

**Project Development Phase**  
**Project Development - Delivery Of Sprint-2**

Date	5 November 2022
Team ID	PNT2022TMID06865
Project Name	Project - RETAIL STORE STOCK INVENTORY ANALYTICS

## 1. Visiting Cognos Homepage

The screenshot shows the IBM Cognos Analytics homepage in a web browser. The browser's address bar displays the URL `us1.ca.analytics.ibm.com/bi/?perspective=home`. The page features a dark navigation bar at the top with the text "IBM Cognos Analytics with Watson", a search bar, and user profile icons. Below the navigation bar, a "Quick launch" section contains four large, light-gray tiles, each with a blue icon and a title: "Upload data" (with an upload icon), "Prepare data" (with a data flow icon), "Exploration" (with a magnifying glass icon), and "Present data" (with a dashboard icon). Each tile includes a brief description of its function. Below the "Quick launch" section, there are two tabs: "Get started" (which is active) and "Recent". The "Get started" section is titled "Get up and running in IBM Cognos Analytics" and contains three sub-sections: "How-to videos" (with a description about learning to use the tool), "Accelerator Catalog" (with a description about browsing industry use cases), and "Learning resources" (with a description about expanding knowledge). The bottom of the page features a decorative banner with an illustration of people working on laptops.

My IBM Home

us1.ca.analytics.ibm.com/bi/?perspective=home

Guides/Projects Tools Media Google SADIQ WhatsApp Mobile WiFi Tutorials List - Javat... HTML Useful Links GOVERNMENT COL... Top 100 Codes » PR...

IBM Cognos Analytics with Watson 304 Search content

Quick launch

**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 explor...

**Present data**  
Create sophisticated, multi-page, multi-query dashboards, reports, or stori...

Get started Recent

Get up and running in IBM Cognos Analytics

**How-to videos**  
Learn how to use IBM Cognos Analytics and start gaining insights into your data.

**Accelerator Catalog**  
Browse a growing catalog of industry use, best practice guides, custom

**Learning resources**  
Expand your knowledge and get assistance by connecting with the

## 2. Opening prompt for Data Exploration and selecting the inventory module

The screenshot shows the IBM Cognos Analytics web interface. The browser address bar displays `us1.ca.analytics.ibm.com/bi/?perspective=home`. The left sidebar contains navigation options: 'Quick launch', 'Upload data' (with instructions to upload spreadsheets, CSV files, or other data sources), 'Get started', 'Get up and running', and 'How-to videos'. The main area is titled 'Add a data source to explore' and features two tabs: 'My content' (selected) and 'Team content'. Below the tabs is a table listing available data sources. The table has columns for 'Name', 'Type', and 'Last Accessed'. The 'Inventory module' is highlighted, indicating it is the selected data source. At the bottom of the dialog, there are 'Cancel' and 'Add' buttons.

Name	Type	Last Accessed
50_Startups.csv CSV	Uploaded file	9/19/2022, 12:39 PM
50-startup.csv CSV	Uploaded file	9/19/2022, 5:10 AM
Inventory module	Data module	11/19/2022, 1:04 AM
Inventory_Management_Dataset.csv CSV	Uploaded file	11/18/2022, 5:39 PM
Pharma_Monthly_Sales.csv CSV	Uploaded file	9/21/2022, 10:36 AM

### 3. Data Exploration Homepage

The screenshot shows the IBM Cognos Analytics with Watson Inventory Exploration homepage. The browser address bar displays the URL: `us1.ca.analytics.ibm.com/bi/?perspective=explore&id=i6DBCA1F3515544B3AAD4A70B13C66C84&options%5BdisableGlassPrefetch%5D=true&options%5Bco...`. The page header includes the IBM Cognos Analytics with Watson logo, the title "Inventory Exploration", a user profile icon, and a search bar. The main content area is titled "Select a starting point" and includes a "Skip" button. Below the title, there is a text prompt: "Every exploration includes a data relationships card." and a search bar with the placeholder text "Enter data column. Not sure? Try price, sales". At the bottom, there are four buttons labeled "price", "sales", "stock", and "Revenue". On the left side, there is a sidebar with a "Cards" section containing a "Data relationships" card with a diagram of a central node connected to four peripheral nodes.

My IBM x Inventory Exploration x +

us1.ca.analytics.ibm.com/bi/?perspective=explore&id=i6DBCA1F3515544B3AAD4A70B13C66C84&options%5BdisableGlassPrefetch%5D=true&options%5Bco...

Guides/Projects Tools Media Google SADIQ WhatsApp Mobile WiFi Tutorials List - Javat... HTML Useful Links GOVERNMENT COL... Top 100 Codes » PR...

IBM Cognos Analytics with Watson Inventory Exploration 304 Search content

Cards

Data relationships

Select a starting point

Skip

Every exploration includes a data relationships card.

Start with any column. You can always change it later.

Enter data column. Not sure? Try price, sales

Try starting with one of these...

price sales stock Revenue

#### 4. Creating cards for data visualisation

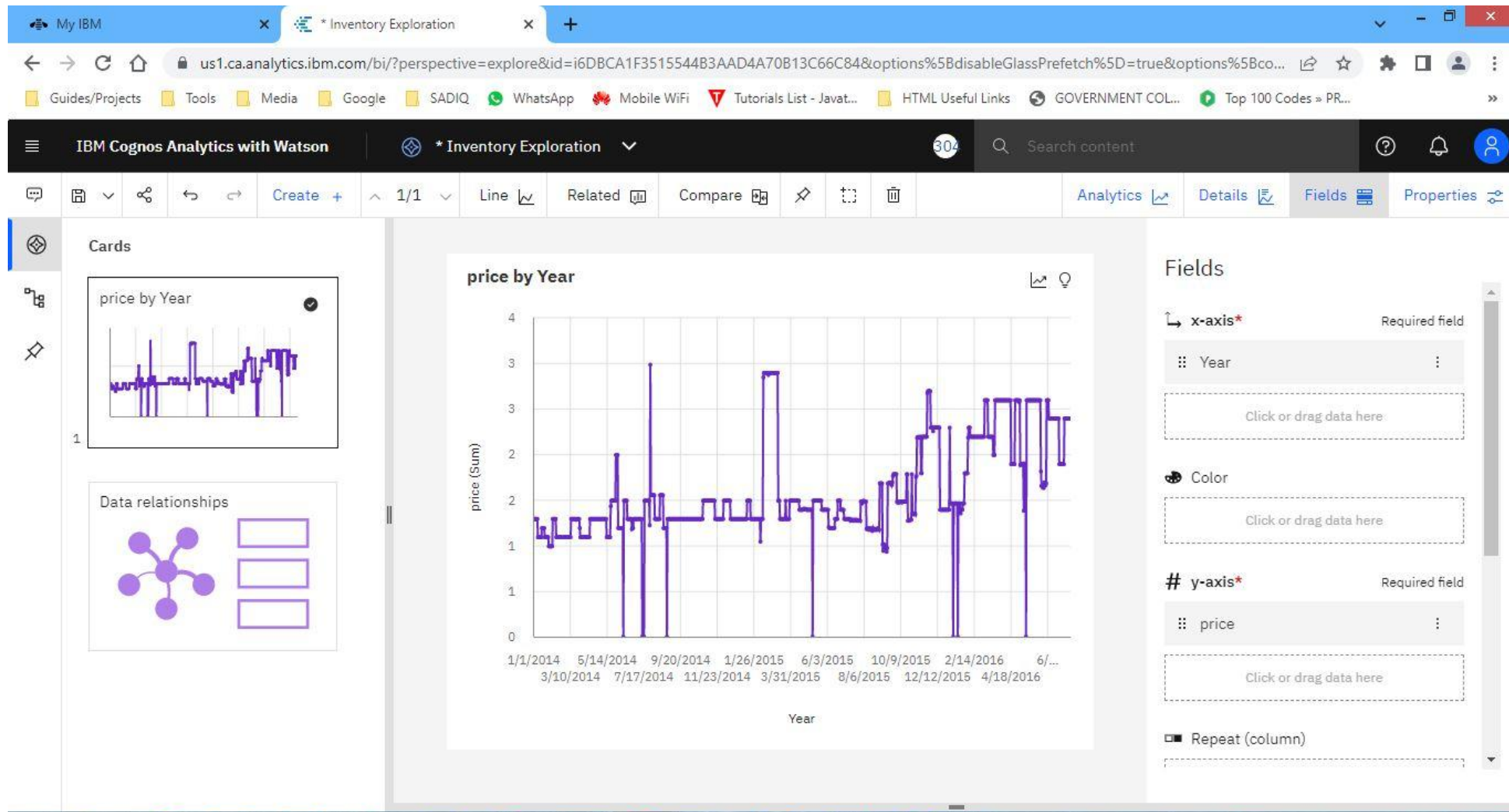
The screenshot shows the IBM Cognos Analytics web interface. The browser tabs include 'My IBM' and 'Inventory Exploration'. The address bar shows the URL: [us1.ca.analytics.ibm.com/bi/?perspective=explore&id=i6DBCA1F3515544B3AAD4A70B13C66C84&options%5BdisableGlassPrefetch%5D=true&options%5Bco...](https://us1.ca.analytics.ibm.com/bi/?perspective=explore&id=i6DBCA1F3515544B3AAD4A70B13C66C84&options%5BdisableGlassPrefetch%5D=true&options%5Bco...). The top navigation bar includes 'IBM Cognos Analytics with Watson' and 'Inventory Exploration'. A 'Create +' button is highlighted in the top toolbar. A 'Cards' panel on the left shows a 'Data relationships' card with a purple network diagram. A 'Select a card' dialog is open, showing two options: 'Single visualization' (a single dashed box) and 'Compare visualization' (two side-by-side dashed boxes). The main workspace area is titled 'Starting point' and contains a 'Skip' button. Below the 'Starting point' title, there is a text input field with the placeholder 'ese...' and two buttons labeled 'stock' and 'Revenue'.

