

PROJECT DEVELOPMENT PHASE

DELIVERY OF SPRINT-4

Date	14-11-2022
Team ID	PNT2022TMID16620
Project Name	Retail Store Stock Inventory Analytics

PROJECT DEVELOPMENT PHASE:

Sprint-1:

- Data Collection
- Data Preparation

Sprint-3:

- Dashboard Creation

Sprint-2:

- Data Exploration

Sprint-4:

- Report Creation
- Story Creation

DATA COLLECTION:

Download the Dataset

Dataset link - <https://drive.google.com/drive/folders/1kiL-5CHJmQvbk9VyFsUUs-myAupBZGNy>

LOAD THE DATASET:

Tool used – IBM Cognos

Content

mock_kaggle.csv was uploaded successfully. Hide Details

New +

My content Team content Samples

Data module Sprint-1

50_startups.csv bank (1).csv bikebuyer.csv mock_kaggle.csv

Olympic Events.xlsx Olympic Medals.xlsx Pharma_Monthly_Sales.csv pharmacy data

Last Accessed 9/25/2022, 12:24 AM Last Accessed 10/30/2022, 11:59 PM Last Accessed 9/14/2022, 9:02 AM Last Accessed 10/31/2022, 12:06 AM

CSV CSV CSV CSV

Up Up Up Up

Down Down Down Down

Filter Refresh Sort View

This screenshot shows the IBM Cognos Content interface. At the top, a green banner indicates that 'mock_kaggle.csv' was uploaded successfully. Below the banner, there are tabs for 'My content' (which is selected), 'Team content', and 'Samples'. A header bar includes a 'New +' button, a search icon, and other navigation icons. The main area displays a grid of datasets. Two top-level items are visible: 'Data module' (last accessed 9/25/2022) and 'Sprint-1' (last accessed 10/30/2022). Below these are four CSV files: '50_startups.csv' (last accessed 9/16/2022), 'bank (1).csv' (last accessed 9/18/2022), 'bikebuyer.csv' (last accessed 9/14/2022), and 'mock_kaggle.csv' (last accessed 10/31/2022). At the bottom of the grid are three Excel files: 'Olympic Events.xlsx', 'Olympic Medals.xlsx', 'Pharma_Monthly_Sales.csv', and a folder named 'pharmacy data'. Each dataset item includes a 'CSV' button and an 'Up' or 'Down' arrow icon.

IBM Cognos Analytics with Watson

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Search content

?

1

Dismiss

More info

New

Watson.

Subscribe to future events

Data module

Explore

Exploration

Present

Dashboard

Report

Story

Watson.

Watson Tour and Getting Started

Exploration

Quickly find unbiased answers by identifying trends in your data with

Present data

Create sophisticated, multi-page, multi-query dashboards, reports,

IBM Cognos Analytics with Watson

New report

302

Search content

Page design

Properties

Insertable objects

Open

My content Team content

My content / project development phase / Sprint-1

Name Type Last Accessed

Name	Type	Last Accessed
Retail inventory Management	Data module	11/4/2022, 12:15 AM

Select a source

Select a data source to use with your report.

Select a source +

Cancel Open

Date 1 Time

The screenshot shows the IBM Cognos Analytics with Watson interface. A modal dialog box titled "Open" is displayed in the center. The dialog has tabs for "My content" and "Team content", with "My content" selected. The path "My content / project development phase / Sprint-1" is shown above a table. The table has columns for Name, Type, and Last Accessed. One item is listed: "Retail inventory Management" (Type: Data module, Last Accessed: 11/4/2022, 12:15 AM). At the bottom of the dialog are "Cancel" and "Open" buttons. The background shows a dark grey workspace with a sidebar on the left labeled "Select a source" and a header bar with various icons and a search bar.

