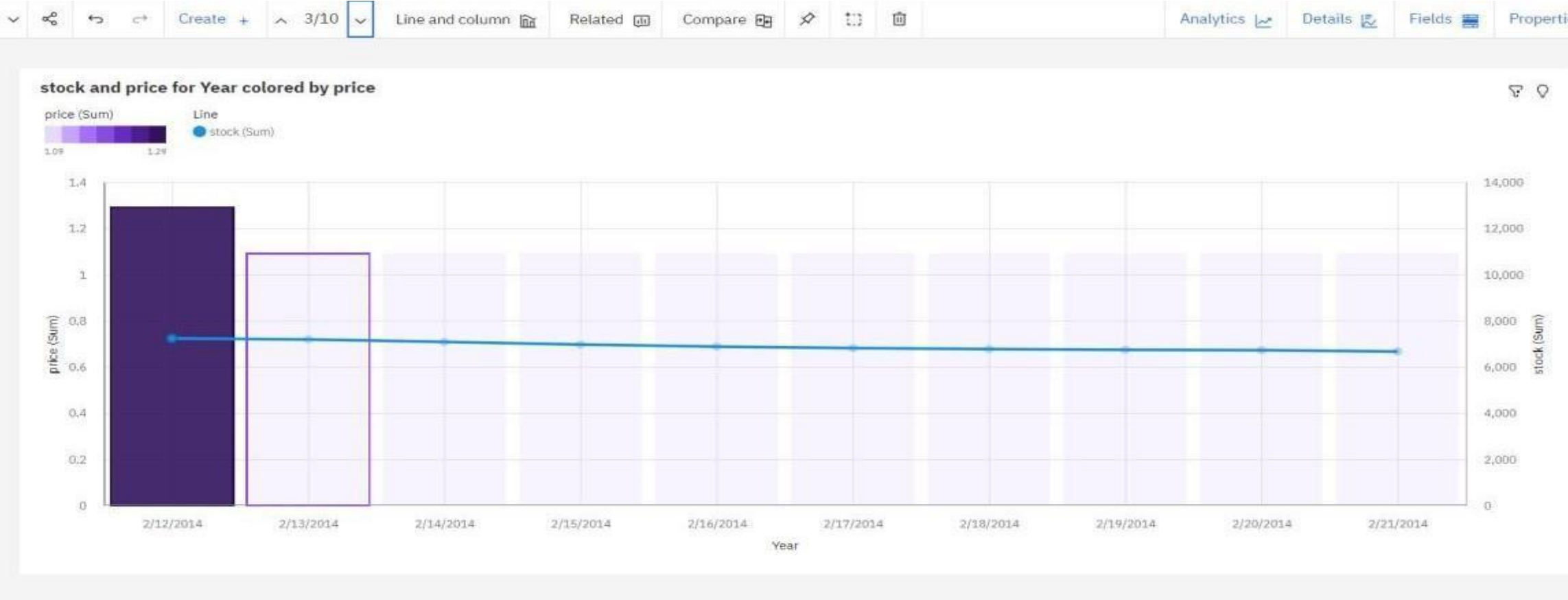


# PRICE ANALYSIS:

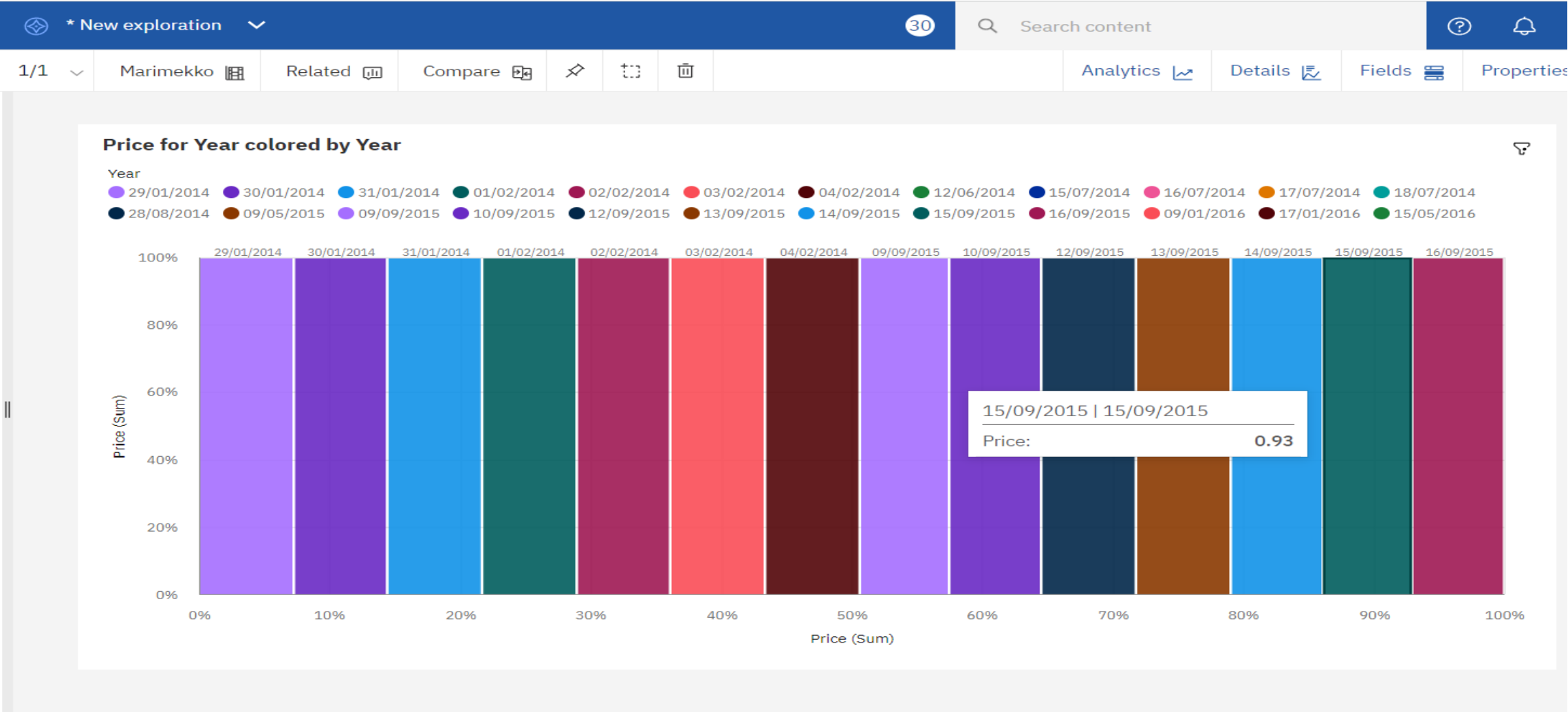
stock and price for Year colored by price



