

Project Development Phase

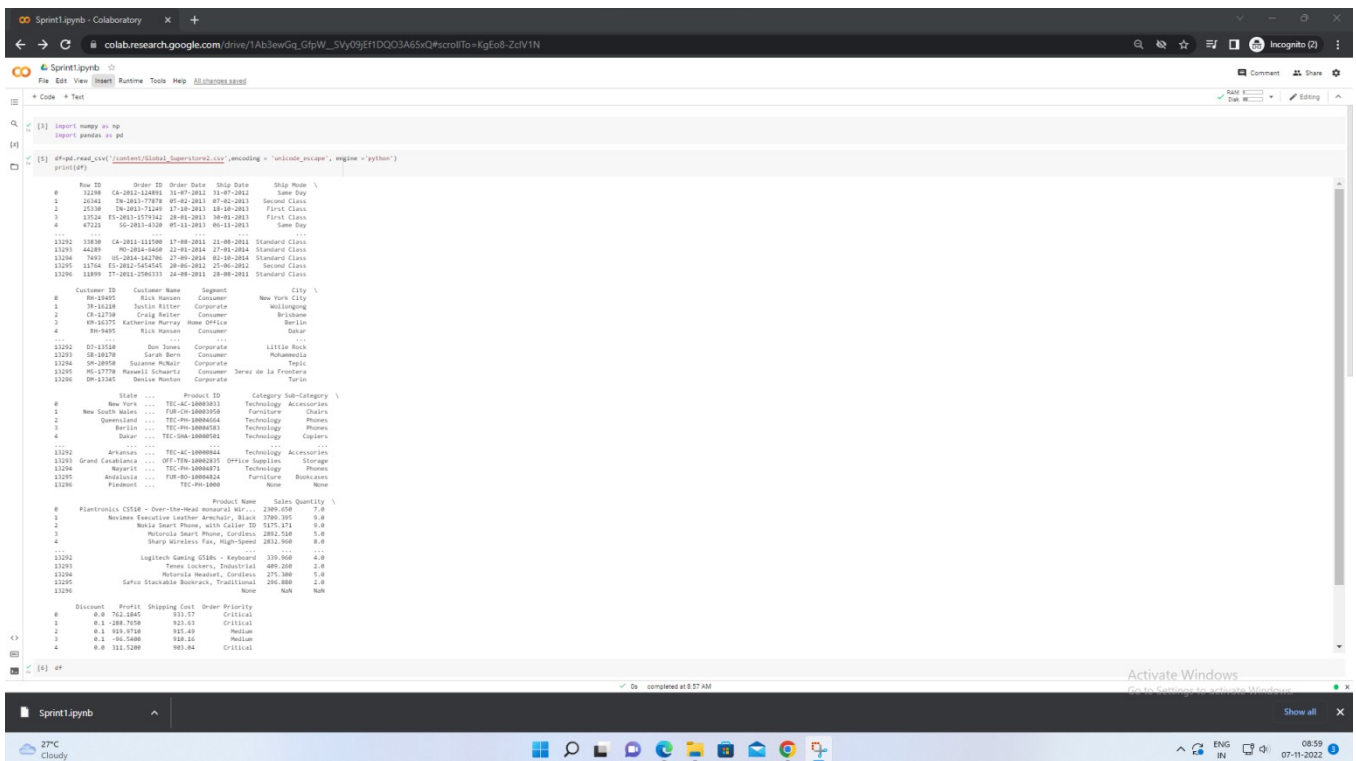
Delivery of Sprint-1

Date	08 NOVEMBER 2022
Team ID	PNT2022TMID40233
Project Name	Global Sales Data Analytics
Team Leader	Elumalai.R

DATASET DOWNLOADING FROM KAGGLE:

The screenshot shows the Kaggle website interface. The browser's address bar displays the URL: `kaggle.com/datasets/apoorvaappz/global-super-store-dataset?resource=download`. The page features a sidebar with navigation options: 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. It includes a search bar, a 'New Notebook' button, and a 'Download (12 MB)' button. The dataset description is 'Consumer and product Analytics on Global Super Store Data.' Below this, there are tabs for 'Data', 'Code (9)', and 'Discussion (2)'. The 'About Dataset' section provides context on the dataset, mentioning the need for online shopping during the COVID-19 pandemic. It lists two main analysis areas: Customers Analysis and Product Analysis, each with specific tasks. The 'Usability' score is 8.24, and the license is 'Open Database, Cont...'. The expected update frequency is 'Monthly'. An 'Activate Windows' watermark is visible in the bottom right corner.

DATA COLLECTION:



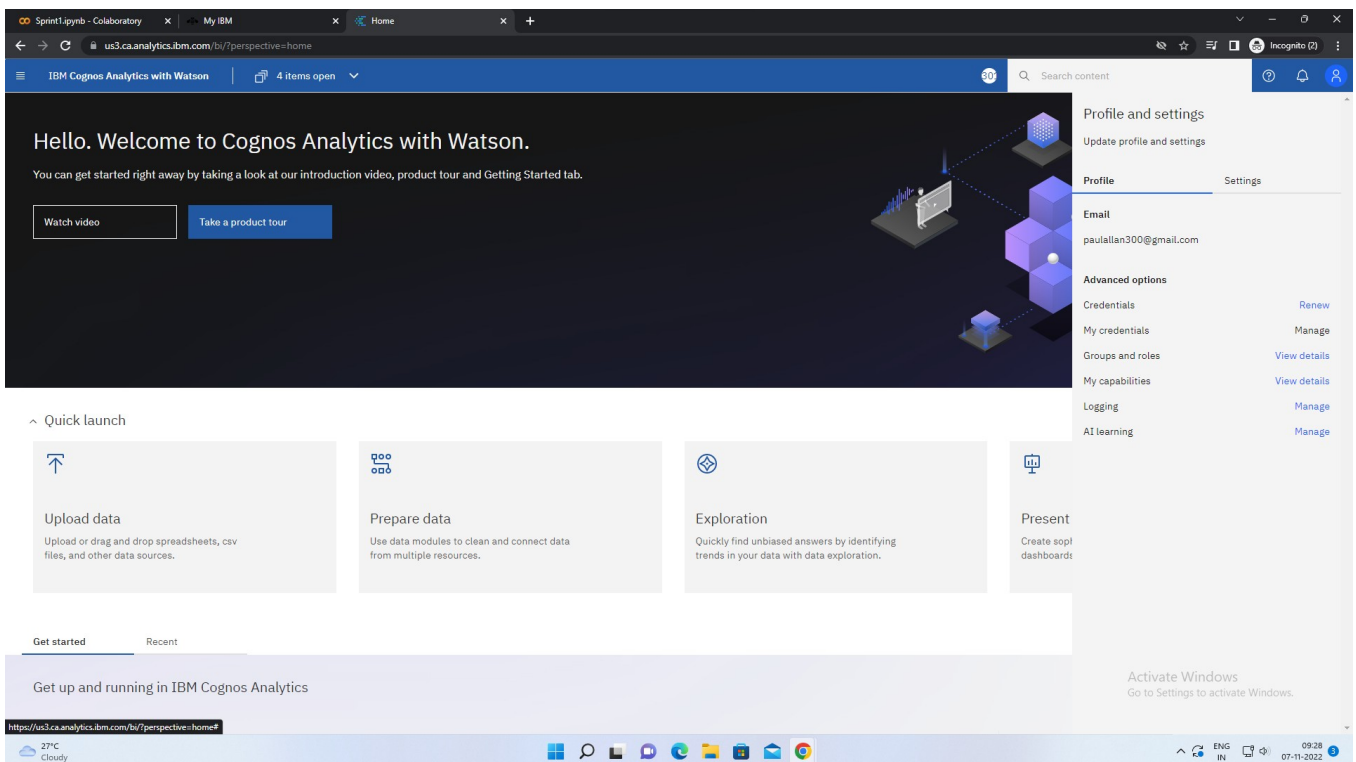
The screenshot shows a Jupyter Notebook titled 'Sprint1.ipynb' in a web browser. The code in the notebook is as follows:

```
[1]: import numpy as np
import pandas as pd

[2]: df=pd.read_csv('content/Global_Superstore.csv',encoding='unicode_escape',engine='python')
print(df)
```

The output of the code is a preview of the 'Global_Superstore.csv' dataset, showing columns like Row ID, Order ID, Order Date, Ship Date, Ship Mode, Customer ID, Customer Name, Segment, Region, City, State, Product ID, Category, Sub-Category, Product Name, Sales, Quantity, Discount, Profit, Shipping Cost, Order Priority, and Order Date. The data is presented in a tabular format with multiple rows and columns.

Login into the IBM Cognos Analytics Account



The screenshot shows the IBM Cognos Analytics with Watson dashboard. The main heading is 'Hello. Welcome to Cognos Analytics with Watson.' Below this, there is a message: 'You can get started right away by taking a look at our introduction video, product tour and Getting Started lab.' There are two buttons: 'Watch video' and 'Take a product tour'.

On the right side, there is a 'Profile and settings' sidebar with options like 'Update profile and settings', 'Profile', 'Settings', 'Email', 'Advanced options', 'Credentials', 'My credentials', 'Groups and roles', 'My capabilities', 'Logging', and 'AI learning'.

Below the main heading, there is a 'Quick launch' section with four cards: 'Upload data', 'Prepare data', 'Exploration', and 'Present'.

At the bottom, there is a 'Get started' section with a 'Recent' tab and a 'Get up and running in IBM Cognos Analytics' link.

UPLOADING DATASET IN IBM COGNOS ANALYTICS:

The screenshot shows the IBM Cognos Analytics with Watson home page in a web browser. The browser tabs include 'Sprint1.ipynb - Colaboratory', 'My IBM', and 'Home'. The address bar shows 'us3.ca.analytics.ibm.com/bi/?perspective=home'. The page has a blue header with the IBM Cognos Analytics with Watson logo and a search bar. A maintenance notification is visible: 'Maintenance: Scheduled maintenance completed. Click More Info for details and to su'. The main content area features a welcome message: '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.' Below this are two buttons: 'Watch video' and 'Take a product tour'. To the right is a 3D isometric graphic of blue cubes and a server rack. Below the main content is a 'Quick launch' section with four cards: '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.), and 'Present data' (Create sophisticated, multi-page, multi-query dashboards, reports, or stories.). At the bottom, there is a 'Get started' tab and a 'Recent' tab. The Windows taskbar at the bottom shows the date as 07-11-2022 and the time as 09:05.

CREATING NEW DASHBOARD:

The screenshot shows the 'Create a dashboard' page in IBM Cognos Analytics. The browser tabs include 'Sprint1.ipynb - Colaboratory', 'My IBM', and 'Create dashboard'. The address bar shows 'us3.ca.analytics.ibm.com/bi/?perspective=createBoard'. The page has a blue header with the IBM Cognos Analytics with Watson logo and a search bar. A maintenance notification is visible: 'Maintenance: Scheduled maintenance completed. Click More Info for details and to subscribe to future events'. The main content area is titled 'Create a dashboard' and has a subtitle 'Select a template for your dashboard'. There are two buttons: 'Cancel' and 'Create'. Below the buttons is a grid of dashboard templates. The first template is selected. The templates are arranged in a grid with columns for 'Tabbed' and 'Infographic' views. The Windows taskbar at the bottom shows the date as 07-11-2022 and the time as 09:06.

UNDERSTANDING THE DATASET:

The screenshot displays the IBM Cognos Analytics web application interface. The browser window shows the URL: `us3.ca.analytics.ibm.com/bi/?perspective=dashboard&id=dashboard_1147076a-c354-4046-a33c-36c2d369985a&ui_appbar=true&options%5BdisableGlassPrefetch%5D=true&options%5Bcollections%5D%5BcanvasExtension%5D%5Bbid%5D...`. The application header includes the IBM Cognos Analytics with Watson logo, a 'New dashboard' button, and a search bar. The main workspace is divided into three panes: a left-hand 'Selected sources' pane, a top 'All tabs' pane, and a large central 'Tab 1' workspace. The 'Selected sources' pane shows a tree view for 'Global_Superstore2.csv' with a search bar and a list of fields: 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. The 'All tabs' pane shows a single tab labeled 'Tab 1' with a plus sign and a prompt to 'Drag and drop data here to filter all tabs.' The central 'Tab 1' workspace is a large grid area with a prompt to 'Drag and drop data here to filter this tab.' and an 'Activate Windows' watermark in the bottom right corner. The bottom of the screen shows a Windows taskbar with various application icons and a system tray displaying the date and time as 09:07 on 07-11-2022.