Create a report

Select a template and theme for your report

Templates

Themes



Blank



Blank active report



1 beside 2



1 beside 2 active report



1 column



1 column active report



2 by 2



2 by 2 active report



2 by 3



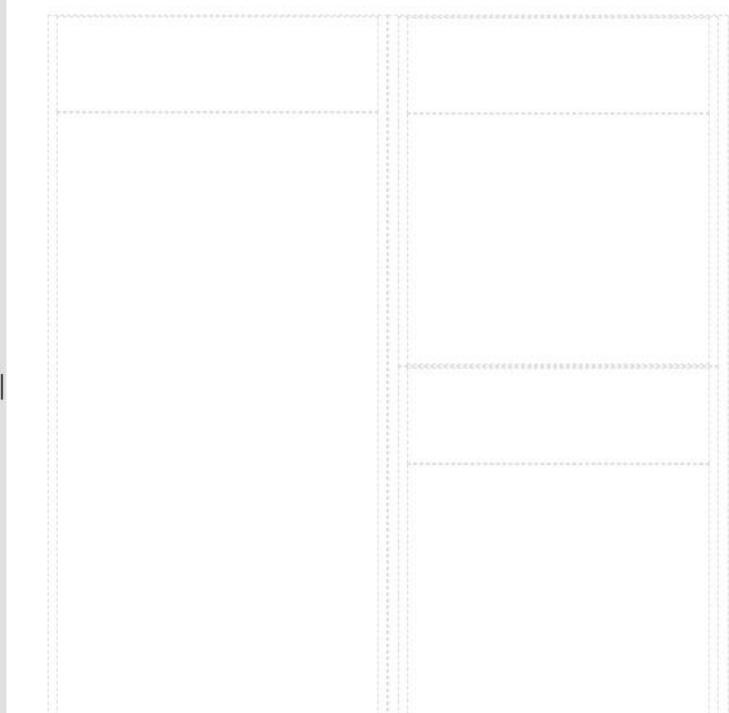
2 by 3 active report



2 column active report



2 columns



Template: **1 beside 2**

IBM Cognos Analytics with Watson * Retail inventory man ... Report 302 Search content : ? 🔔 ⚡

Edit Page preview Properties

Retail Inventory Stocks Analysis

cross-tab summary

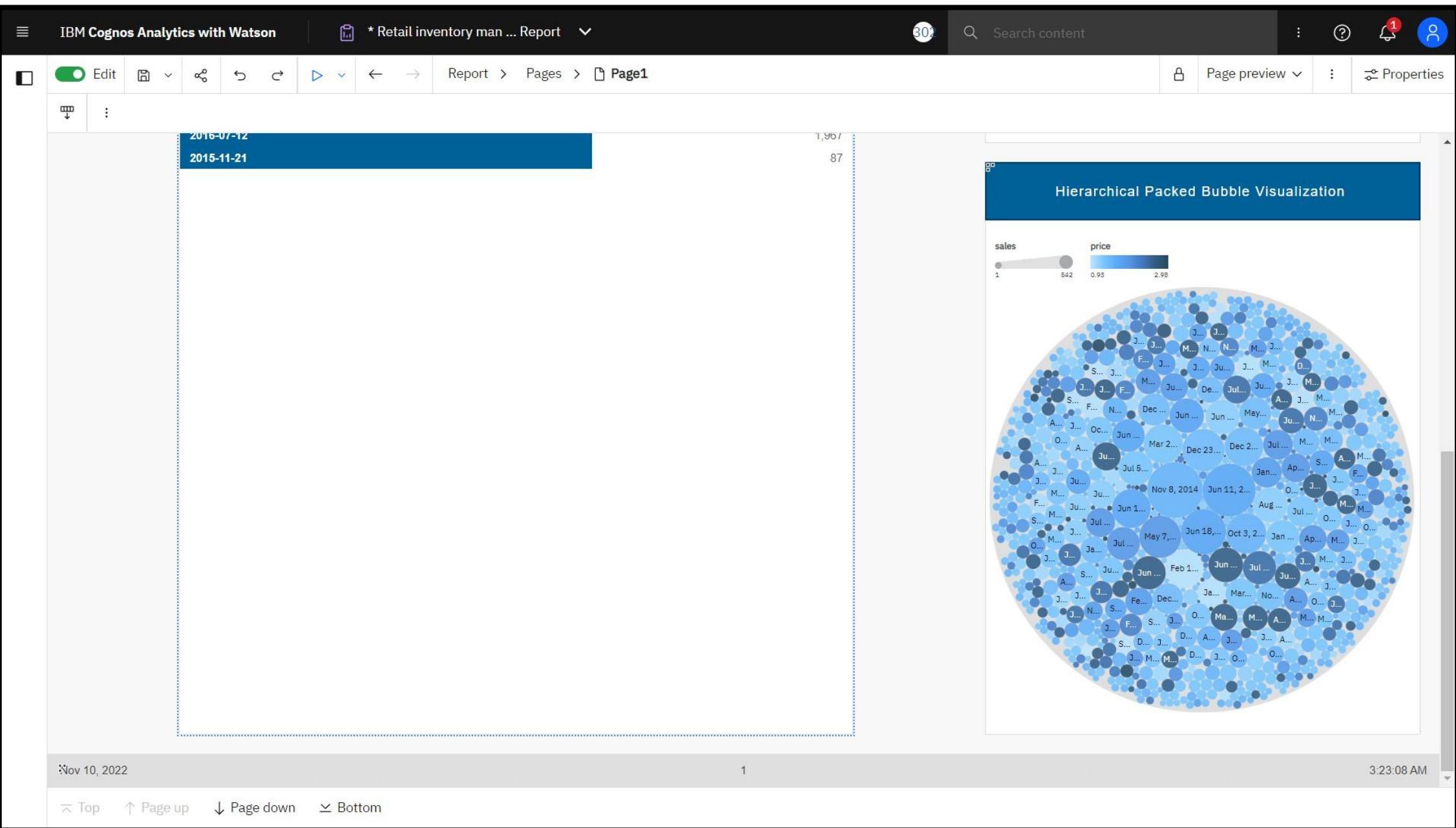
	price	stock
2014-06-24		2,046
2014-06-22		1,997
2014-06-20		2,135
2014-06-18		2,243
2014-06-16		2,285
2016-06-20		836
2014-06-14		2,328
2015-07-06		898
2014-06-12		2,136
2015-12-05		1,893
2014-06-10		1,946
2015-12-03		2,001
2015-12-01		1,348
2015-11-29		1,348
2015-11-27		1,348
2015-11-25		1,348
2015-09-08		575
2015-11-23		1,348
2016-07-12		1,967
2015-11-21		87

