

Project Development Phase

Sprint-3

Dashboard Creation

Date	10 November 2022
Team ID	PNT2022TMID36407
Project Name	Retail Store Stock Inventory Analytics.

Task-1:

1. IBM Cognos:

- Go to IBM cognos account and login.

My IBM Home

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

Gmail YouTube Maps

IBM Cognos Analytics with Watson

Search content

Maintenance: Scheduled maintenance completed. Click More Info for details and to subscribe to future events

Dismiss More info

Hello. Welcome to Cognos Analytics with Watson.

You can get started right away by taking a look at our introduction video, product tour and Getting Started tab.

Watch video Take a product tour

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 exploration.

Present data

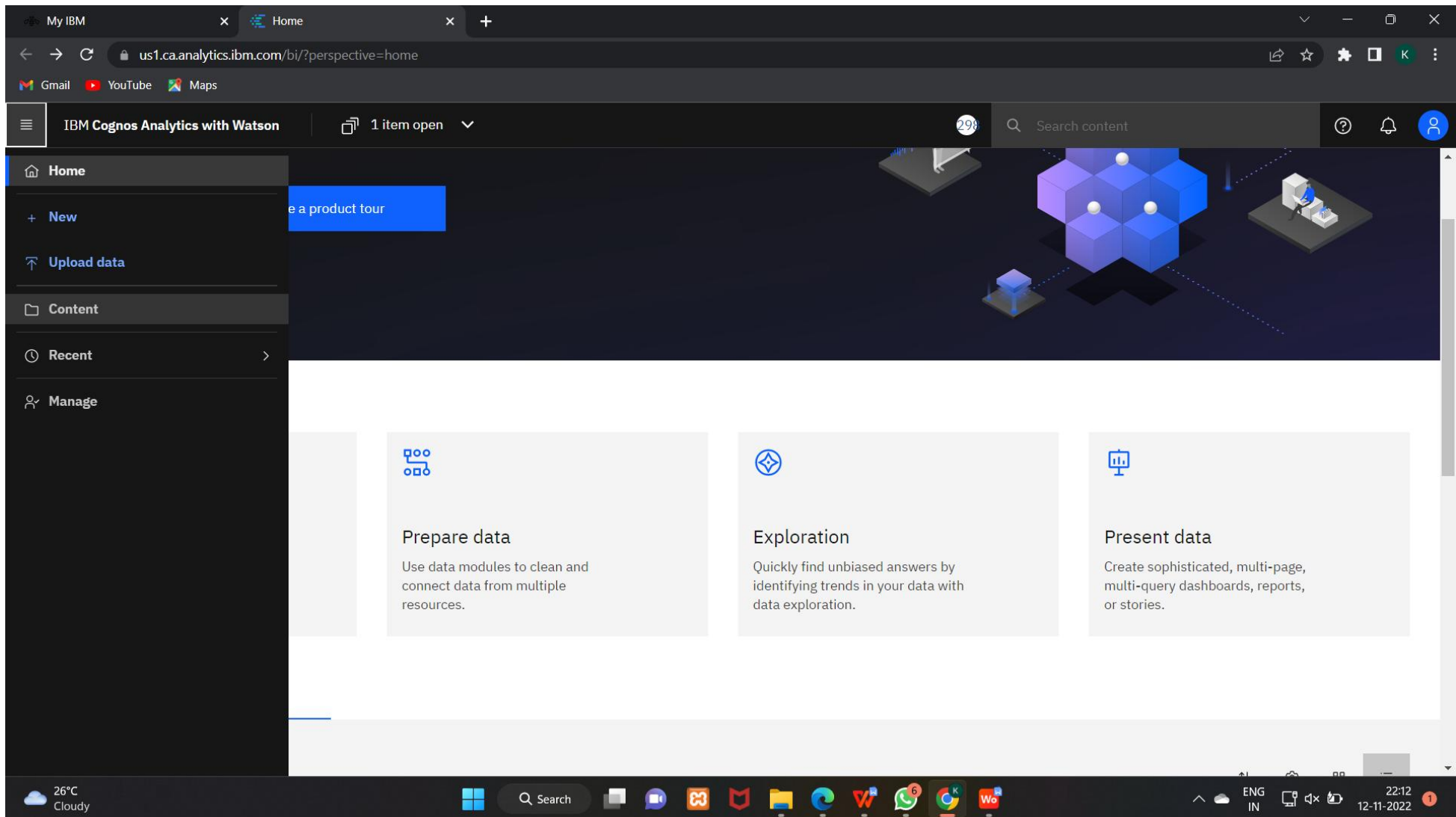
Create sophisticated, multi-page, multi-query dashboards, reports, or stories.

