

Project Development Phase

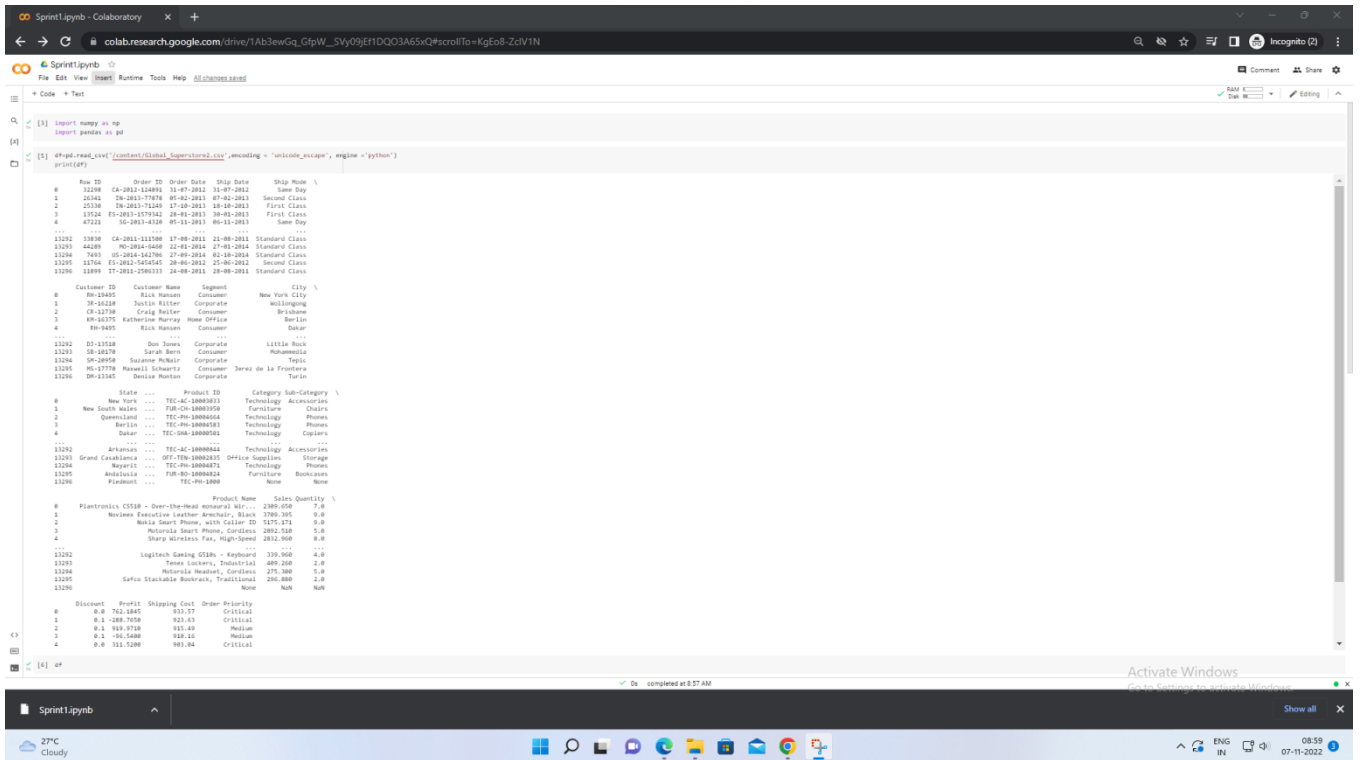
Delivery of Sprint-1

Date	07 NOVEMBER 2022
Team ID	PNT2022TMID00819
Project Name	Global Sales Data Analytics
Team Leader	NANDA KUMAR B

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 'Download (12 MB)' button and a 'New Notebook' 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 goals: 'Customers Analysis' and 'Product Analysis', each with a list of tasks. The 'Usability' score is 8.24, and the 'License' is 'Open Database, Cont...'. The 'Expected update frequency' is 'Monthly'. At the bottom, there is a 'View Active Events' link and an 'Activate Windows' watermark.

DATA COLLECTION:



The screenshot shows a Jupyter Notebook interface in a web browser. The notebook is titled "Sprint1.ipynb" and is located in a Google Drive folder. The code in the notebook is as follows:

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

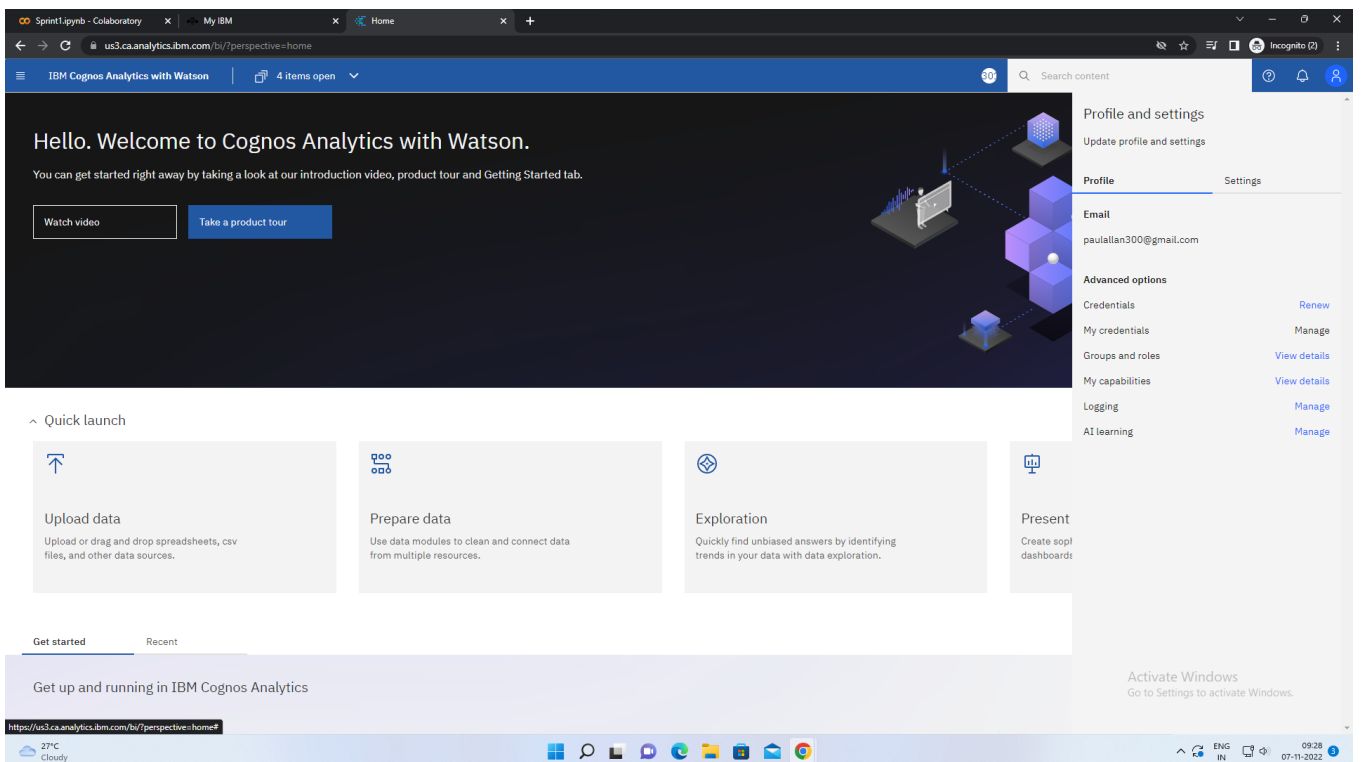
[2] df=pd.read_csv('content(2)label_Superstore.csv',encoding='unicode_escape',engine='python')
print(df)
```

The output of the code is a large table of data. The first few rows are:

Row ID	Order ID	Order Date	Ship Date	Ship Mode	
0	12190	CA-2013-124901	12-09-2013	12-09-2013	Same Day
1	20243	IN-2013-17979	05-02-2013	07-02-2013	Second Class
2	23130	IN-2013-17240	17-10-2013	18-10-2013	First Class
3	15524	ES-2013-157042	20-01-2013	30-01-2013	First Class
4	47221	SC-2013-4128	05-11-2013	06-11-2013	Same Day

The table continues with many more rows, showing various orders and their details. The notebook interface includes a toolbar with options like File, Edit, View, Insert, Runtime, Tools, and Help. The bottom of the screen shows a Windows taskbar with the date 07-11-2022 and time 08:55.

Login into the IBM Cognos Analytics Account



UPLOADING DATASET IN IBM COGNOS ANALYTICS:

The screenshot shows the IBM Cognos Analytics with Watson interface. The browser address bar displays `us3.ca.analytics.ibm.com/bi/?perspective=home`. The page header includes a search bar and a notification about scheduled maintenance. The main content area features a welcome message and two buttons: "Watch video" and "Take a product tour". Below this, a "Quick launch" section contains four cards: "Upload data", "Prepare data", "Exploration", and "Present data". The "Upload data" card is highlighted, showing instructions to upload or drag and drop spreadsheets, CSV files, and other data sources. The bottom of the page shows a Windows taskbar with the date 07-11-2022 and time 09:05.

CREATING NEW DASHBOARD:

The screenshot shows the "Create a dashboard" page in IBM Cognos Analytics. The browser address bar displays `us3.ca.analytics.ibm.com/bi/?perspective=createBoard`. The page header includes a search bar and a notification about scheduled maintenance. The main content area features a "Create a dashboard" section with a "Select a template for your dashboard" prompt. Below this, a grid of dashboard templates is displayed, including "Tabbed" and "Infographic" views. The "Tabbed" view is selected, showing a grid of 16 templates. The bottom of the page shows a Windows taskbar with the date 07-11-2022 and time 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 logo, a "New dashboard" button, and a search bar. The main interface is divided into several sections:

- Left Panel (Selected sources):** Displays the loaded dataset "Global_Superstore2.csv". Below it, a search bar and a list of available fields are shown, 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 (All tabs):** Shows two tabs: "All tabs" and "This tab". Both tabs have a placeholder text: "Drag and drop data here to filter all tabs." and "Drag and drop data here to filter this tab." respectively.
- Main Canvas (Tab 1):** A large grid area for visualizing data. It currently contains an "Activate Windows" watermark that says "Go to Settings to activate Windows."
- Bottom Panel:** A Windows taskbar is visible at the bottom of the screen, showing the date and time as 09:07 on 07-11-2022.