

Project Development Phase
Project Development - Delivery Of Sprint-3

Date	12 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 notification for "1 item open", a search bar labeled "Search content", 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. At the bottom of the page, a section titled "Get up and running in IBM Cognos Analytics" is divided into three columns: "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). An illustration of three people working on laptops is positioned between the "How-to videos" and "Accelerator Catalog" sections.

IBM-EPBL/IBM-Project-3871-165 x Home x +

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 1 item open 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 Presenting data and choosing “Dashboard”

The screenshot shows a web browser window with the URL `us1.ca.analytics.ibm.com/bi/?perspective=home`. The browser's address bar and tabs are visible at the top. Below the browser, the IBM Cognos Analytics interface is shown. A modal titled "Present data" is open, displaying three options: "Dashboard", "Report", and "Story". The "Dashboard" option is highlighted with a blue border. The modal also includes a "Quick launch" section on the left and a "Get started" section at the bottom. The "Dashboard" option is described as: "View automatically updated data with interactive charts, graphs and tables." The "Report" option is described as: "Create and distribute customizable reports for personalized consumption." The "Story" option is described as: "Build a visual narrative to communicate the meaningful context of your data journey." The "Quick launch" section includes "Upload data" and "Get started". The "Get started" section includes "Get up and running". The "How-to videos" section includes "Learn how to use IBM Cognos Analytics and start gaining insights into your data." The "Accelerator Catalog" section includes "Browse a growing catalog of industry use, best practice guides, custom". The "Learning resources" section includes "Expand your knowledge and get assistance by connecting with the".

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IBM Cognos Analytics with Watson 1 item open 304 Search content

Quick launch

Upload data

Upload or drag and drop spreadsheets, csv files, or other data sources.

Get started

Get up and running

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

Present data

Start by choosing what you want to create.

Dashboard

View automatically updated data with interactive charts, graphs and tables.

Report

Create and distribute customizable reports for personalized consumption.

Story

Build a visual narrative to communicate the meaningful context of your data journey.

3. Creating a new dashboard

The screenshot shows a web browser window with two tabs: 'IBM-EPBL/IBM-Project-3871-165' and 'Create dashboard'. The address bar shows the URL 'us1.ca.analytics.ibm.com/bi/?perspective=createBoard'. The browser's bookmark bar contains several links including 'Guides/Projects', 'Tools', 'Media', 'Google', 'SADIQ', 'WhatsApp', 'Mobile WiFi', 'Tutorials List - Javat...', 'HTML Useful Links', 'GOVERNMENT COL...', and 'Top 100 Codes » PR...'. The page header for IBM Cognos Analytics includes the text 'IBM Cognos Analytics with Watson', a 'Create dashboard' button, a user profile icon with the number '304', and a search bar labeled 'Search content'. The main content area is titled 'Create a dashboard' and includes a 'Cancel' button and a blue 'Create' button. Below the title, it says 'Select a template for your dashboard'. There are two tabs: 'Tabbed' (selected) and 'Infographic'. The 'Tabbed' tab displays a grid of eight dashboard templates. The first template in the top-left corner is a simple rectangle with a solid border and a checkmark icon in the top-right corner, indicating it is the selected template. The other seven templates are dashed-line outlines showing various grid layouts: a 2x1 grid, a 1x2 grid, a 3x1 grid, a 1x3 grid, a 2x2 grid, a 3x2 grid, and a 2x3 grid.

4. Single Visualisation template for making dashboard

The screenshot displays the IBM Cognos Analytics with Watson web application interface. The browser's address bar shows the URL: `us1.ca.analytics.ibm.com/bi/?perspective=dashboard&id=dashboard_7c99243c-55df-4040-8c58-20896881f3be&ui_appbar=true&options%5BdisableGla...`. The application header includes the text "IBM Cognos Analytics with Watson" and a "New dashboard" button. A search bar with the placeholder "Search content" is also present. The main interface is divided into a left sidebar and a central workspace. The sidebar, titled "Data", contains a "Select a source" section with a blue button labeled "Select a source +". The central workspace is titled "Tab 1" and features a large grid area for visualization. Above the grid, there are two filter sections: "All tabs" and "This tab", each with a funnel icon and the instruction "Drag and drop data here to filter...". The top of the workspace has tabs for "Analytics", "Filters", "Fields", and "Properties".

5. Selecting the source for dashboard

The screenshot shows the IBM Cognos Analytics web interface. A 'Select a source' dialog box is open, displaying a list of data sources under the 'My content' tab. The background interface includes a top navigation bar with 'IBM Cognos Analytics with Watson' and a sidebar with icons for Data, Visualizations, and Reports. The dialog box has a table with columns for Name, Type, and Last Accessed. The table lists several CSV files and a data module. At the bottom of the dialog are 'Cancel' and 'Add' buttons.

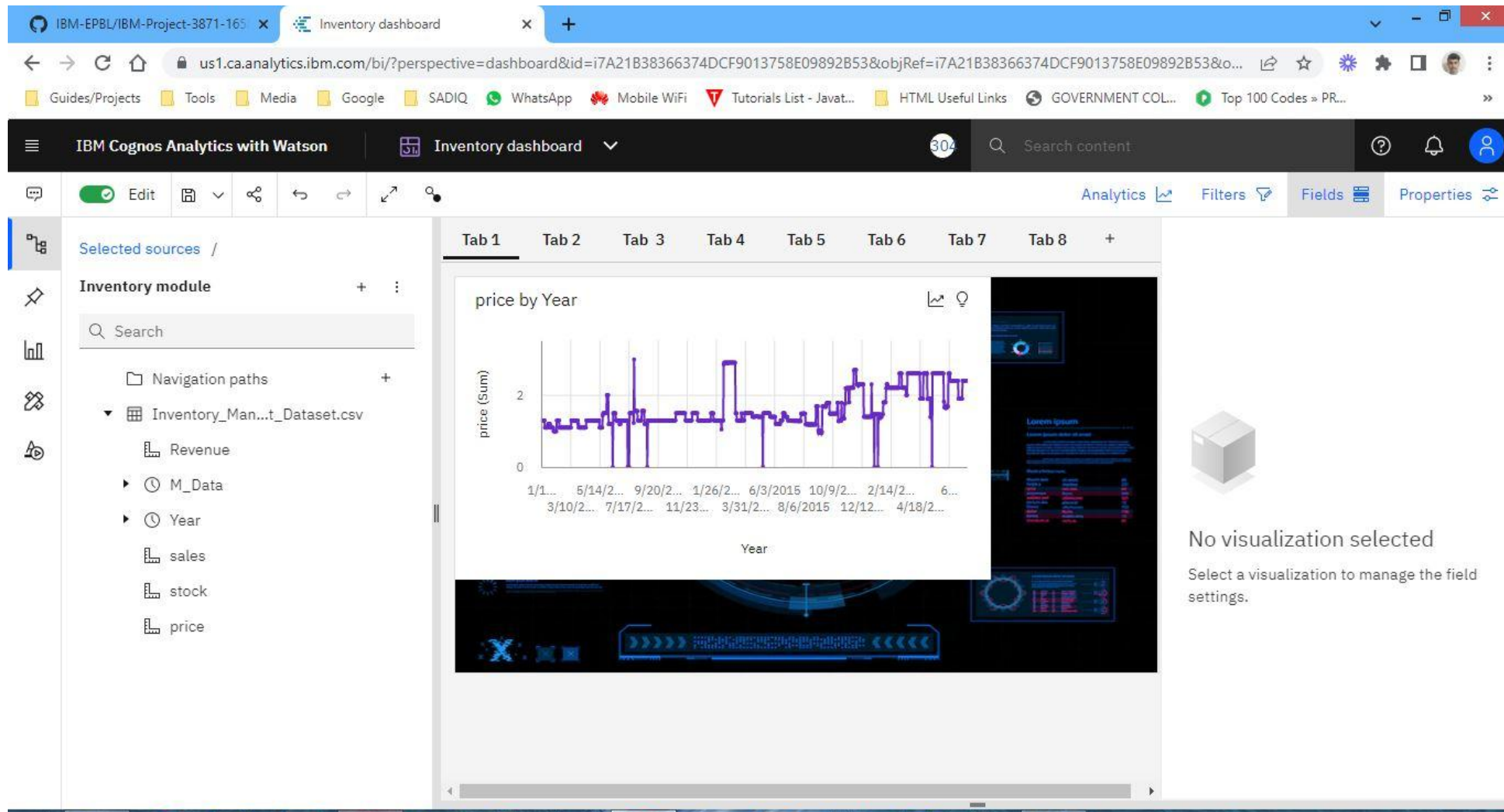
Select a source

My content | Team content

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

Cancel Add

6. Visualising Price by Year Line graph



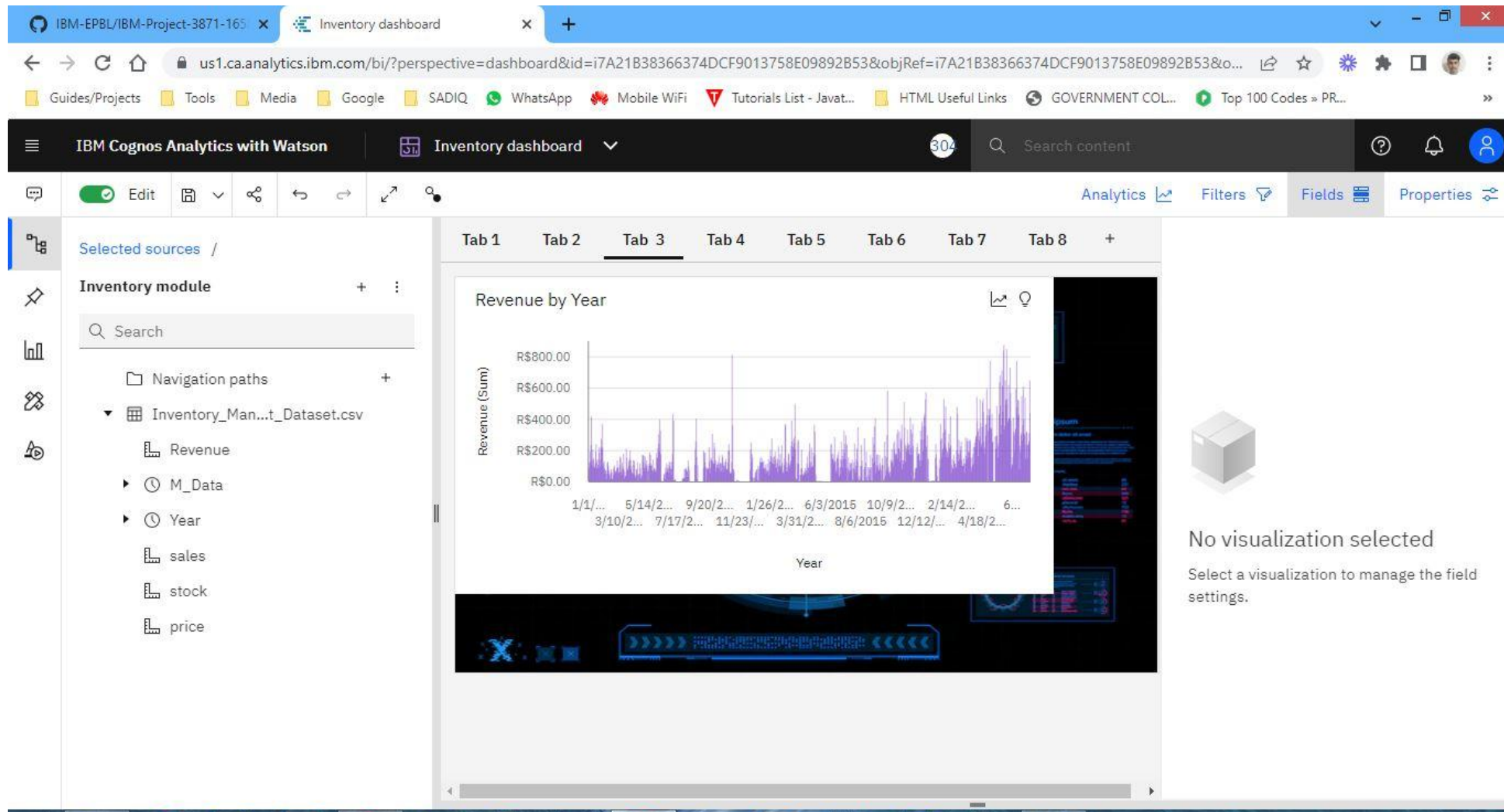
7. Visualising Sales by Year Line graph

The screenshot displays the IBM Cognos Analytics web interface. The browser address bar shows the URL: `us1.ca.analytics.ibm.com/bi/?perspective=dashboard&id=i7A21B38366374DCF9013758E09892B53&objRef=i7A21B38366374DCF9013758E09892B53&o...`. The page title is "Inventory dashboard".

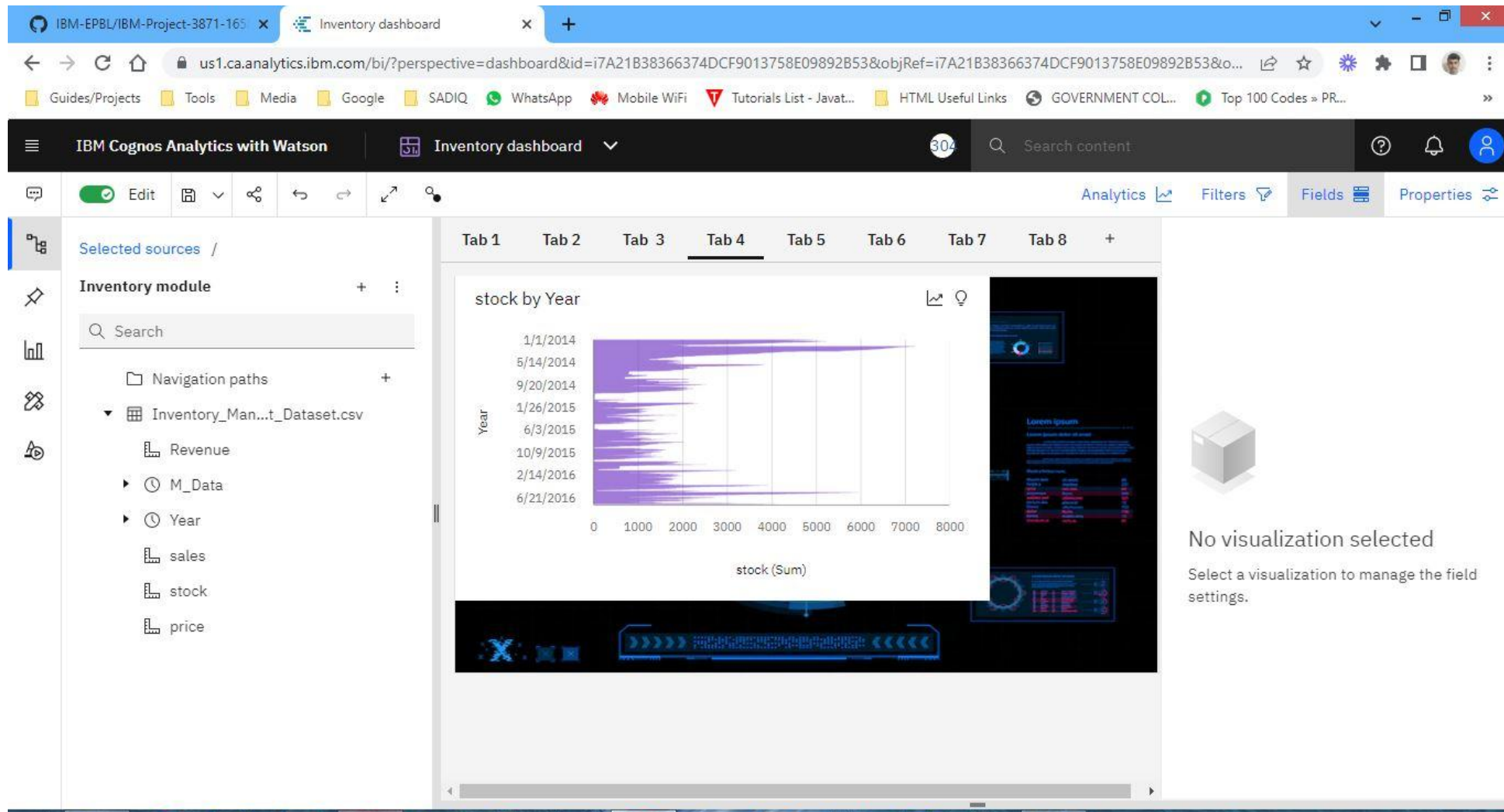
The interface includes a top navigation bar with the "IBM Cognos Analytics with Watson" logo, a search bar, and a user profile icon. Below this is a toolbar with icons for "Edit", "View", "Share", "Undo", "Redo", "Zoom In", and "Zoom Out".

The main content area is divided into two panes. The left pane, titled "Selected sources /", shows the "Inventory module" with a search bar and a list of data sources: "Navigation paths", "Inventory_Man...t_Dataset.csv", "Revenue", "M_Data", "Year", "sales", "stock", and "price". The right pane displays a line graph titled "sales by Year". The graph shows two data series plotted against time, with the x-axis labeled "Year". The graph is currently in a "No visualization selected" state, indicated by a message on the right side of the interface: "No visualization selected. Select a visualization to manage the field settings."

8. Visualising Revenue by Year Columns



9. Visualising Stock by Year Bars



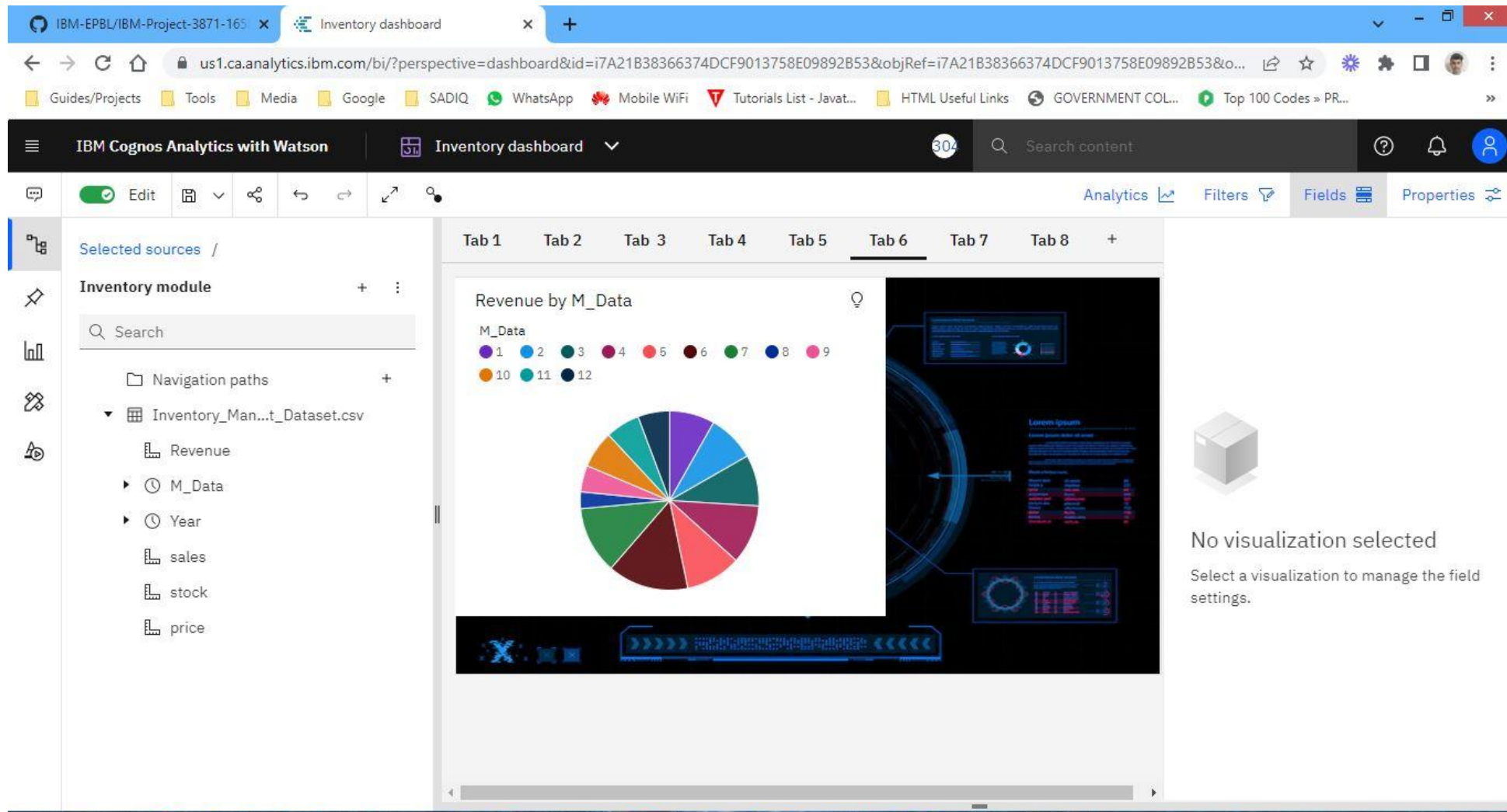
10. Visualising M_Data, Stock, Stock Heat Map

The screenshot displays the IBM Cognos Analytics web application interface. The browser address bar shows the URL: `us1.ca.analytics.ibm.com/bi/?perspective=dashboard&id=i7A21B38366374DCF9013758E09892B53&objRef=i7A21B38366374DCF9013758E09892B53&o...`. The application header includes the text "IBM Cognos Analytics with Watson" and "Inventory dashboard". The main workspace is divided into several sections:

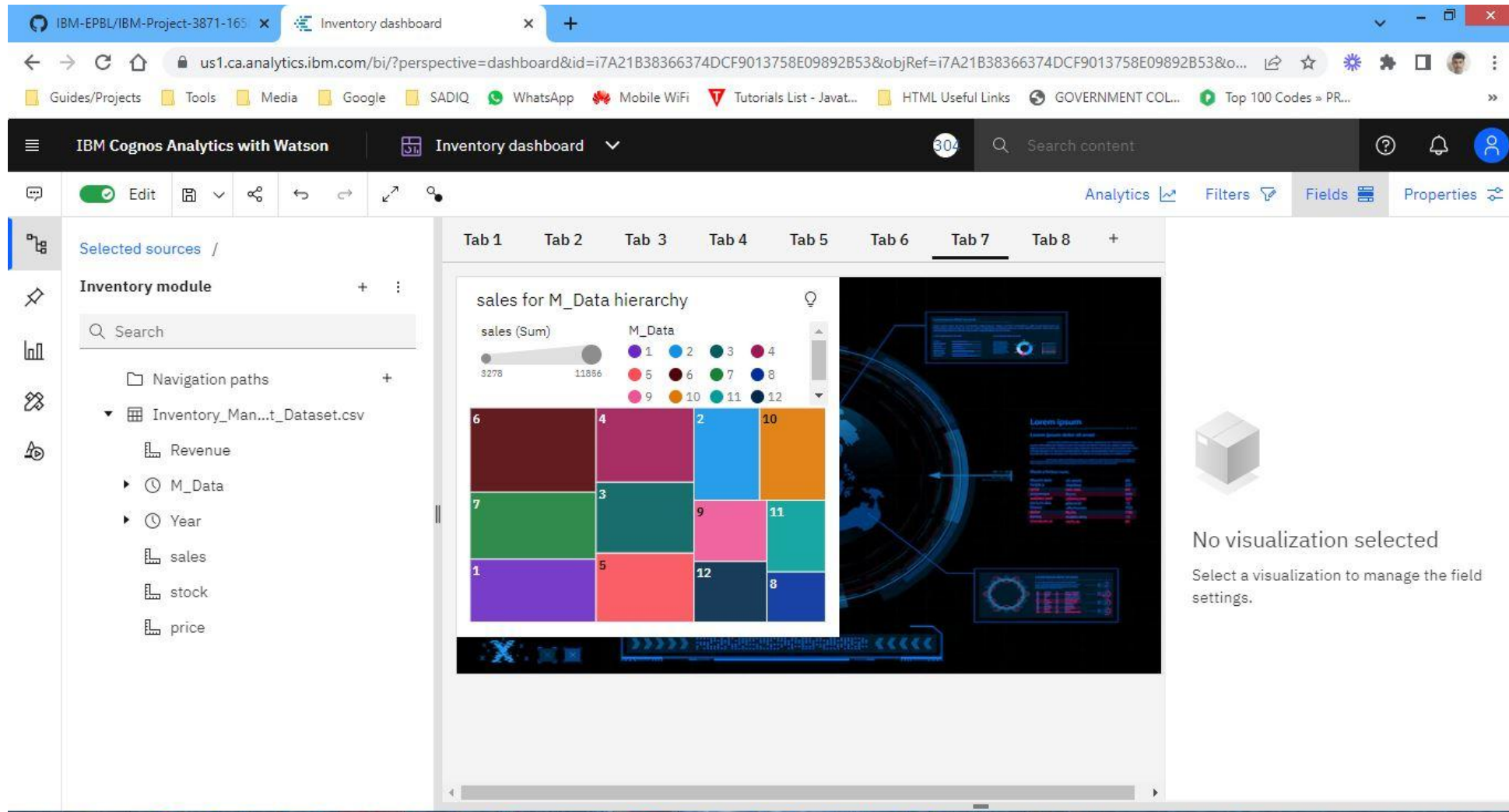
- Left Panel (Navigation):** Contains a search bar and a tree view under "Inventory module". The tree view includes "Navigation paths" and "Inventory_Man...t_Dataset.csv". Under "Inventory_Man...t_Dataset.csv", there are several items: "Revenue", "M_Data", "Year", "sales", "stock", and "price".
- Top Panel (Tabs):** Displays a series of tabs labeled "Tab 1" through "Tab 8", with "Tab 5" currently selected.
- Central Visualization Area:** Shows a visualization titled "M_Data, stock, stock". Below the title, there is a color scale for "stock (Sum)" ranging from 0 to 9528. The visualization itself is a large, solid purple rectangle, indicating that no specific visualization type has been selected yet.
- Right Panel (Properties):** Displays a message: "No visualization selected. Select a visualization to manage the field settings." This panel is currently inactive.

The interface also includes a top navigation bar with various icons for search, filters, fields, and properties, and a bottom status bar with additional navigation options.

11. Visualising Revenue by M_Data Pie Chart



12. Visualising Sales by M_Data hierarchy Tree Map



13. Visualising Revenue, Stock, Sales, Price Summary