## 5. Selecting the type of visualisation

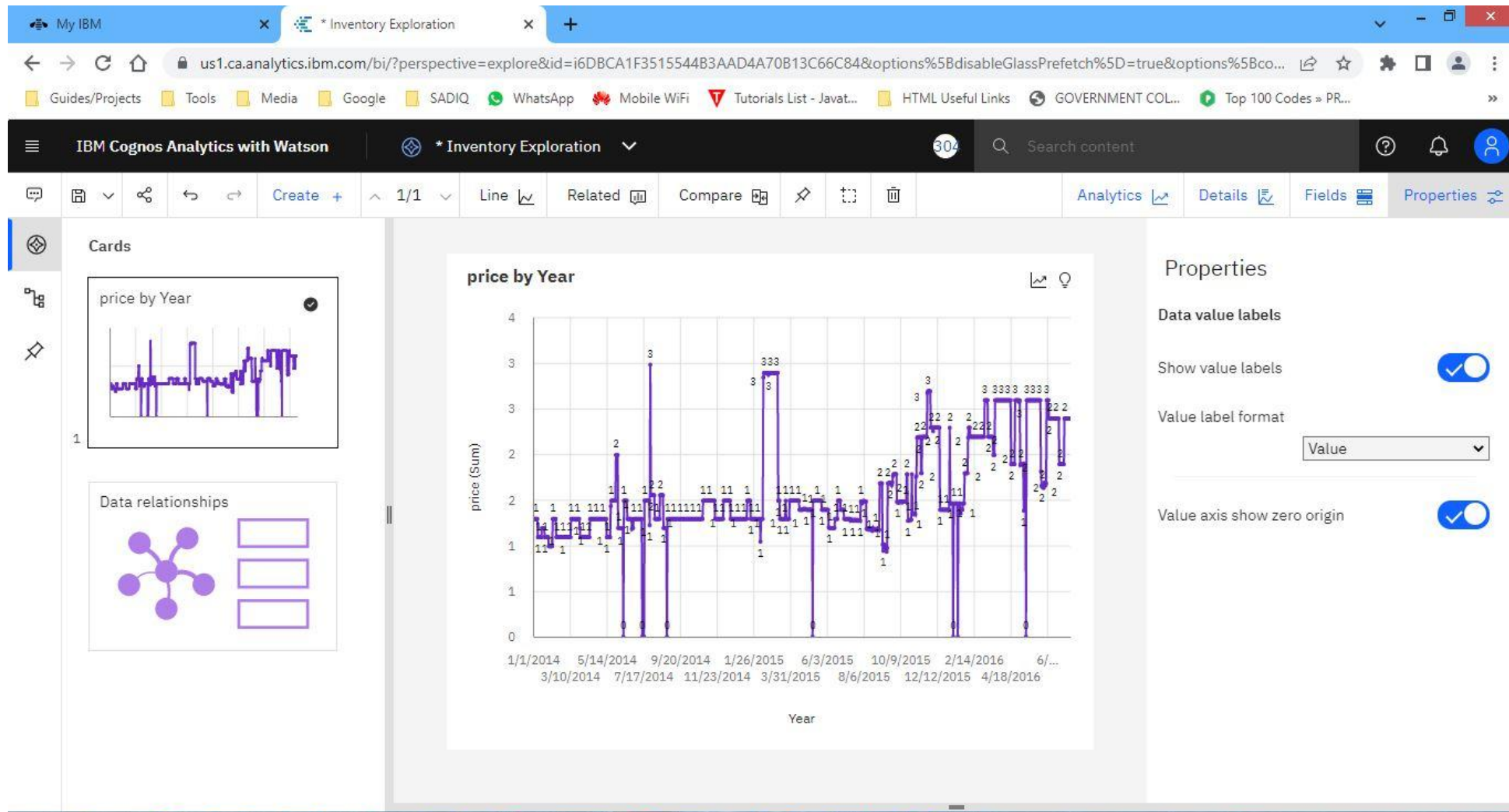
The screenshot displays the IBM Cognos Analytics web application interface. The browser address bar shows the URL: `us1.ca.analytics.ibm.com/bi/?perspective=explore&id=i6DBCA1F3515544B3AAD4A70B13C66C84&options%5BdisableGlassPrefetch%5D=true&options%5Bco...`. The application header includes the IBM Cognos Analytics with Watson logo, the current workspace name '\* Inventory Exploration', a search bar, and user profile information. The main interface is divided into a left sidebar and a central workspace. The sidebar contains a 'Cards' section with a dashed box for a new card and a 'Data relationships' section showing a network diagram. The central workspace displays a 'Choose visualization type' dialog with a close button (X) in the top right corner. The dialog is organized into categories: 'Comparison' (Bar, Bullet, Column, Heat map, Line and column, Marimekko, Radar, Radial, Stacked bar, Stacked column), 'Word cloud', 'Parts to whole' (Hierarchy bubble, Packed bubble, Pie, Tree map), and 'Trend'. The 'Comparison' category is currently selected, and the 'Bar' visualization type is highlighted.