# STOCK AND PRICE FOR YEAR COLORED BY PRICE:

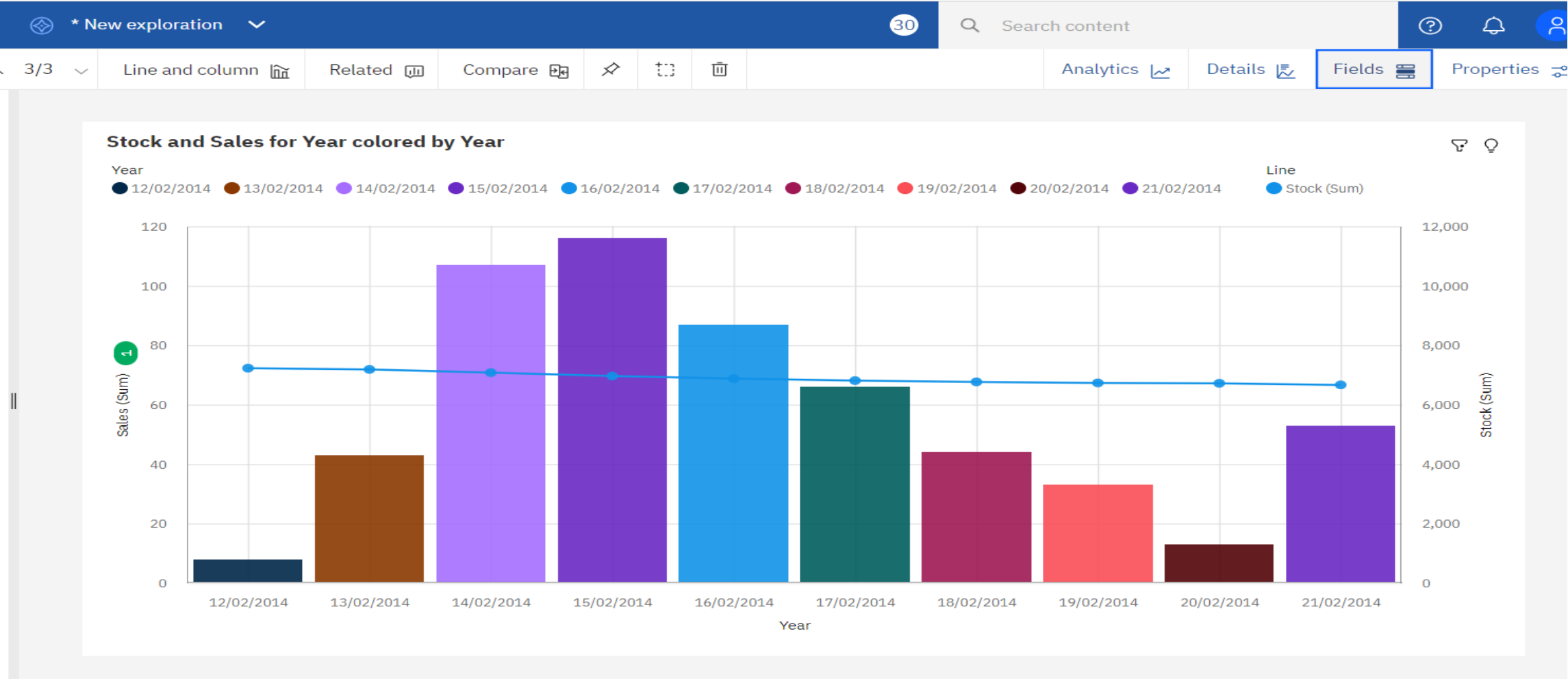


# PRICE FOR YEAR COLORED BY YEAR:





# STOCK AND SALES FOR YEAR COLORED BY YEAR:



# YEAR COLORED BY YEAR SIZED