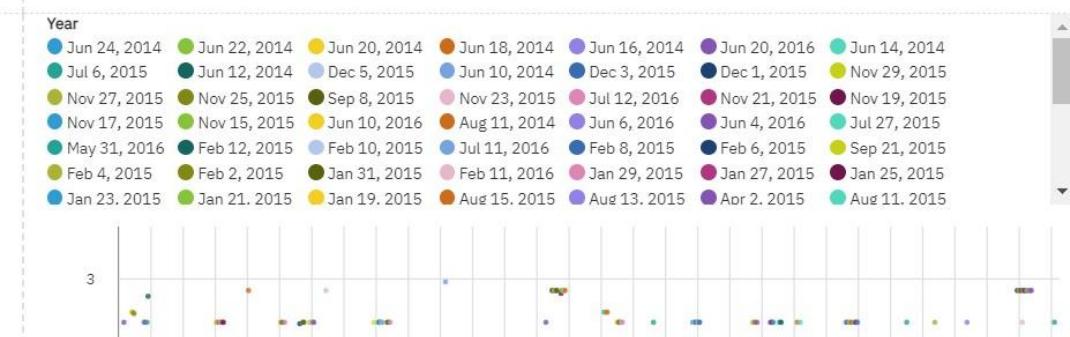
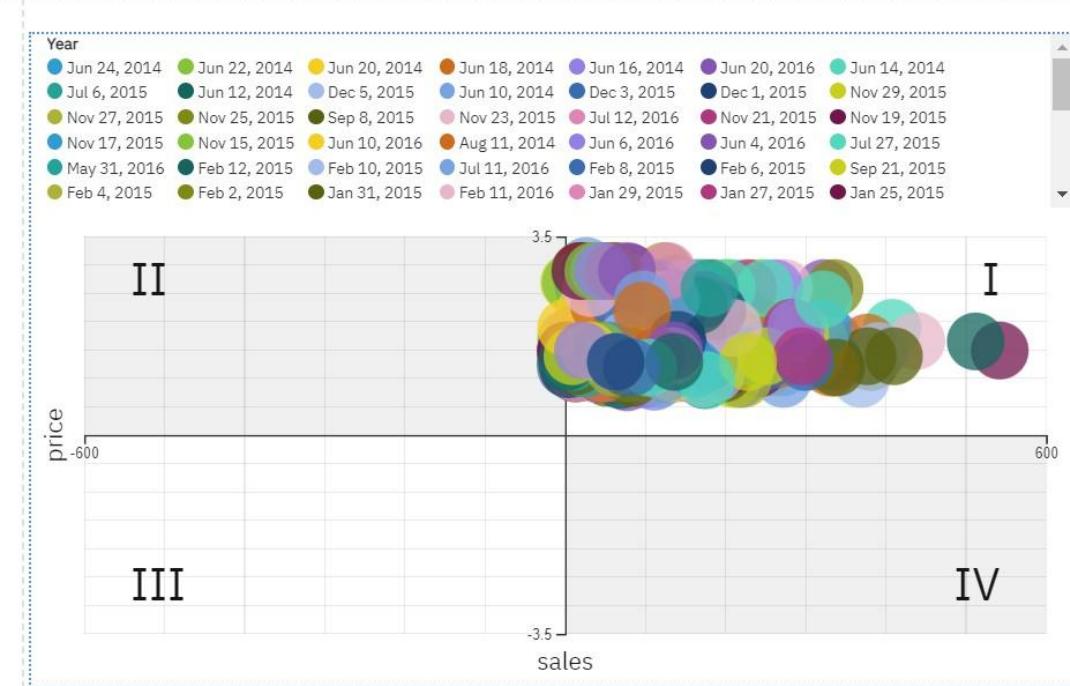
Clustered Column Visualization

price

Jun 24... Jul 20, 2015 Jan 27, 2016 Feb 5, 2016 Jun 11, 2016 Apr 26, 2016 Aug 21, 2016 Mar 22, 2016 Oct 31, 2015 Feb 19, 2016 Jan 25, 2016 Sep 5, 2015 May 20, 2016 Apr 18, 2016 May 22, 2016 Year

Top Page up Page down Bottom





The screenshot displays a complex dashboard from IBM Cognos Analytics with Watson. The top navigation bar includes 'Edit', 'Report', 'Pages', 'Page preview', and 'Properties' buttons. A search bar is also present.

The main content area features several data visualizations:

- A large treemap visualization on the left side, composed of numerous small rectangles representing data points over time.
- A bubble chart in the center-right showing 'price' on the y-axis (ranging from -600 to 600) and 'sales' on the x-axis (ranging from -3.5 to 3.5). It is divided into four quadrants labeled III and IV.
- A line chart on the bottom-left showing 'stock' on the y-axis (ranging from 0 to 8,000) against 'Year' on the x-axis. The x-axis labels are rotated.
- A scatter plot on the bottom-right showing 'price' on the y-axis (ranging from 0 to 3) against 'Year' on the x-axis. The x-axis labels are rotated.

Legend and other controls are visible on the right side of the dashboard.