## 6. “Price by Year” Line Graph

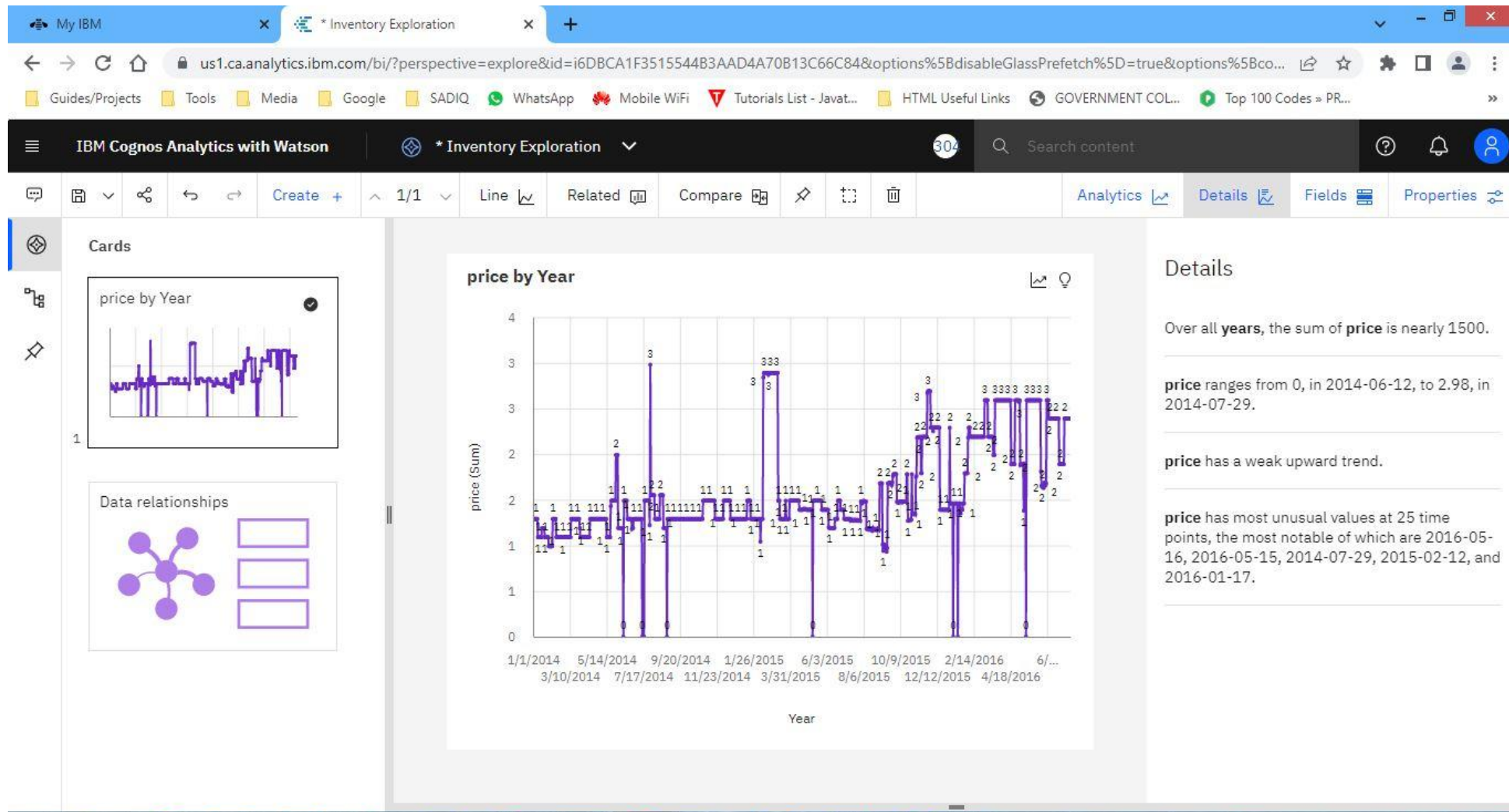


## 7. “Price by Year” Line Graph with label values

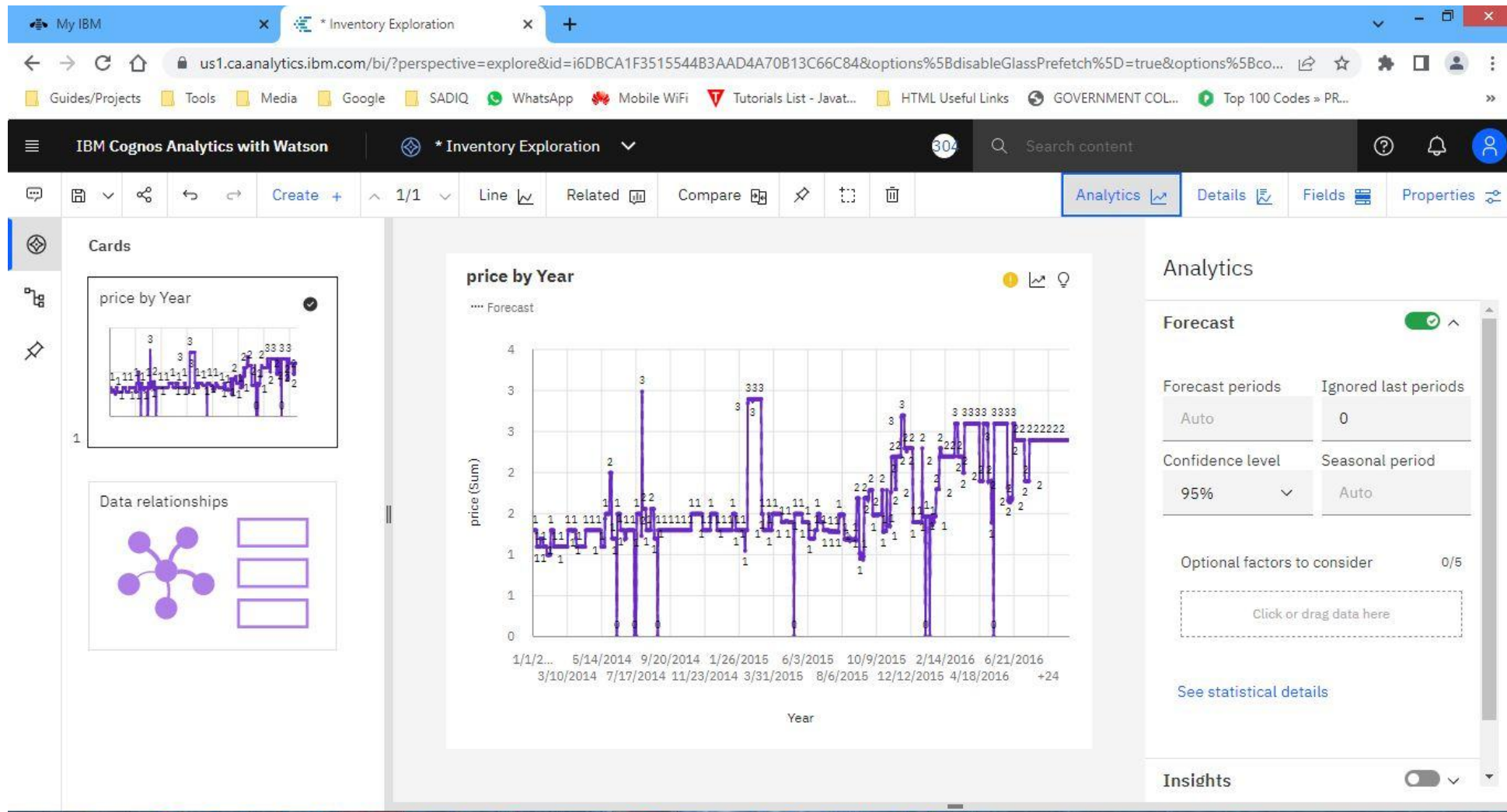




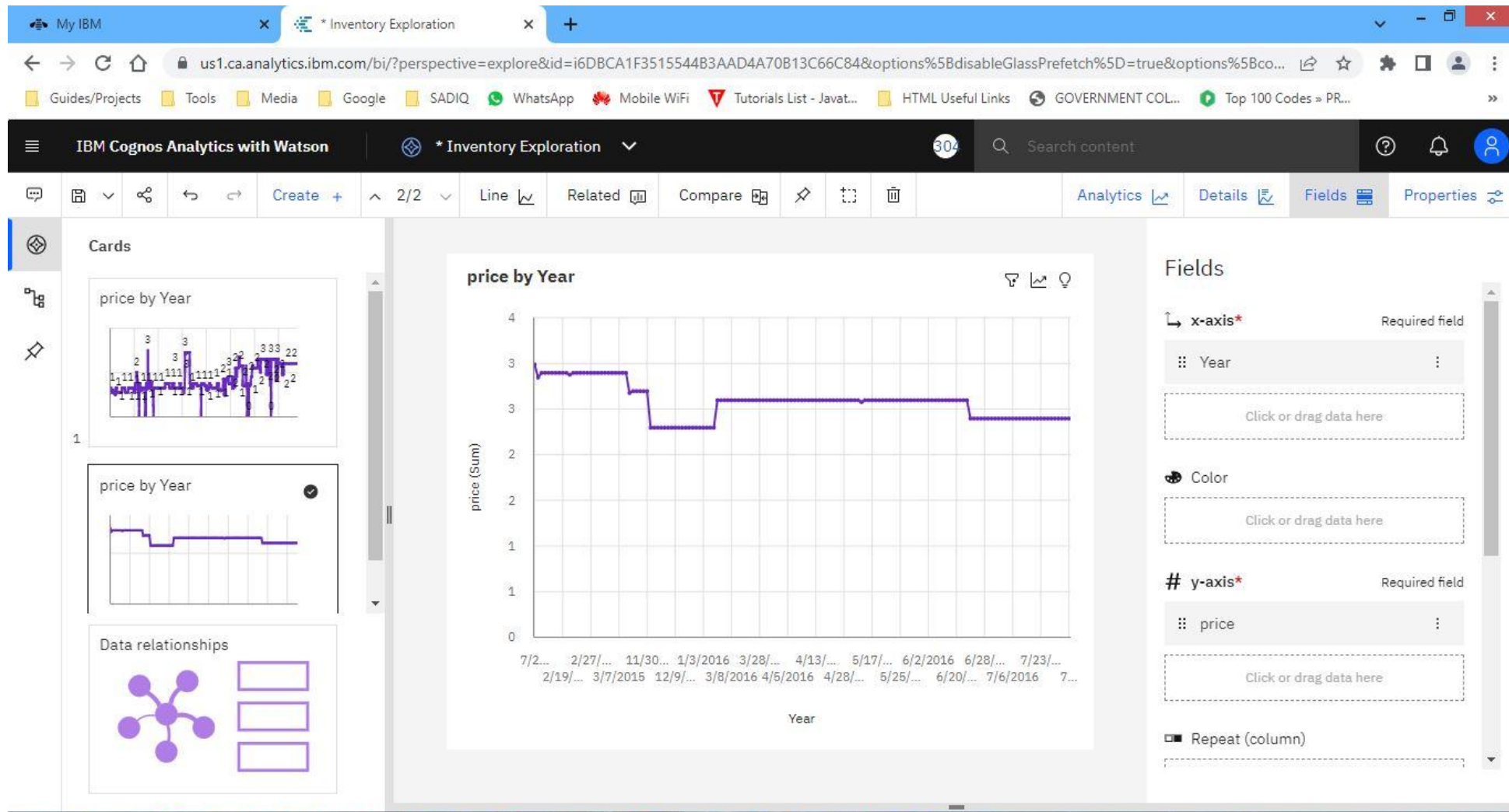
## 8. “Price by Year” Line Graph with details of the visualisation



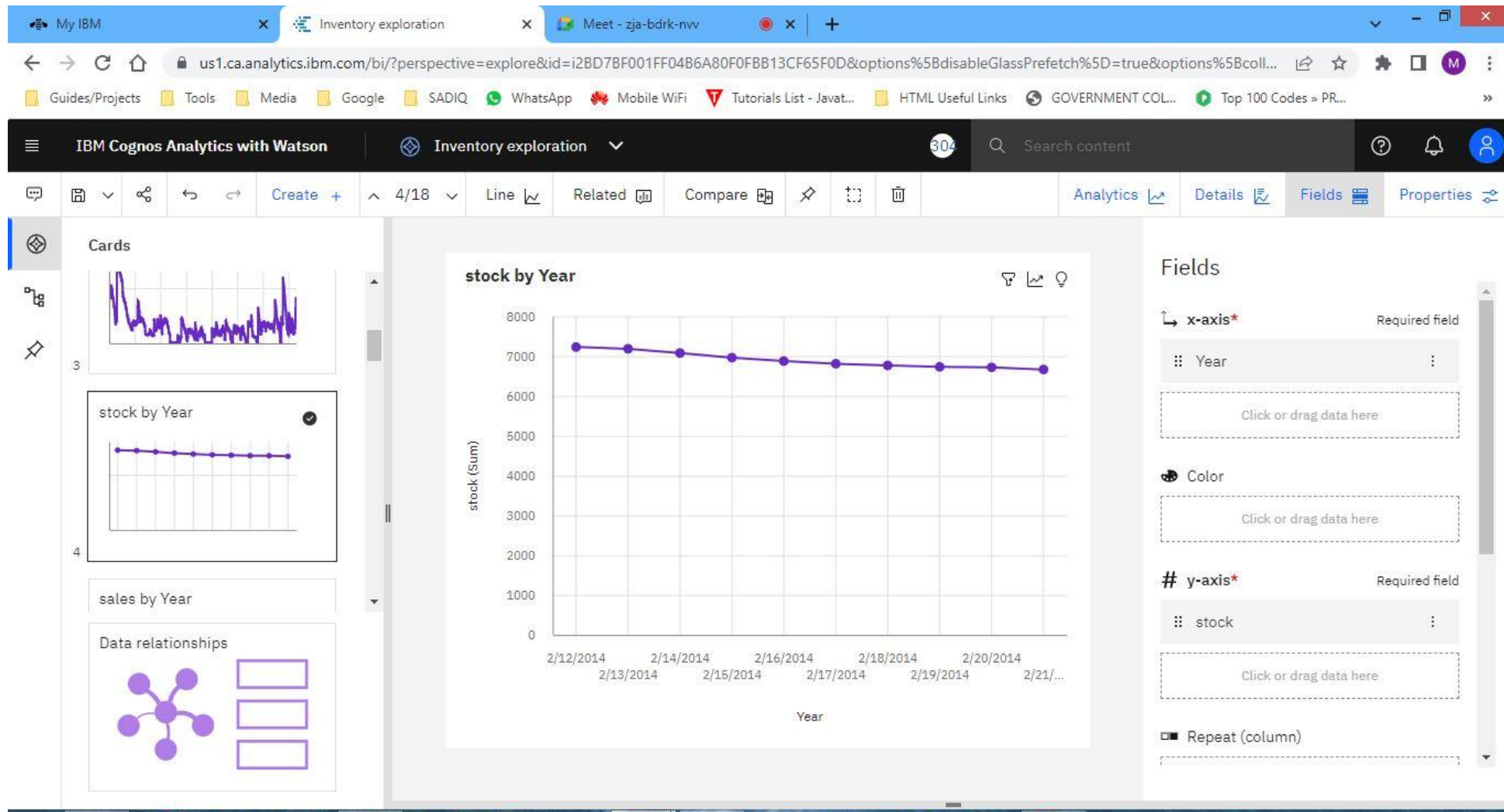
## 9. "Price by Year" Line Graph with forecasting



## 10. "Price by Year" Line Graph top 10 details

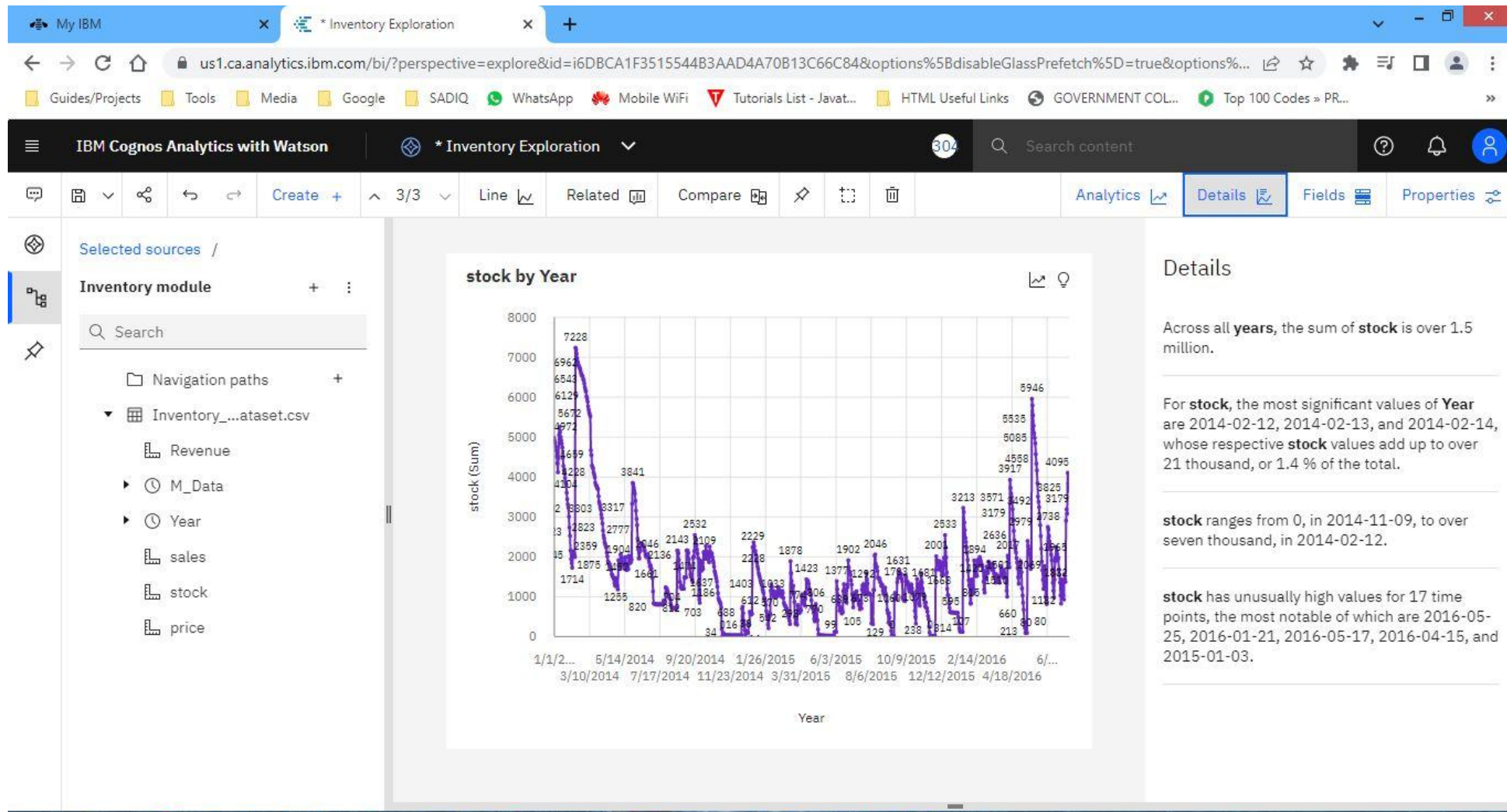


## 11. "Stock by Year" Line Graph

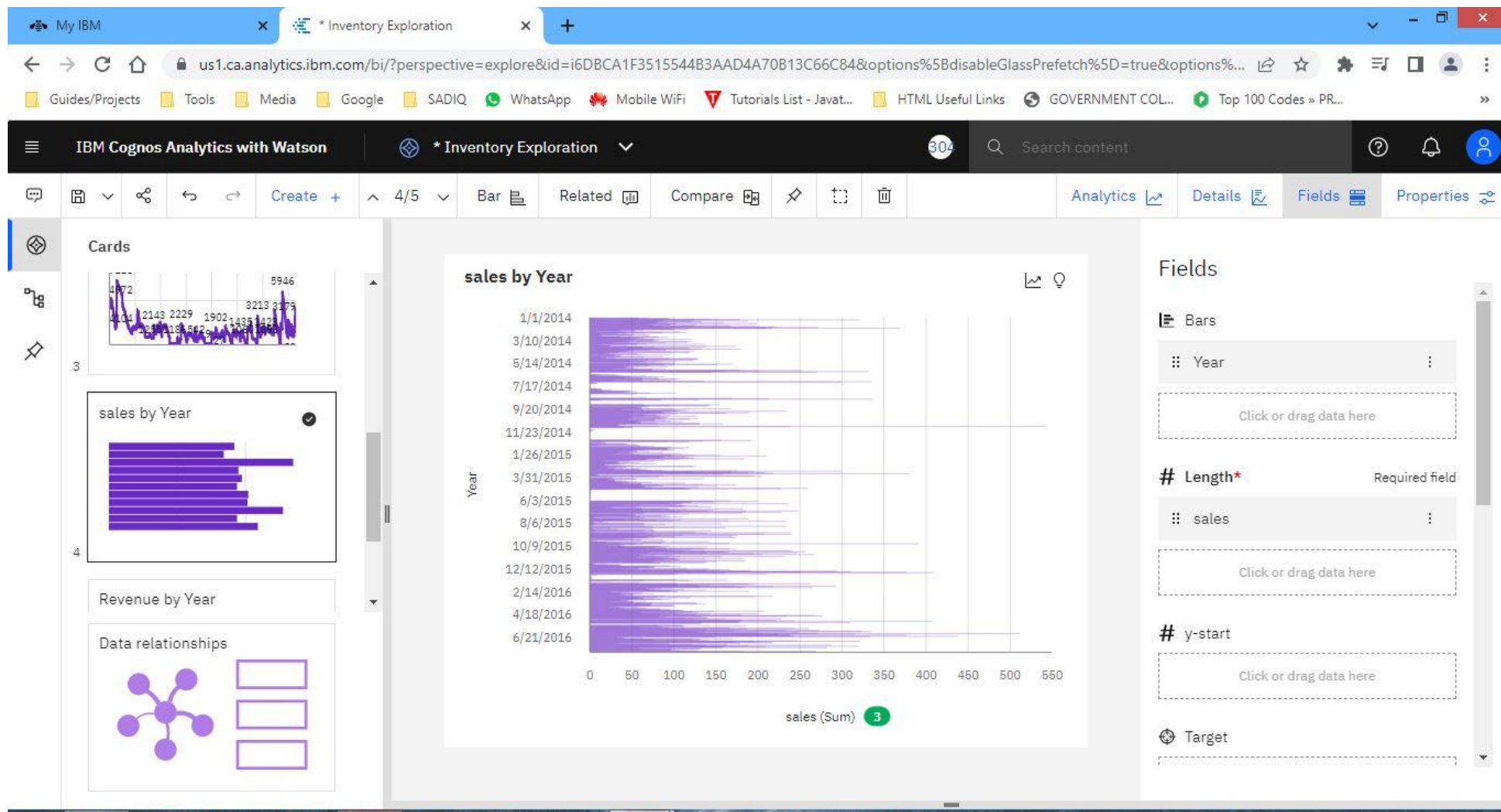




## 12. “Stock by Year” Line Graph top 10 details

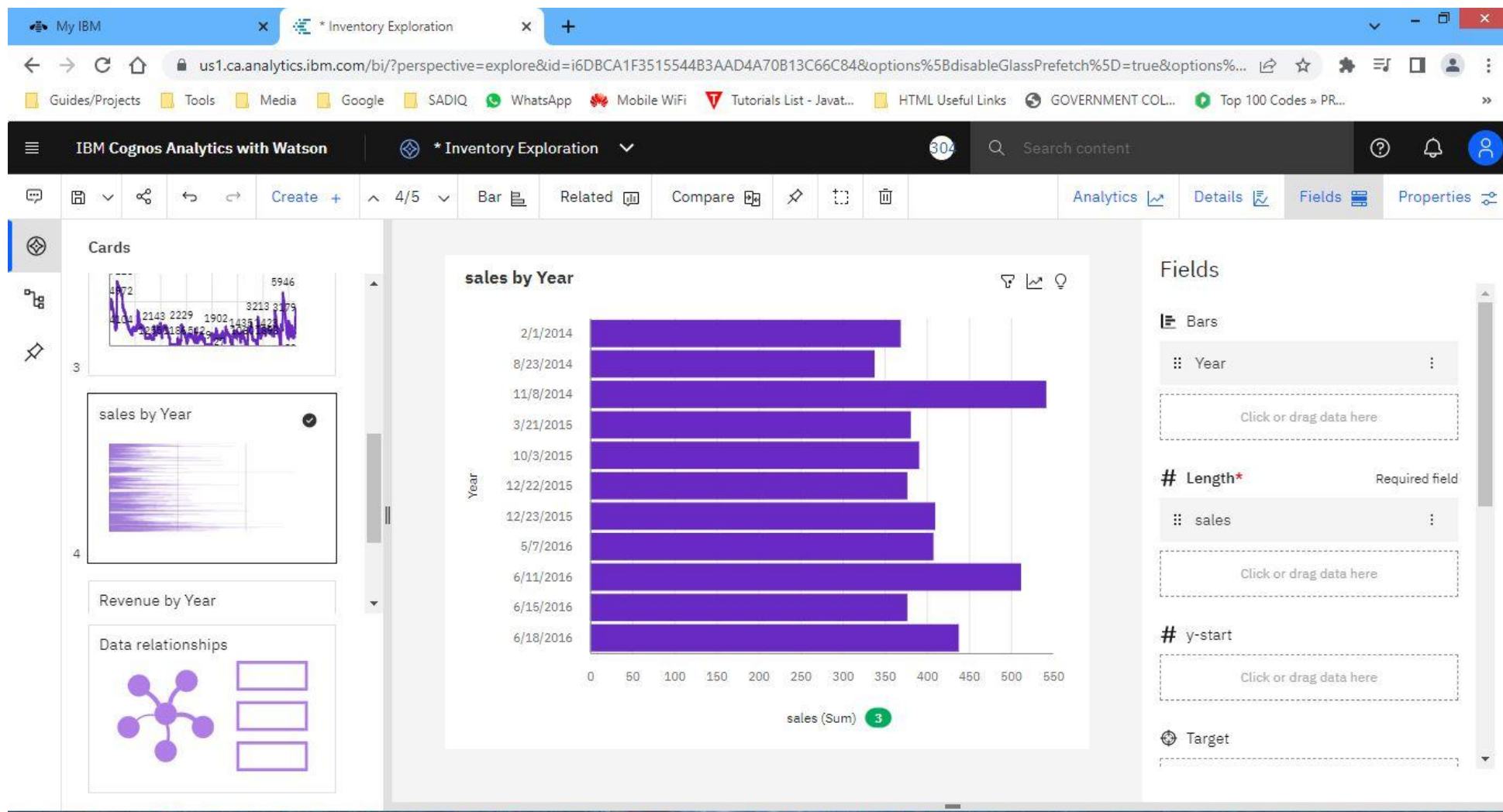


### 13. "Sales by Year" Bars

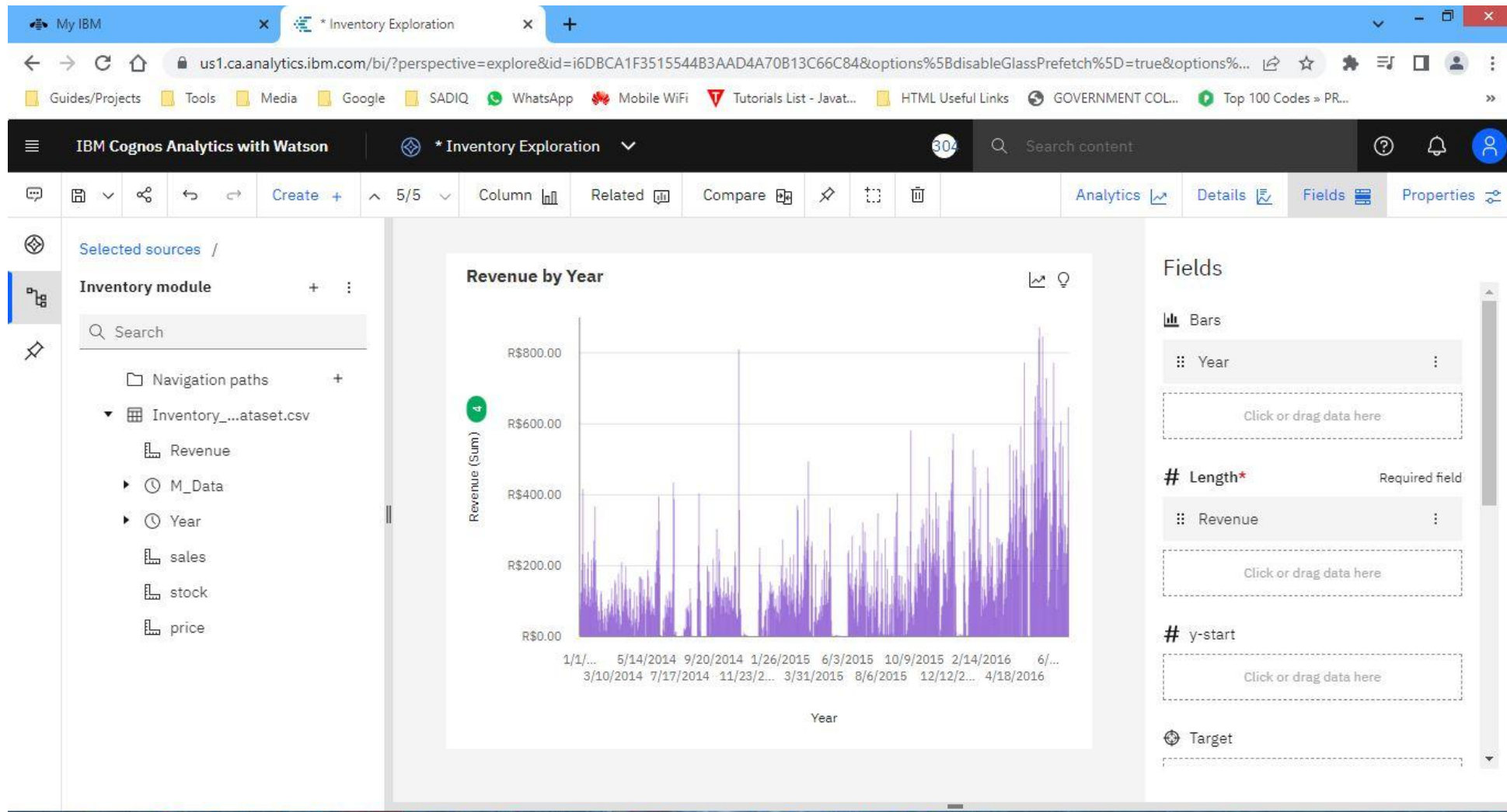




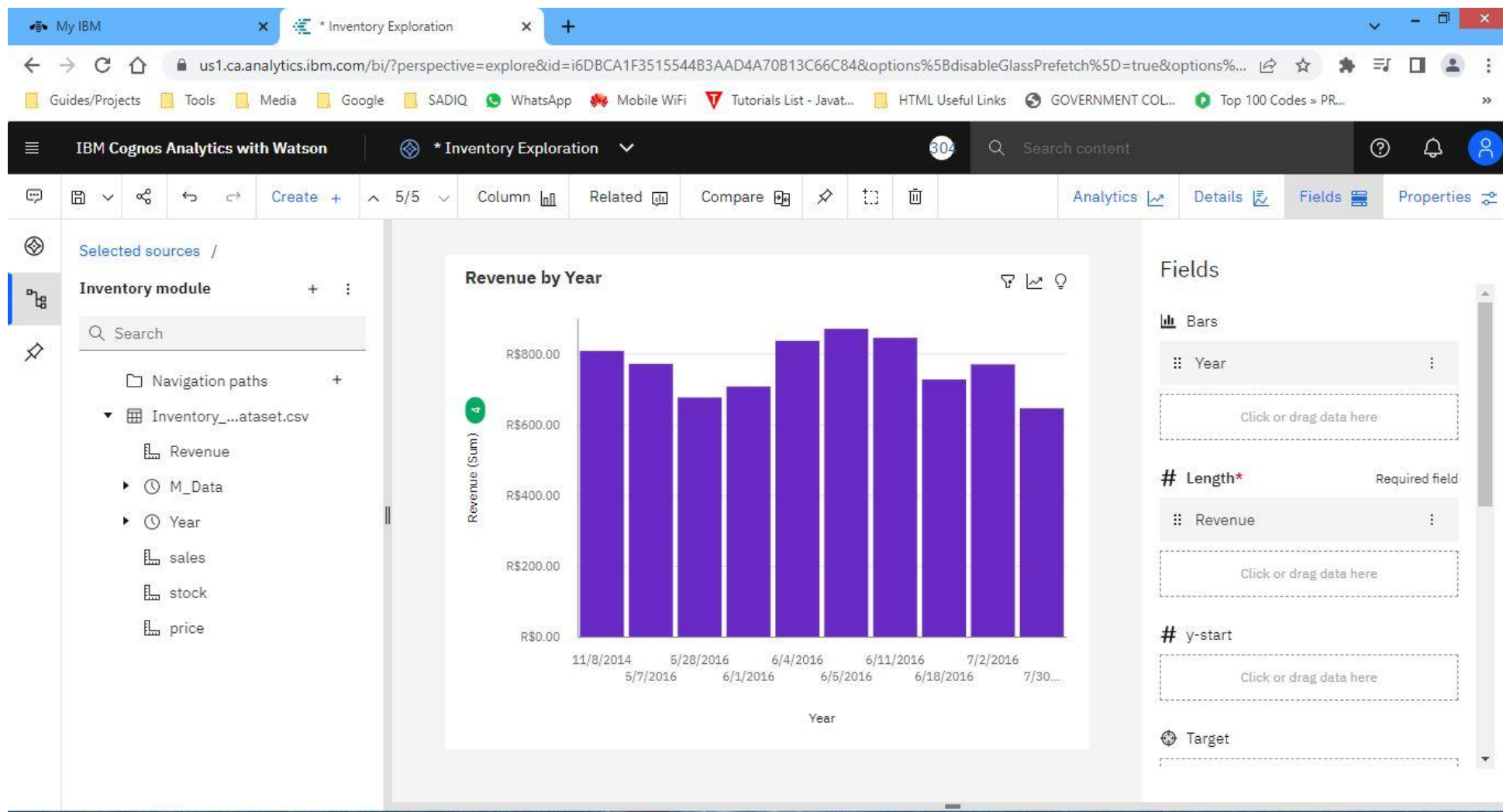
#### 14. "Sales by Year" Bars 10 details



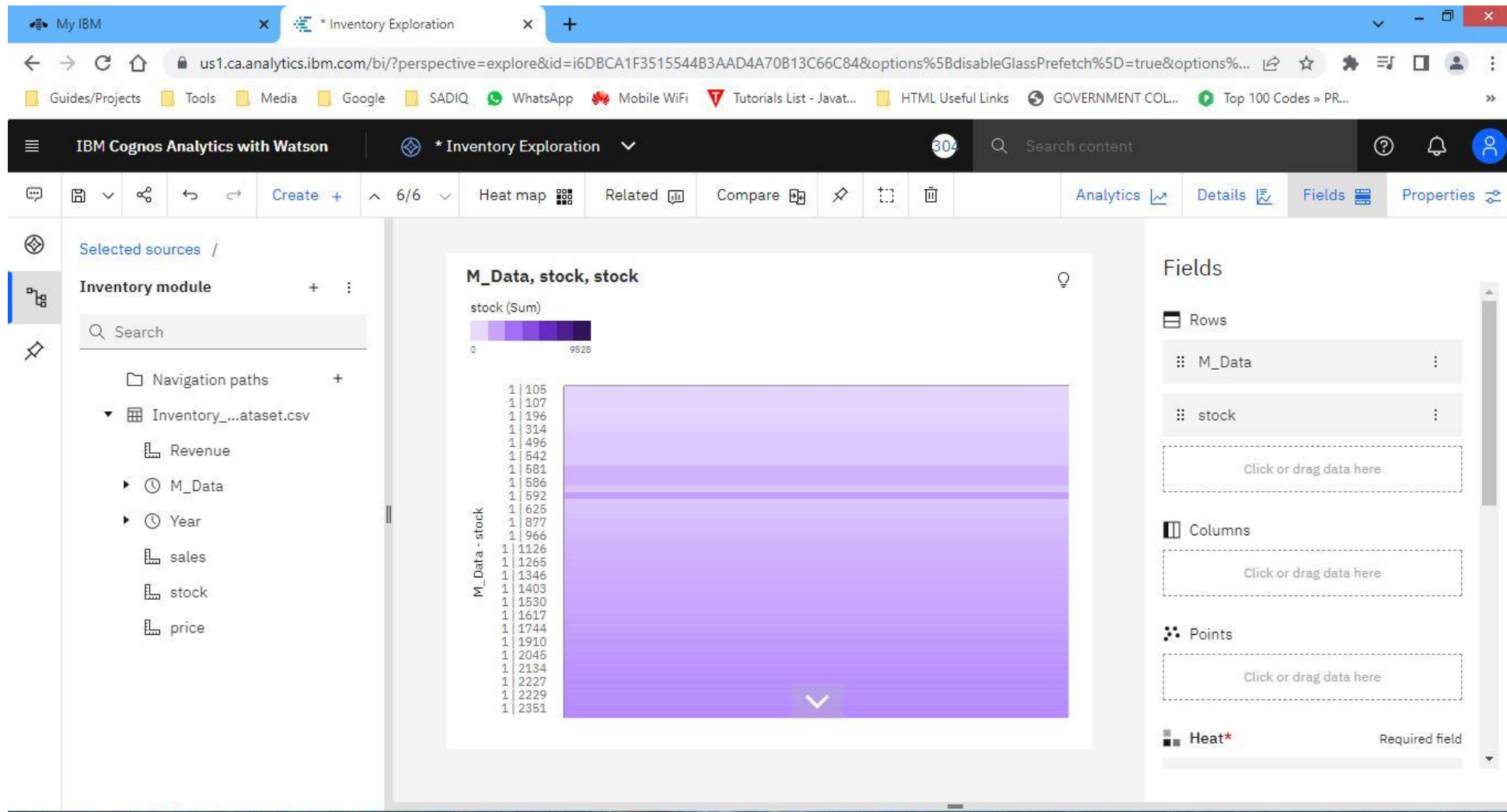
## 15. “Revenue by Year” Columns



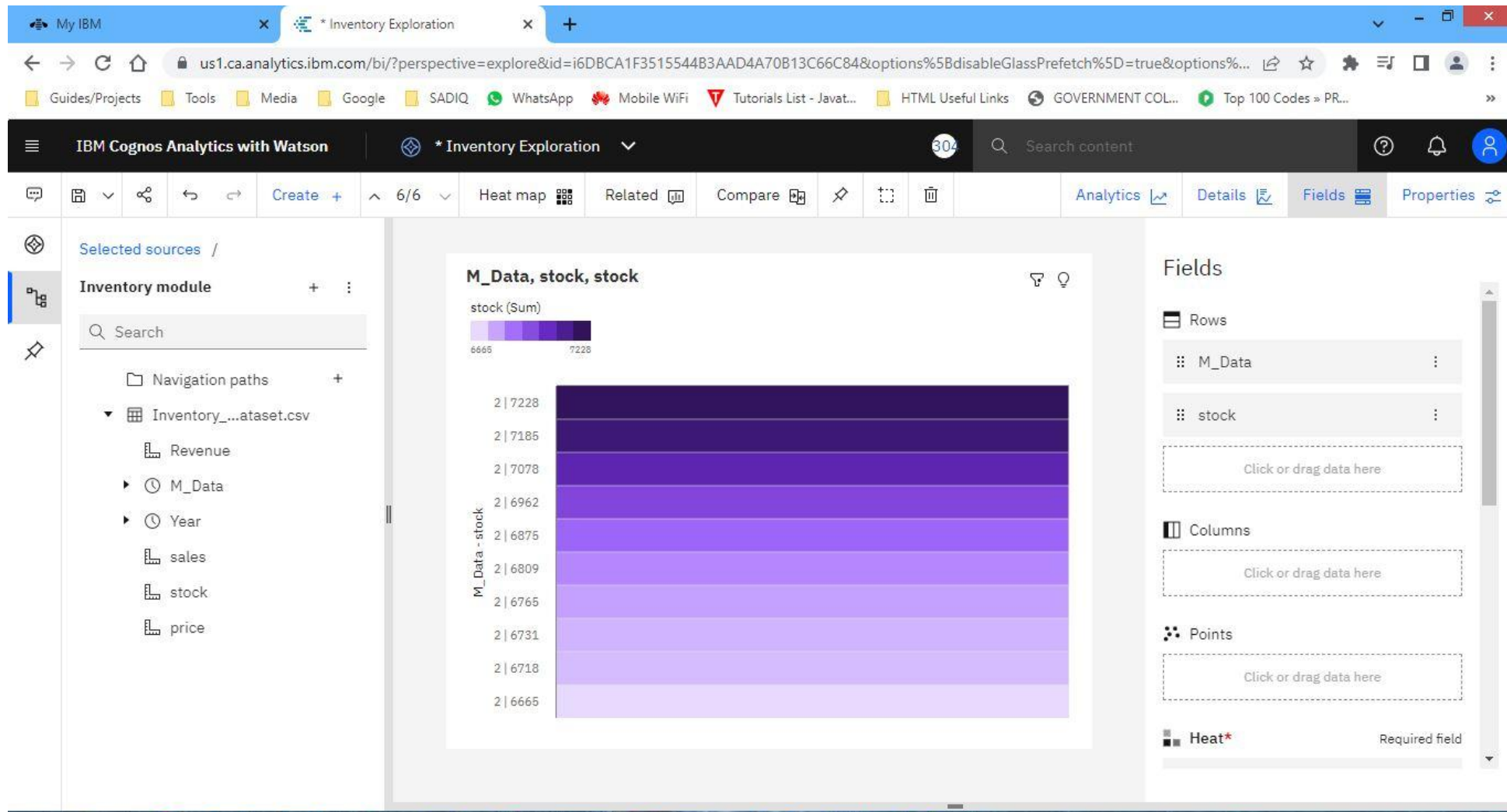
## 16. "Revenue by Year" Columns top 10 details



## 17. “M\_Data, Stock, Stock” Heat map

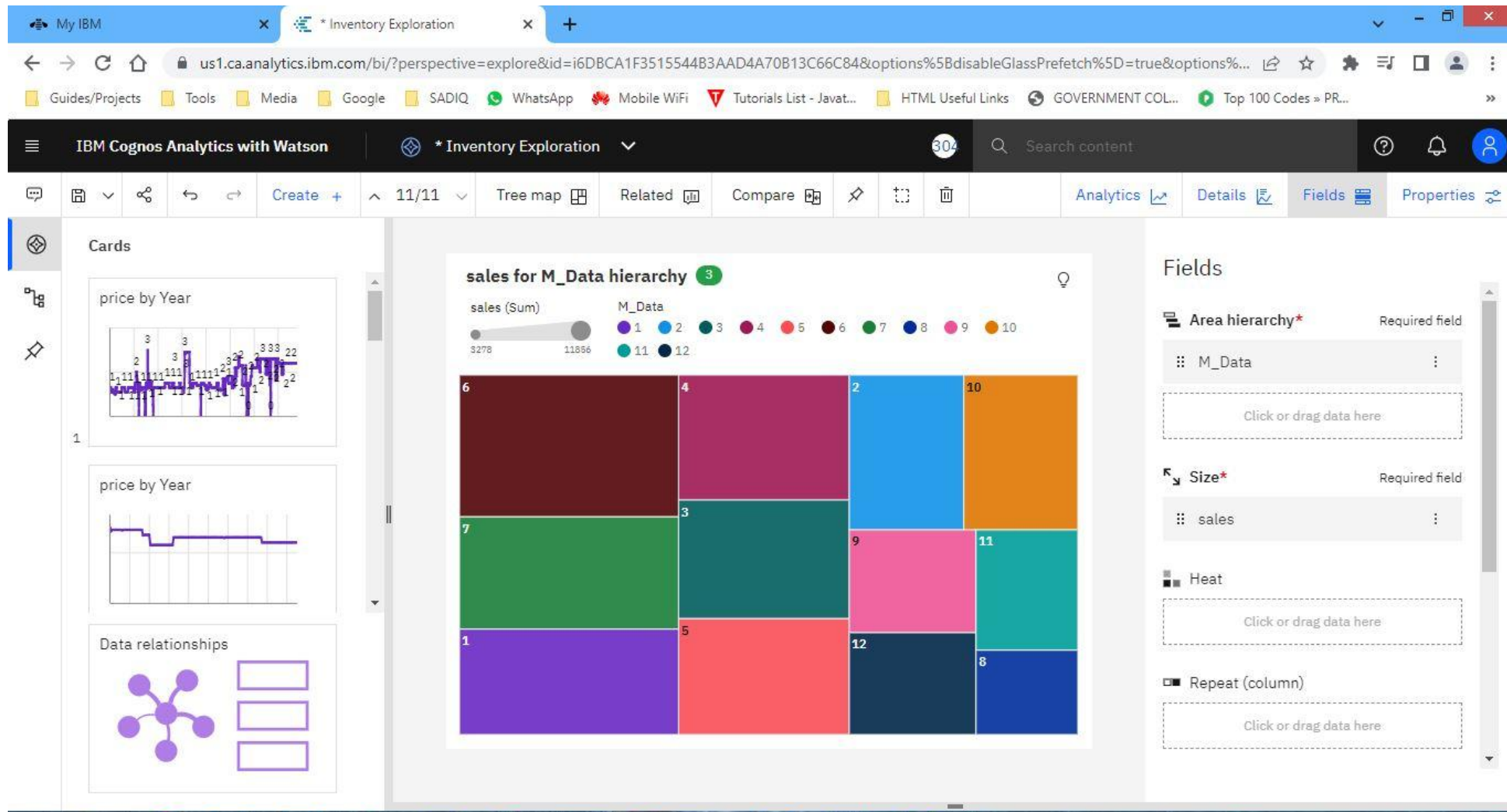


## 18. “M\_Data, Stock, Stock” Heat map top 10 details



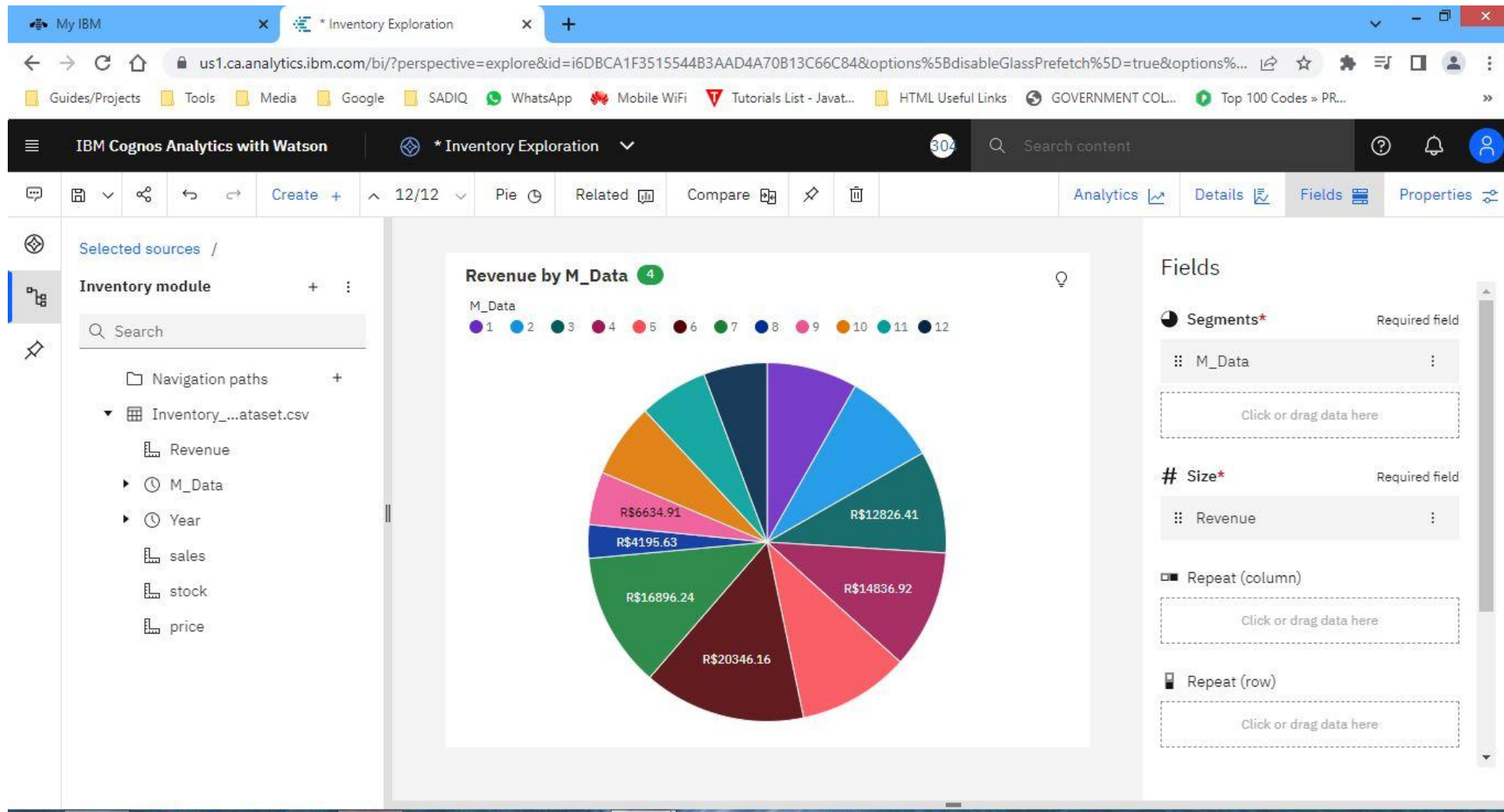


## 19. "Sales by M\_Data hierarchy" Tree map

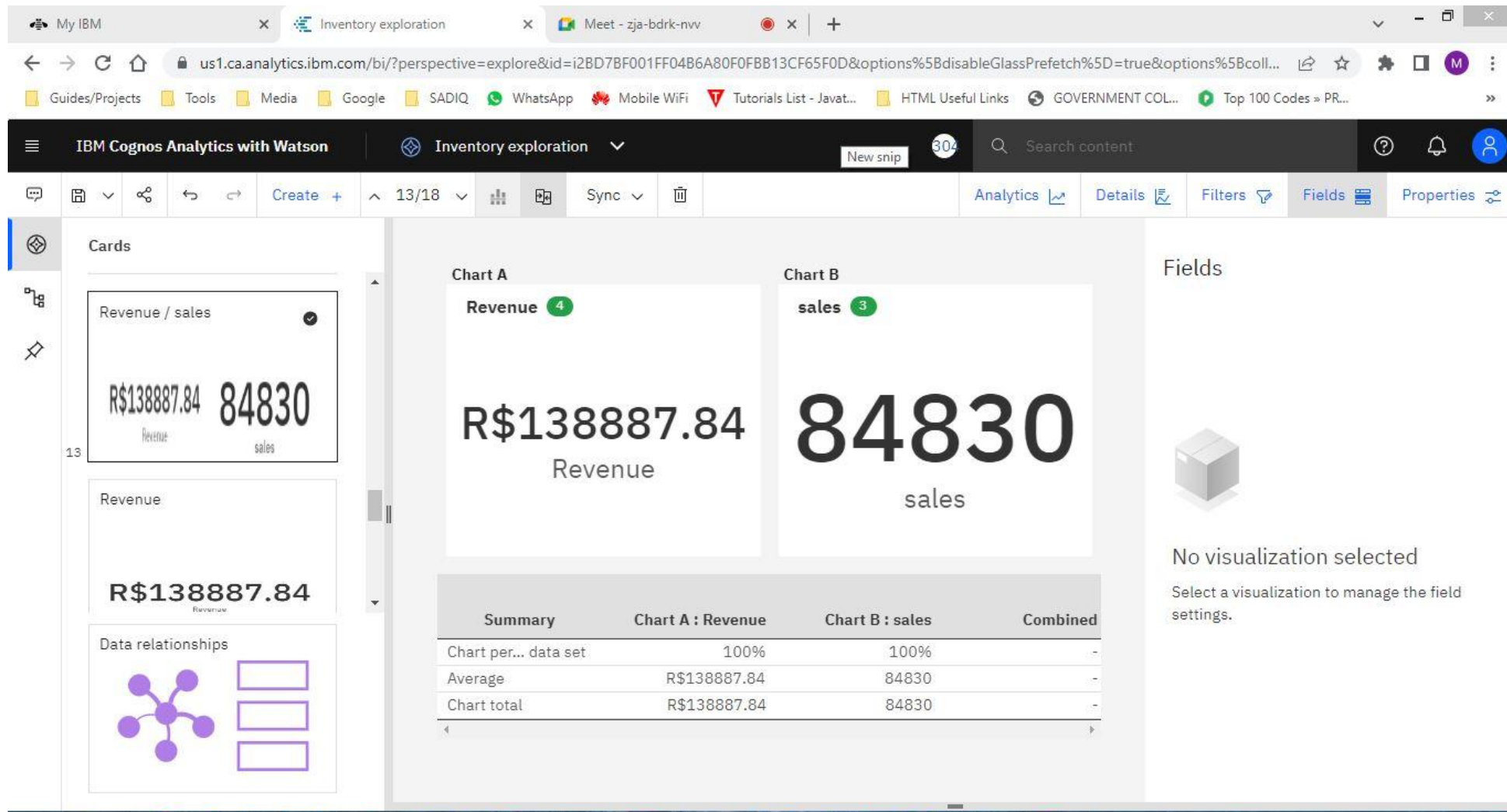




## 20. "Revenue by M\_Data" Pie Chart



## 21. "Revenue/Sales" Summary comparison



## 22. "Revenue" Summary

The screenshot displays the IBM Cognos Analytics web interface. The browser tabs include 'My IBM', 'Inventory exploration', and 'Meet - zja-bdrk-nvv'. The address bar shows a URL from 'us1.ca.analytics.ibm.com'. The top navigation bar features the 'IBM Cognos Analytics with Watson' logo, the 'Inventory exploration' dropdown, a user profile icon, and a search bar. Below this is a toolbar with icons for various actions like 'Create', 'Summary', 'Related', 'Compare', and 'Analytics'. The main workspace is divided into three sections: a left sidebar with 'Cards' and 'Data relationships', a central canvas, and a right sidebar with 'Fields' and 'Local filters'. The central canvas displays a large 'Revenue' card with the value 'R\$138887.84' and a small green circle with the number '4'. The left sidebar shows a 'Cards' list with 'Revenue' and 'sales' cards, and a 'Data relationships' diagram. The right sidebar shows a 'Fields' list with 'Revenue' and a 'Local filters' section with a 'Click or drag data here' prompt.

IBM Cognos Analytics with Watson

Inventory exploration

Search content

Create +

14/18

Summary

Related

Compare

Analytics

Details

Fields

Properties

Cards

Revenue

84830

Revenue

R\$138887.84

sales

Data relationships

Revenue

Fields

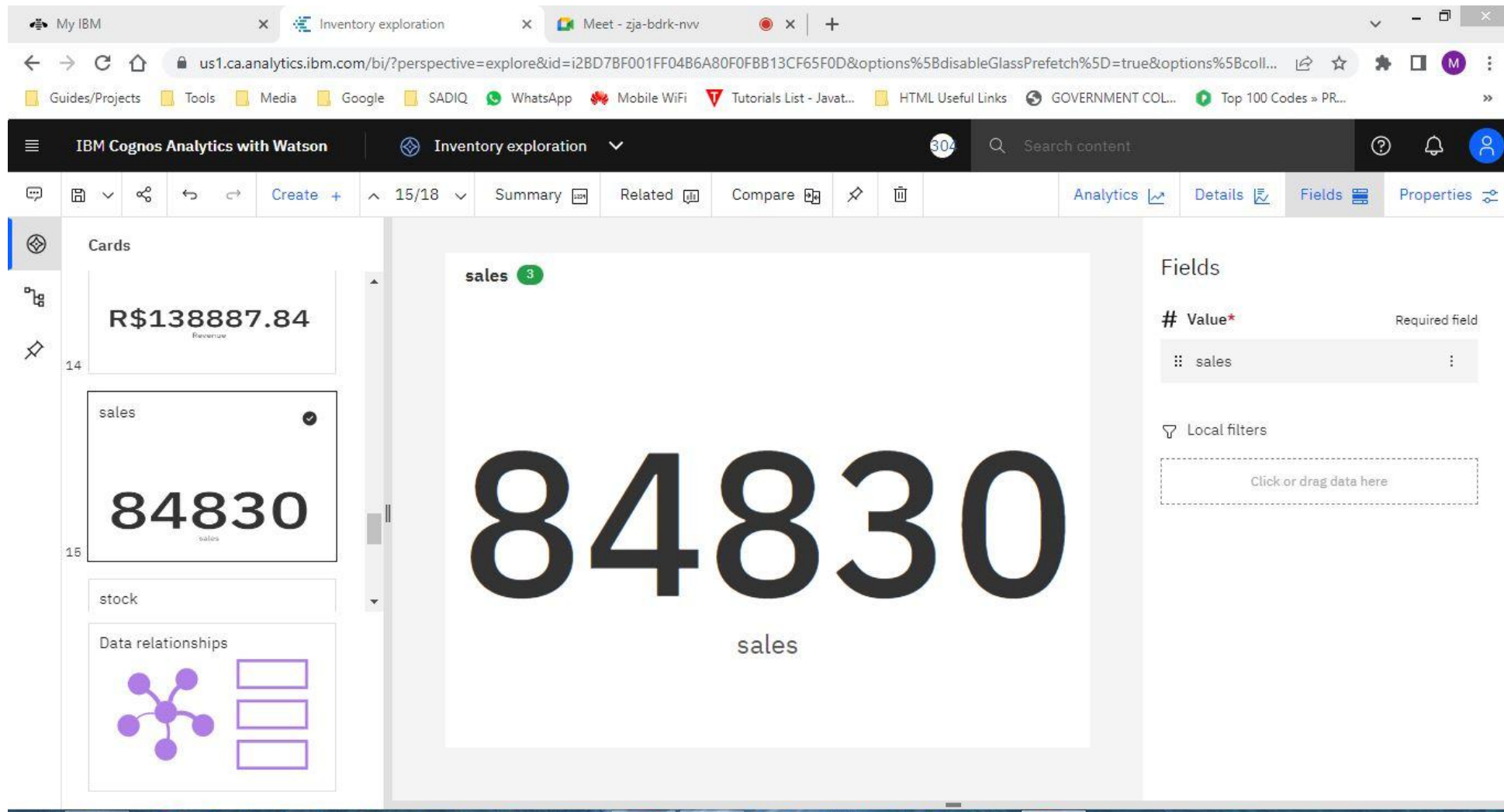
# Value\*

Revenue

Local filters

Click or drag data here

## 23. "Sales" Summary



## 24. "Stock" Summary

The screenshot displays the IBM Cognos Analytics web interface. The browser's address bar shows the URL: `us1.ca.analytics.ibm.com/bi/?perspective=explore&id=i2BD7BF001FF04B6A80F0FBB13CF65F0D&options%5BdisableGlassPrefetch%5D=true&options%5Bcoll...`. The interface includes a top navigation bar with the text "IBM Cognos Analytics with Watson" and a search bar. Below this is a toolbar with various icons and a "Create +" button. The main workspace is divided into three sections: a left sidebar, a central canvas, and a right sidebar.

**Left Sidebar:** Contains a "Cards" section with a list of cards. The first card, labeled "stock", is selected and shows the value "1506938". Below it is a card labeled "price" showing the value "1402". At the bottom is a "Data relationships" section with a diagram showing a central node connected to four other nodes, and three empty rectangular boxes to its right.

**Central Canvas:** Displays a large card titled "stock" with the value "1506938" in a very large font. Below the value, the word "stock" is written in a smaller font. At the bottom of the canvas, there is a notification bar that says "meet.google.com is sharing your screen." with buttons for "Stop sharing" and "Hide".

**Right Sidebar:** Contains a "Fields" section with a table showing the field "stock" and its value "1506938". Below this is a "Local filters" section with a dashed box containing the text "Click or drag data here".



## 25. “Price” Summary

The screenshot displays the IBM Cognos Analytics web interface. The browser address bar shows the URL: `us1.ca.analytics.ibm.com/bi/?perspective=explore&id=i2BD7BF001FF04B6A80F0FBB13CF65F0D&options%5BdisableGlassPrefetch%5D=true&options%5Bcoll...`. The page title is "IBM Cognos Analytics with Watson". The main navigation bar includes a search bar and a user profile icon. The left sidebar shows a "Cards" panel with three cards: "1506938" (stock), "1,234,567" (abcde), and "stock / sales" (Data relationships). The central workspace displays a large card titled "price" with the value "1492". The right sidebar shows a "Fields" panel with a table containing a single row: "# Value\*" (Required field) and "price". Below the table is a "Local filters" section with a dashed box containing the text "Click or drag data here". At the bottom of the screen, a notification bar indicates "meet.google.com is sharing your screen." with buttons for "Stop sharing" and "Hide".

IBM Cognos Analytics with Watson

\* Inventory exploration

Search content

Analytics Details Fields Properties

Cards

1506938  
stock

1,234,567  
abcde

stock / sales

Data relationships

price

1492

price

# Value\* Required field

price

Local filters

Click or drag data here

meet.google.com is sharing your screen. Stop sharing Hide



## 26. "Stock/Sales" Summary comparison