BY STOCK:



# STOCK TREE SUNBURST:

Create +

7/10

Decision tree

Related

Compare

Analytics

Details

Fields

Pro

stock

Tree sunburst

Tree diagram

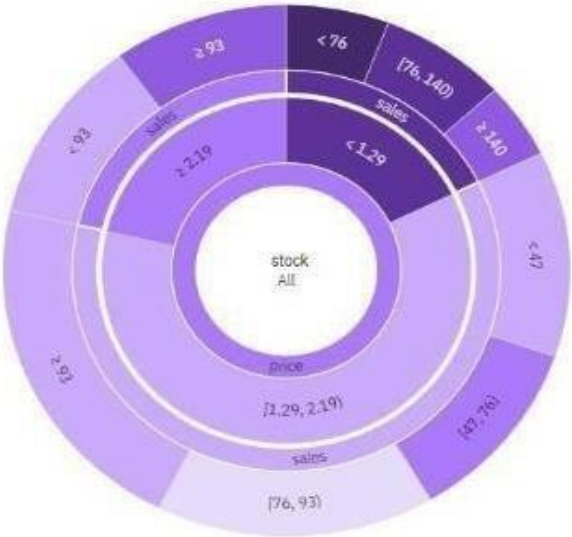
Rules

stock

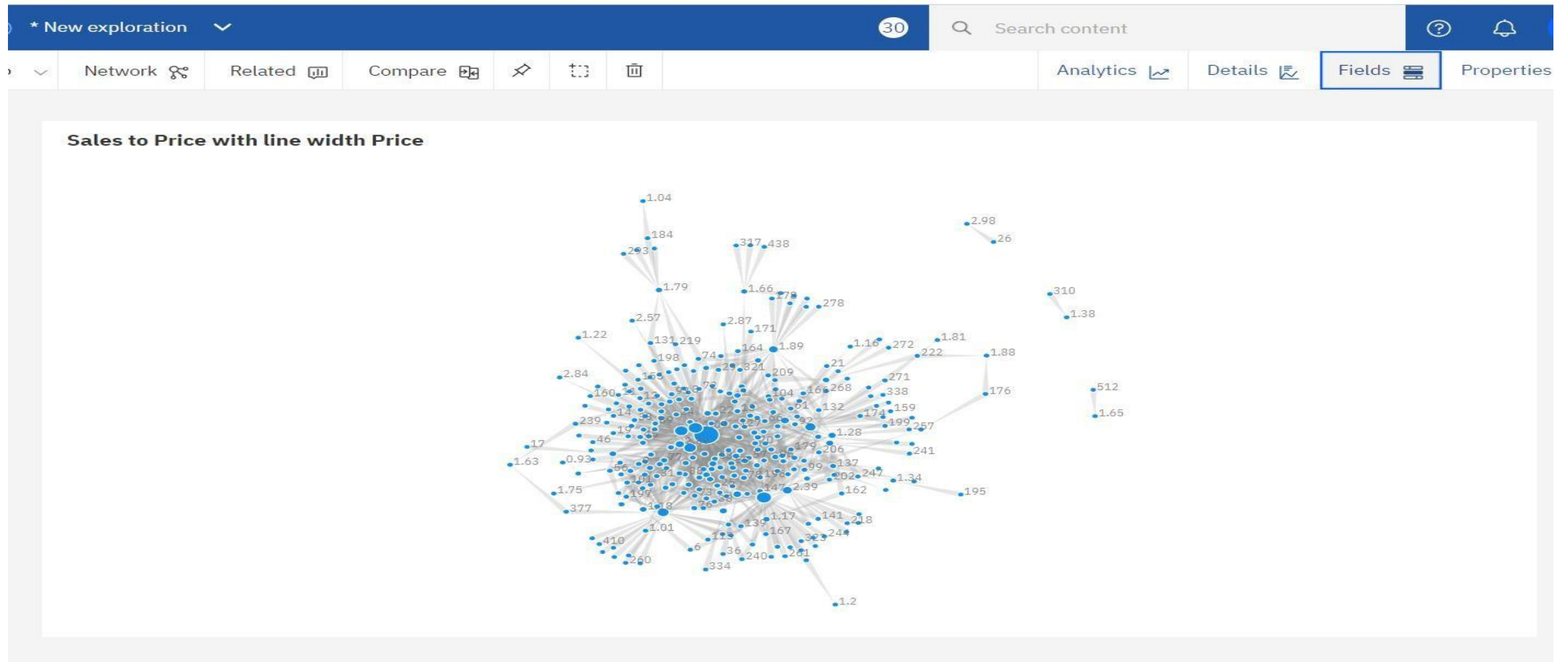
861.853,213.65

Nodes

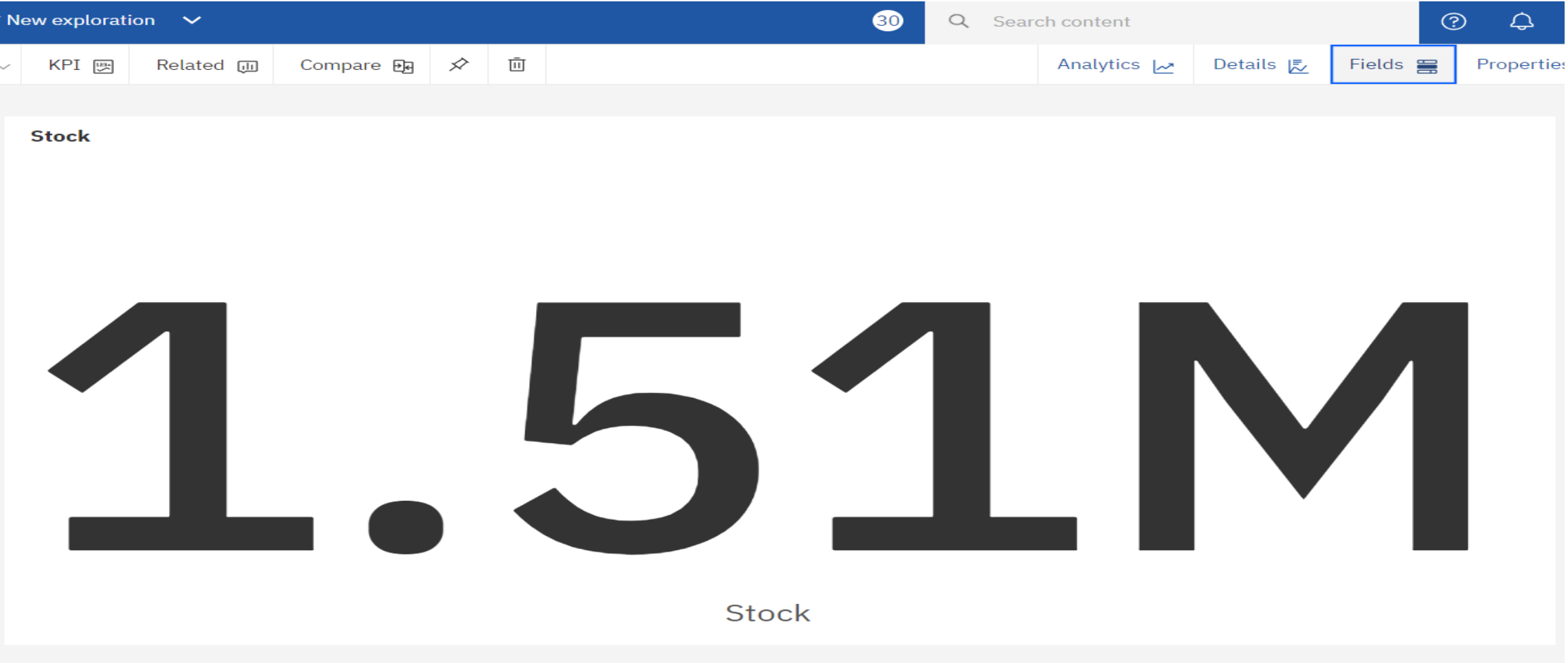
All



# SALES TO PRICE WITH LINE WIDTH PRICE:



# STOCK USERS:



# YEAR SIZED BY SALES:

