

Project Development Phase

Delivery of Sprint-1

Date	07 NOVEMBER 2022
Team ID	PNT2022TMID34242
Project Name	Global Sales Data Analytics

DATASET DOWNLOADING FROM KAGGLE:

The screenshot shows the Kaggle website interface. The top navigation bar includes a search bar and links for 'Create', 'Home', 'Competitions', 'Datasets', 'Code', 'Discussions', 'Learn', 'More', and 'Your Work'. The main content area displays the 'Global Super Store Dataset' by Apoorva Mahalingappa, updated 2 years ago. The dataset is described as 'Consumer and product Analytics on Global Super Store Data.' and has 56 votes. A 'Download (12 MB)' button is visible. The 'About Dataset' section includes a 'Context' paragraph and two main analysis points: 'Customers Analysis' and 'Product Analysis'. The 'Usability' score is 8.24, and the 'License' is 'Open Database, Cont...'. The 'Expected update frequency' is 'Monthly'. The bottom of the page shows a taskbar with an 'archive (1).zip' file and a Windows activation watermark.

DATA COLLECTION:

```
Sprint1.ipynb - Collaboratory
colab.research.google.com/drive/1Ab3ewGd_Glp_WVy09EF1DQ03A65xQ#scrollTo=KgEo8-ZdVIN

File Edit View Insert Runtime Tools Help
Code Text
[1] import numpy as np
import pandas as pd

[5] df=pd.read_csv('content/Global Superstores.csv',encoding='unicode_escape',engine='python')
print(df)

# Ship Date
0 12298 CA-2012-124895 15-07-2012 15-07-2012 Same Day
1 20341 US-2012-17878 05-02-2013 07-02-2013 Second Class
2 23336 US-2012-1248 17-09-2013 18-09-2013 First Class
3 17524 ES-2012-157342 28-01-2013 30-01-2013 First Class
4 47221 ES-2012-1538 07-10-2013 08-10-2013 Same Day
...
12192 CA-2012-111209 17-08-2011 21-08-2011 Standard Class
12193 44289 MD-2014-1408 22-01-2014 27-01-2014 Standard Class
12194 7493 US-2014-142796 27-09-2014 02-10-2014 Standard Class
12195 12194 ES-2012-1454545 20-01-2012 21-01-2012 Second Class
12196 13895 US-2012-206113 14-08-2011 20-08-2011 Standard Class

# Customer
0 89-13455 Rick Hansen Consumer New York City
1 39-15258 Justin Ritter Corporate Wellington
2 CR-12738 Craig Reiter Consumer Brisbane
3 89-15275 Katherine Murray Home Office Berlin
4 89-14455 Rick Hansen Consumer Dakar
...
12192 83-13558 Bob Jones Corporate Little Rock
12193 10-10170 Sarah Bern Consumer Rotterdam
12194 39-10950 Suzanne McNeil Corporate Taipei
12195 80-13778 Maxwell Scherz Consumer Torre de la Fronteira Turin
12196 39-13345 Denise Montan Corporate

# State
0 New York TEC-AC-10002813 Technology Accessories
1 New South Wales FDB-CH-10003958 Furniture Chairs
2 Queensland TEC-PH-10004564 Technology Phones
3 Berlin TEC-PH-10004563 Technology Phones
4 Dakar TEC-CH-10004561 Technology Copiers
...
12192 Arkansas TEC-AC-10004564 Technology Accessories
12193 Grand Caubana DFT-FIN-10002815 Office Supplies Storage
12194 Mexico TEC-PH-10004571 Technology Phones
12195 Australia FDB-BO-10004564 Furniture Bookcases
12196 Piedmont TEC-PH-10008

# Product
0 Plantronics CS50 - Over-the-Head headset w/... 289.000 7.0
1 Noxon Executive Leather Armchair, Black 1789.395 9.0
2 Noxon Smart Phone, with Caller ID 1215.171 9.0
3 Sharp Wireless Fax, High-Speed 2812.900 8.0
4 ...
...
12192 Logitech Gaming G540 - Keyboard 339.900 4.0
12193 Times Lockers, Industrial 489.200 2.0
12194 Motorola Headset, Cordless 271.300 5.0
12195 Seifco Stackable Bookcase, Traditional 296.800 2.0
12196 ... None None

# Discount Profit Shipping Cost Order Priority
0 0.0 762.1845 933.57 Critical
1 0.1 208.7058 933.65 Critical
2 0.3 928.9728 935.49 Medium
3 0.1 16.5480 935.35 Medium
4 0.0 351.5280 981.84 Critical
```

