

Project Development Phase

Delivery of Sprint-1

Date	07 NOVEMBER 2022
Team ID	PNT2022TMID48417
Project Name	Global Sales Data Analytics

DATASET DOWNLOADING FROM KAGGLE:

The screenshot displays the Kaggle website interface. At the top, there's a search bar and a navigation sidebar on the left with options like 'Create', 'Home', 'Competitions', 'Datasets', 'Code', 'Discussions', 'Learn', 'More', and 'Your Work'. The main content area shows the 'Global Super Store Dataset' page, updated 2 years ago by APOORVA MAHALINGAPPA. The dataset is described as 'Consumer and product Analytics on Global Super Store Data.' There's a 'Download (12 MB)' button and a 'New Notebook' button. Below the dataset title, there's a section 'About Dataset' with a 'Context' paragraph and a list of questions for analysis. The 'Usability' section shows a score of 8.24. The 'License' section shows 'Database: Open Database, Cont...'. The 'Expected update frequency' section shows 'Monthly'. At the bottom, there's a 'View Active Events' button and an 'archive (1).zip' file.

DATA COLLECTION:

The screenshot shows a Jupyter Notebook in the Sprints IDE. The code in the first cell imports 'pandas as pd' and reads a CSV file from a Google Drive link. The output displays several dataframes. The first dataframe, 'df', contains order data with columns: Row ID, Order ID, Order Date, Ship Date, and Ship Mode. The second dataframe, 'df2', contains customer data with columns: Customer ID, Customer Name, Segment, and City. The third dataframe, 'df3', contains product data with columns: State, Product ID, and Category Sub-Category. The fourth dataframe, 'df4', contains product details with columns: Product Name, Sales Quantity, and Price. The fifth dataframe, 'df5', contains shipping data with columns: Discount, Profit, Shipping Cost, and Order Priority.

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

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

Row ID	Order ID	Order Date	Ship Date	Ship Mode
0	12298	CA-2012-124980	11-07-2012	Same Day
1	26343	DN-2013-77879	05-02-2013	Second Class
2	27338	DN-2013-77310	17-10-2013	First Class
3	17524	ES-2013-157942	28-03-2013	First Class
4	47221	00-2013-4109	01-11-2013	Same Day

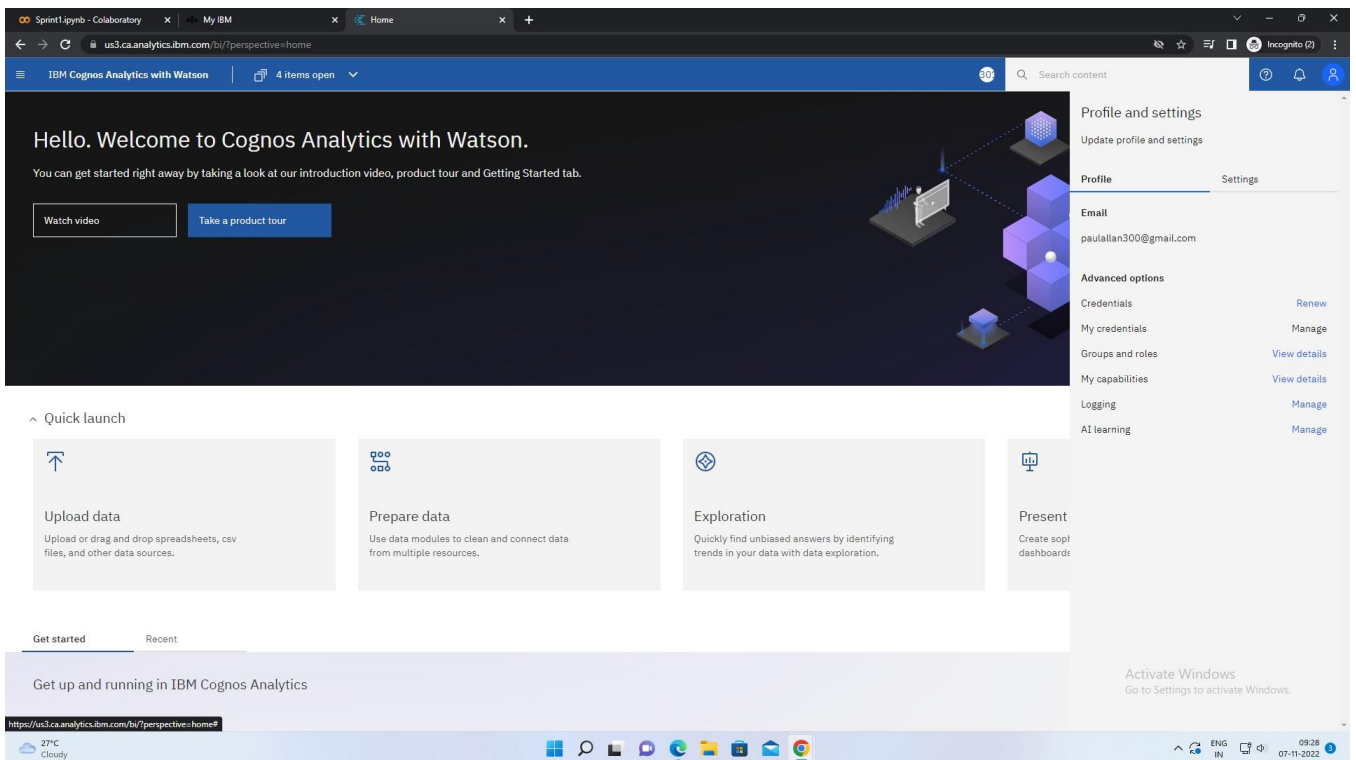
Customer ID	Customer Name	Segment	City
0	80-10405	Business	New York City
1	28-14128	Business	Washington
2	13-17758	Consumer	Berlin
3	69-14175	Business	London
4	80-10405	Business	New York City