26°C Mostly cloudy

ENG IN

21:15 08-11-2022

- Then click content its is on left side.



- Then there have many file select what you wan to create select that file and click right.

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=i550381A2A06B4BFD93601CC4B0F132A0`. The page title is "Content". Below the title, there are tabs for "My content", "Team content", and "Samples". The "My content" tab is active. A blue header bar indicates "1 item selected". To the right of this bar are links for "More +", "Create", "Details", and "Delete". The main content area is a table with columns: "Name", "Type", and "Last Accessed". The table lists several items, including "Inventory Ma", "Inventory Mo", "mock_kaggle", "Retail store s", "Retail store s", and "sales.csv". A right-click context menu is open over the "Inventory Mo" item, showing options: "Edit data module", "Create report", "Create exploration", "Create dashboard", "Create data module", "Create data set", "Share", "Copy or move to", "Add shortcut", "Edit name and description", "Properties", "Details", and "Delete". The Windows taskbar at the bottom shows the date and time as 26°C Cloudy, and various application icons.

Name	Type	Last Accessed
<input type="checkbox"/> Inventory Ma	Uploaded file	11/4/2022, 2:10 A
<input checked="" type="checkbox"/> Inventory Mo	Data module	11/3/2022, 12:33
<input type="checkbox"/> mock_kaggle	Uploaded file	11/2/2022, 11:02
<input type="checkbox"/> Retail store s	Exploration	11/8/2022, 10:09
<input type="checkbox"/> Retail store s	Dashboard	11/12/2022, 9:55
<input type="checkbox"/> sales.csv	Uploaded file	9/6/2022, 12:20 A

- Then select create dashboard.

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=i550381A2A06B4BFD93601CC4B0F132A0`. The page title is 'Content'. Below the title, there are tabs for 'My content', 'Team content', and 'Samples'. A blue 'New +' button is visible in the top right corner. The main content area shows a table with columns 'Name', 'Type', and 'Last Accessed'. A context menu is open over the 'Inventory Mo' data module, listing actions: 'Edit data module', 'Create report', 'Create exploration', 'Create dashboard', 'Create data module', 'Create data set', 'Share', 'Copy or move to', 'Add shortcut', 'Edit name and description', 'Properties', 'Details', and 'Delete'. The 'Create dashboard' option is highlighted. The table lists several items, including 'Inventory Mo' (Data module), 'mock_kaggle' (Uploaded file), 'Retail store s' (Exploration), 'Retail store s' (Dashboard), and 'sales.csv' (Uploaded file).

Name	Type	Last Accessed
Inventory Ma	Uploaded file	11/4/2022, 2:10 AM
Inventory Mo	Data module	11/3/2022, 12:33 AM
mock_kaggle	Uploaded file	11/2/2022, 11:02 AM
Retail store s	Exploration	11/8/2022, 10:09 AM
Retail store s	Dashboard	11/12/2022, 9:55 AM
sales.csv	Uploaded file	9/6/2022, 12:20 AM

- Then select the shape what you want.

The screenshot shows a web browser window with the URL `us1.ca.analytics.ibm.com/bi/?perspective=createBoard`. The page title is "Create a dashboard" with the subtitle "Select a template for your dashboard". There are two tabs: "Tabbed" (selected) and "Infographic". Below the tabs is a grid of 12 dashboard templates. The first template in the top-left corner is selected, indicated by a checkmark in its top-right corner. The templates vary in layout, including single large rectangles, horizontal splits, vertical splits, and more complex multi-pane arrangements. At the top right of the page are "Cancel" and "Create" buttons. The browser's address bar and navigation icons are visible at the top. The Windows taskbar at the bottom shows the system clock as 22:12 on 12-11-2022, along with weather information (26°C Cloudy) and various application icons.

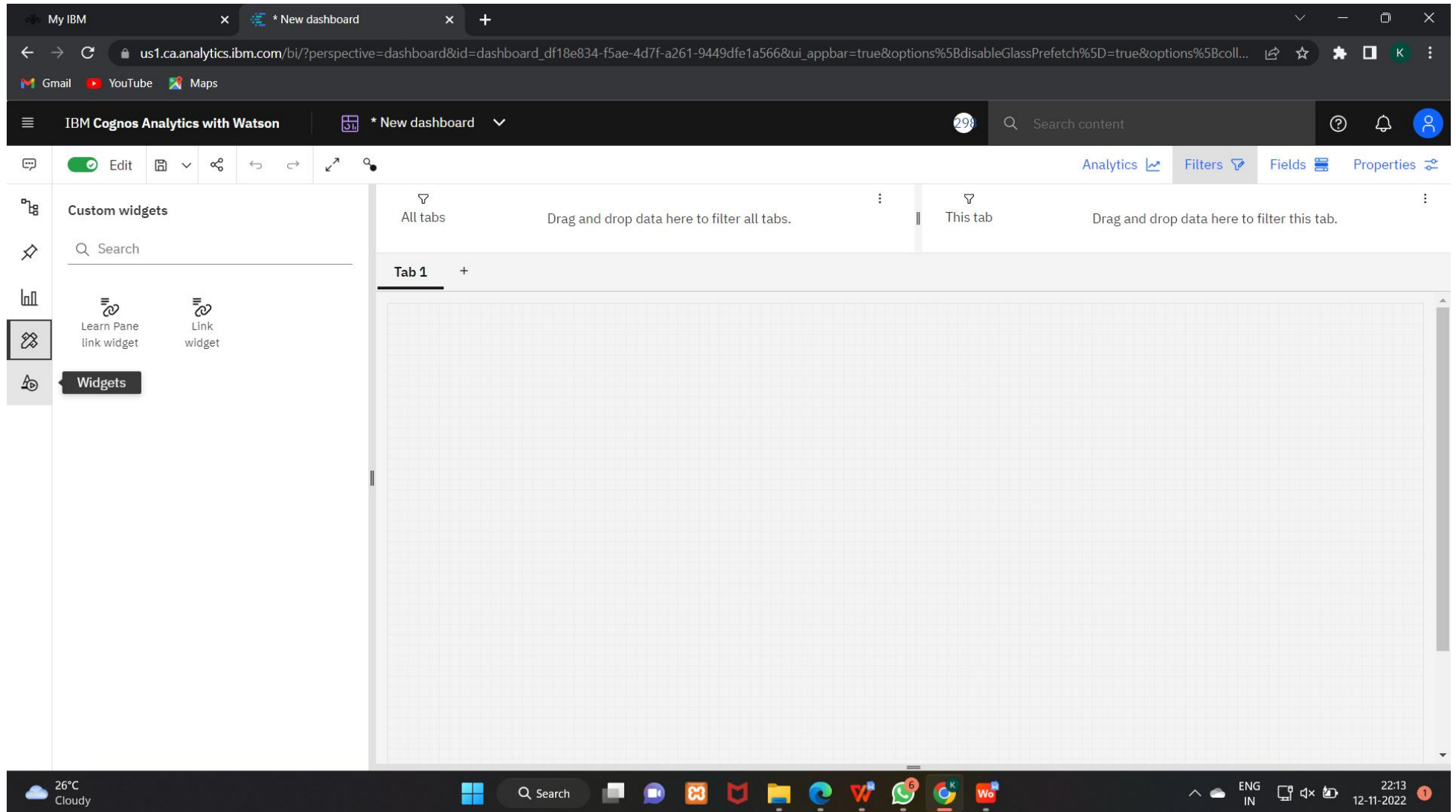
- It will open dashboard area and left side have your csv file dataset.

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=dashboard_df18e834-f5ae-4d7f-a261-9449dfe1a566&ui_appbar=true&options%5BdisableGlassPrefetch%5D=true&options%5Bcoll.... The page title is "IBM Cognos Analytics with Watson". The left sidebar, titled "Selected sources /", contains an "Inventory Module" with a search bar and a list of data sources: "Navigation paths", "mock_kaggle.csv", "M_Data", "Year", "Sales", "Stock", and "Price". The main dashboard area is currently empty, with a header for "All tabs" and "This tab" indicating where to drag and drop data. The bottom of the screen shows a Windows taskbar with various application icons and a system tray displaying the temperature (26°C Cloudy), language (ENG IN), and date/time (22:13 12-11-2022).

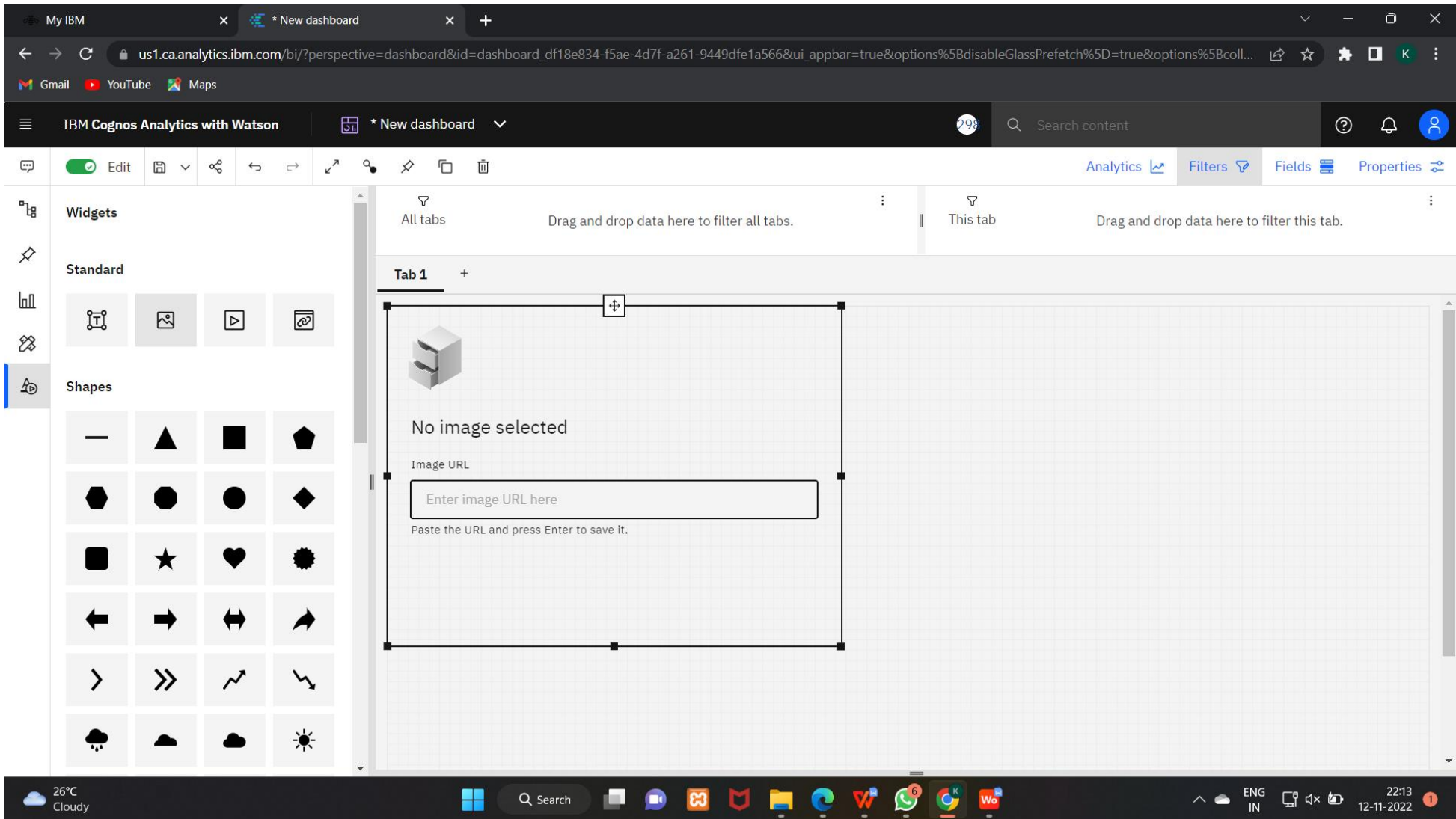
- In left side have many option line chart is visualizations it used for various chart and graph.

The screenshot displays the IBM Cognos Analytics web application interface. The browser window shows the URL `us1.ca.analytics.ibm.com/bi/?perspective=dashboard&id=dashboard_df18e834-f5ae-4d7f-a261-9449dfe1a566&ui_appbar=true&options%5BdisableGlassPrefetch%5D=true&options%5Bcoll...`. The application header includes the IBM Cognos Analytics logo, a search bar, and user profile information. The left sidebar contains a 'Visualizations' panel with a search bar and a list of visualization types: 'Navigation paths', 'mock_kaggle.csv', 'M_Data', 'Year', 'Sales', 'Stock', and 'Price'. The main workspace is divided into two sections: 'All tabs' and 'This tab', both with instructions to 'Drag and drop data here to filter all tabs.' and 'Drag and drop data here to filter this tab.' respectively. A 'Tab 1' tab is visible in the workspace. The bottom of the image shows a Windows taskbar with various application icons and system information like '26°C Cloudy' and the date '12-11-2022'.

- Then click widgets.



- In widgets used to import image, video and select image icon and copy the image path from chrome and paste it then press enter the image will appear.



- Then you finish dashboard click save as and give file name and save.

The screenshot shows the IBM Cognos Analytics interface. The browser address bar displays the URL: `us1.ca.analytics.ibm.com/bi/?perspective=dashboard&id=i0FEC97CCBA6E4569892459C7E2A3EC3E&objRef=i0FEC97CCBA6E4569892459C7E2A3EC3E&options%5BdisableGlassPrefetch%5D=t...`. The dashboard is titled "Retail Store Stock Inventory Analytics" and is divided into several sections:

- Summary Cards:** Displays key metrics: M_Data (12), Year (937), Stock (1506938), Price (1,492.24), and Sales (84830).
- Top 10 Sales by Year:** A line chart showing sales trends over time with data points: 369, 542, 391, 410, 512, 438, 338, 381, 377, 408, 377.
- Price by M_Data:** A pie chart showing the distribution of prices across different M_Data categories.
- Year, Stock:** A circular visualization showing the relationship between Year and Stock.
- Sales by Year:** A bar chart showing sales volume over time.
- M_Data, Stock:** A grid visualization showing the relationship between M_Data and Stock.

The right sidebar contains the "Dashboard properties" panel, which includes settings for Canvas (Layout positioning: Relative), Page size (Preset: Screen 16:9), Fit page (toggle), Width (1280 px), Height (720 px), Grid (Show grid, Snap to grid, Snap to objects), and Footer.

The bottom of the screen shows the Windows taskbar with the date and time: 22:14, 12-11-2022.

- After saving the dashboard and click share.

The screenshot shows the IBM Cognos Analytics interface. The browser address bar displays the URL: `us1.ca.analytics.ibm.com/bi/?perspective=dashboard&id=i0FEC97CCBA6E4569892459C7E2A3EC3E&objRef=i0FEC97CCBA6E4569892459C7E2A3EC3E&options%5BdisableGlassPrefetch%5D=t...`. The dashboard is titled "Retail Store Stock Inventory Analytics" and is divided into several sections:

- Top Section:** A header with the title "Retail Store Stock Inventory Analytics" and a background image of a person looking at a dashboard.
- Metrics Section:** Five cards displaying key metrics:
 - M_Data: 12
 - Year: 937
 - Stock: 1506938
 - Price: 1,492.24
 - Sales: 84830
- Visualizations Section:** Three charts:
 - Top 10 Sales by Year:** A line chart showing sales over time with data points: 369, 542, 381, 377, 410, 512, 408, 377, 438.
 - Price by M_Data:** A pie chart showing the distribution of prices across different M_Data categories.
 - Year, Stock:** A circular visualization showing the relationship between Year and Stock.
 - Sales by Year:** A bar chart showing sales over time.

The right sidebar contains the "Dashboard properties" panel, which includes settings for Canvas, Layout positioning (Relative), Page size (Screen 16:9), Fit page (disabled), Width (1280 px), Height (720 px), Grid (Show grid, Snap to grid, Snap to objects), and Footer.

- If you like you share your dashboard in gmail. Then press E-mail and click next.

The screenshot shows the IBM Cognos Analytics interface. A 'Share' dialog box is open in the center, with the 'Send' tab selected. Under 'Select a platform', the 'Email' option is chosen with a radio button. The dialog has 'Cancel' and 'Next' buttons at the bottom. The background dashboard, titled 'Retail store stock inventory analysis', features a sidebar with 'Inventory Module' and a search bar. The main area displays 'Tab 1' with a 'M_Data' card showing the value '12', a 'Top 10 Sales' line chart, and a 'Price by M_Data' pie chart. The right sidebar shows 'Dashboard properties' with settings for 'Canvas', 'Page size' (Screen 16:9), 'Grid' (Show grid, Snap to grid, Snap to objects), and 'Footer'. The top navigation bar includes 'IBM Cognos Analytics with Watson' and a search bar. The bottom taskbar shows the Windows Start button, search bar, and various application icons, including a clock showing 22:33 on 12-11-2022.

- If you like to share the dashboard in web page by using the link you copy and paste it your web site code the dashboard will appear.