Login into the IBM Cognos Analytics Account

IBM Cognos Analytics with Watson

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](#)

Profile and settings

Update profile and settings

Profile Settings

Email paulian300@gmail.com

Advanced options

Credentials Renew

My credentials Manage

Groups and roles View details

My capabilities View details

Logging Manage

AI learning Manage

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

Create sopl dashboards

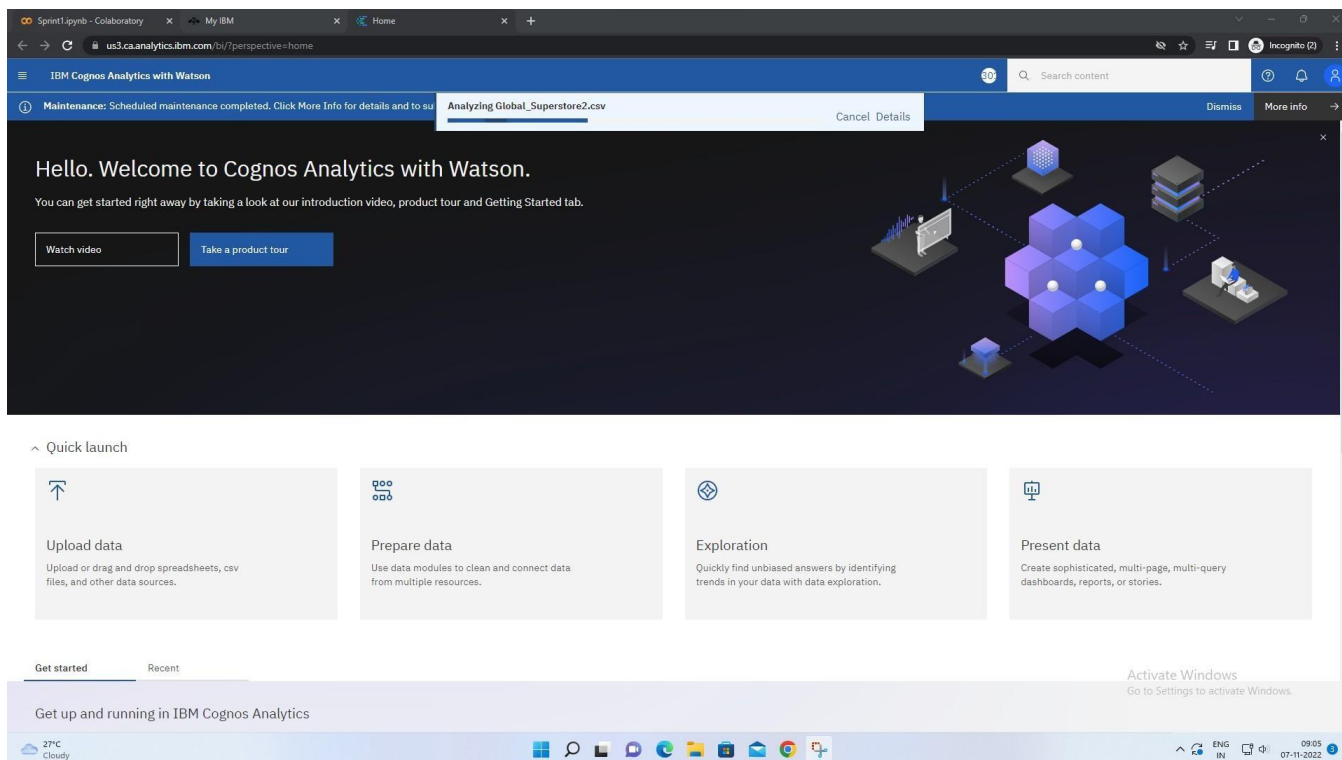
Get started Recent

Get up and running in IBM Cognos Analytics

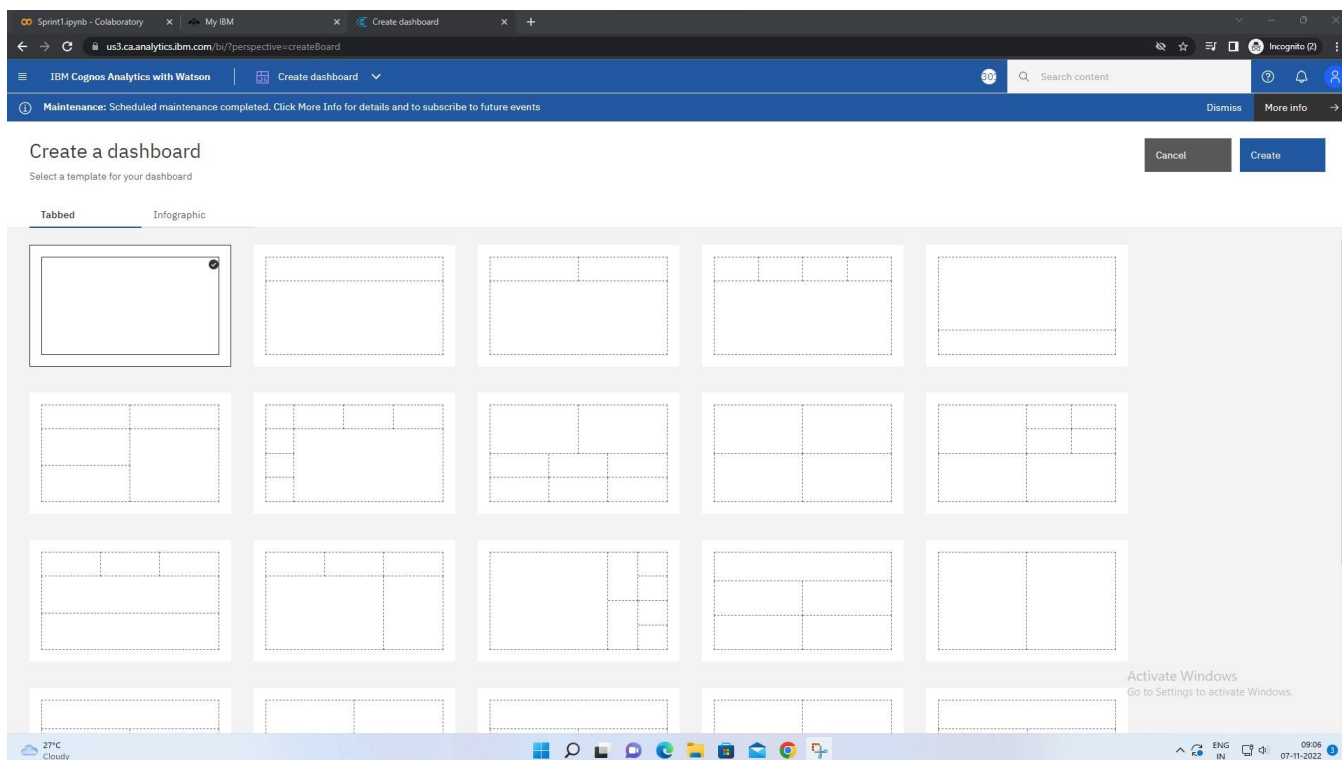
<https://us3.ca.analytics.ibm.com/bi/?perspective=home#>

Activate Windows
Go to Settings to activate Windows.

UPLOADING DATASET IN IBM COGNOS ANALYTICS:



CREATING NEW DASHBOARD:



UNDERSTANDING THE DATASET:

The screenshot displays the IBM Cognos Analytics web application interface. The browser address bar shows the URL: `us3.ca.analytics.ibm.com/bi/?perspective=dashboard&id=dashboard_1147076a-c354-4046-a33c-36c2d369905a&ui_appbar=true&options%5BdisableGlassPrefetch%5D=true&options%5Bcollections%5D%5BcanvasExtension%5D%5Bid%5D...`. The application header includes the text "IBM Cognos Analytics with Watson" and a "New dashboard" button. A search bar is present with the placeholder text "Search content".

The main interface is divided into several sections:

- Left Panel (Selected sources):** Contains a search bar and a list of data sources. The source "Global_Superstore2.csv" is selected. Below it, a list of fields is visible, including: Row ID, Order ID, Order Date, Ship Date, Ship Mode, Customer ID, Customer Name, Segment, City, State, Country, Postal Code, Market, Region, Product ID, Category, Sub-Category, Product Name, Sales, Quantity, and Discount.
- Top Panel:** Includes tabs for "All tabs" and "This tab". Below the tabs, there are instructions: "Drag and drop data here to filter all tabs." and "Drag and drop data here to filter this tab."
- Main Canvas:** A large grid area labeled "Tab 1" with a "+" icon. It is currently empty, with a faint "Activate Windows" watermark in the bottom right corner.
- Bottom Panel:** A Windows taskbar is visible at the bottom of the screen, showing the system clock as 09:07 on 07-11-2022, and the weather as 27°C Cloudy.