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=i0FEC97CCBA6E4569892459C7E2A3EC3E&objRef=i0FEC97CCBA6E4569892459C7E2A3EC3E&options%5BdisableGlassPrefetch%5D=t...`. The dashboard, titled "Retail store stock inventory analysis", features a sidebar with "Selected sources" including "Inventory Module" and "mock_kaggle.csv". The main area shows a "Tab 1" with a "M_Data" table displaying a value of 12, a "Top 10 Sales Year" chart, and a "Price by M_Data" chart. A "Share" dialog box is open in the center, showing the "Link" tab with a URL and an "Embed code" tab with an iframe code. The "Embed code" tab also includes "Width" (320) and "Height" (200) settings. The right sidebar shows "Dashboard properties" with settings for "Canvas", "Page size", "Grid", and "Footer". The bottom of the screen shows a Windows taskbar with various application icons and a system clock indicating 22:33 on 12-11-2022.

Share Dialog Content:

Link:

```
https://us1.ca.analytics.ibm.com/bi/?perspective=dashboard&pathRef=.my_folders%2FRetail%2Bstore%2Bstock%2Binventory%2Banalysis&action=view&mode=dashboard&subView=model000001846c801dae_00000000
```

Embed code:

Width: 320 Height: 200

```
<iframe src="https://us1.ca.analytics.ibm.com/bi/?perspective=dashboard&pathRef=.my_folders%2FRetail%2Bstore%2Bstock%2Binventory%2Banalysis&closeWindowOnLastView=true&ui_appbar=false&ui_navbar=false&shareMode=embedded&action=view&mode=dashboard&subView=model000001846c801dae_00000000" width="320" height="200" frameborder="0" gesture="media" allow="encrypted-media" allowfullscreen=""></iframe>
```

- If you need pdf click export and select your paper size and click export button.

The screenshot displays the IBM Cognos Analytics web application interface. A 'Share' dialog box is open in the center, allowing users to share the current dashboard. The dialog has three tabs: 'Send', 'Link', and 'Export'. The 'Export' tab is selected, showing options for 'Export to PDF'. Below this, there is a note about Windows PDF drivers and a link for more information. The 'Page size' is set to 'Letter' and the 'Orientation' is set to 'Portrait'. There is an unchecked checkbox for 'Include filters'. At the bottom of the dialog are 'Cancel' and 'Export' buttons. The background shows the 'Inventory Module' dashboard with various charts and a sidebar with navigation paths. The bottom of the screen shows a Windows taskbar with the date and time as 22:33 on 12-11-2022.

My IBM Retail store stock inventory analy

us1.ca.analytics.ibm.com/bi/?perspective=dashboard&id=i0FEC97CCBA6E4569892459C7E2A3EC3E&objRef=i0FEC97CCBA6E4569892459C7E2A3EC3E&options%5BdisableGlassPrefetch%5D=t...

IBM Cognos Analytics with Watson Retail store stock inv ... analysis

Share

Send Link Export

Export to PDF

If you are using a Windows operating system, ensure that you installed a PDF driver. For more information about exporting to PDF, [click here](#).

Page size Orientation

Letter Portrait

☐ Include filters

Cancel Export

Dashboard properties

Canvas

Layout positioning Relative

Page size

Preset Screen 16:9

Fit page

Width 1280 px Height 720 px

Grid

Show grid Snap to grid Snap to objects

Footer

27°C Cloudy 22:33 12-11-2022

- Then you will see option for pdf and crop the size and click save button it will save as pdf.

The screenshot displays the IBM Cognos Analytics web application. The main area shows a line chart titled 'Tab 1 Sales by Year' with data points for each year from 2014 to 2024. The y-axis represents 'Sales (Units)' ranging from 0 to 600. The x-axis represents 'Year'.

On the right side, a 'Print' dialog is open, showing options for saving the report as a PDF. The dialog includes the following settings:

- Destination: Save as PDF
- Pages: All
- Pages per sheet: 1
- Margins: Default
- Options: ☐ Headers and footers, ☒ Background graphics

At the bottom of the dialog are 'Save' and 'Cancel' buttons.

The left sidebar shows the 'Inventory Module' with a search bar and a list of data sources: 'mock_kaggle.csv', 'M_Data', 'Year', 'Sales', 'Stock', and 'Price'.

The bottom of the screen shows a Windows taskbar with the date and time '12-11-2022 22:33' and a system tray with various icons.

Dashboard

Retail store stock inventory analytics