State	Product ID	Category Sub-Category
0	12298	Technology Accessories
1	26343	Furniture Chairs
2	27338	Technology Phones
3	17524	Technology Phones
4	47221	Technology Copiers

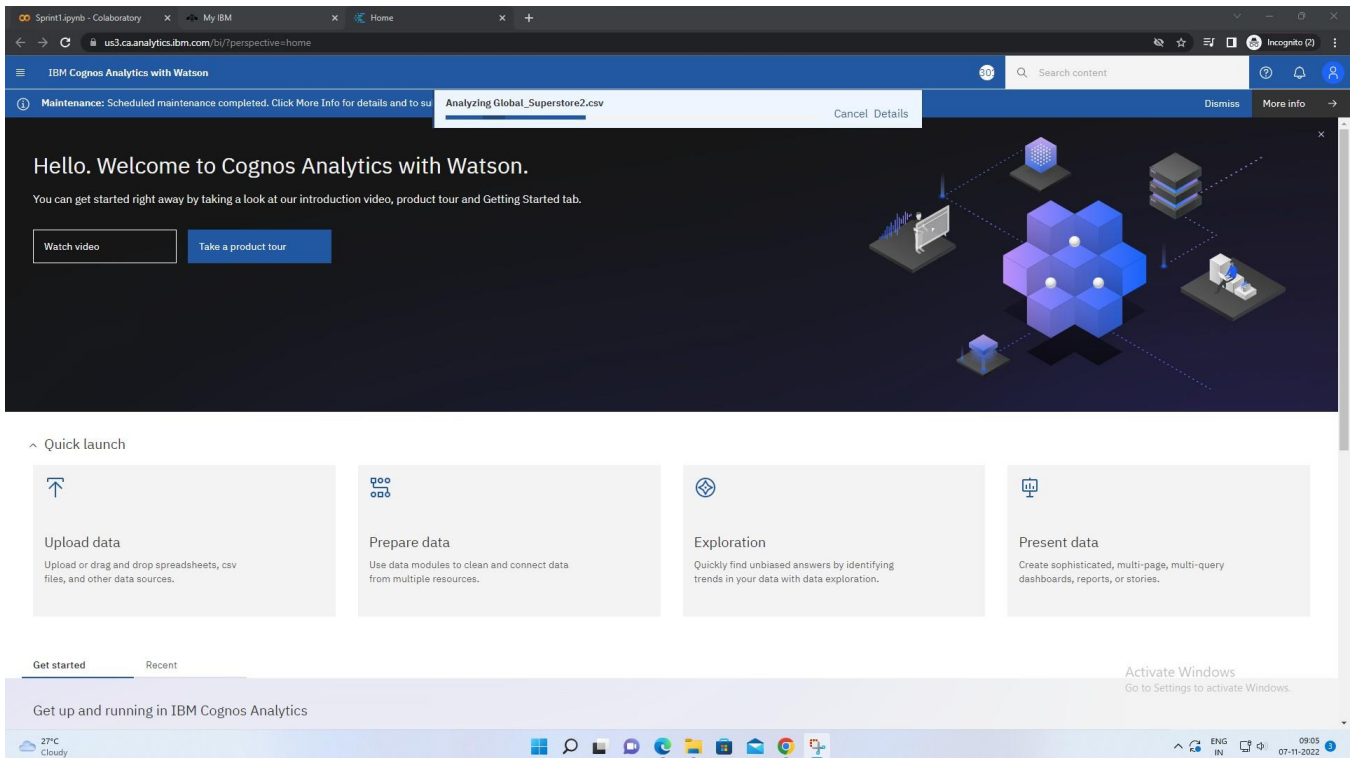
Product Name	Sales Quantity	Price
0	12298	298.00
1	26343	399.95
2	27338	515.15
3	17524	548.00
4	47221	800.00

Discount	Profit	Shipping Cost	Order Priority
0	0.0	762.1845	Critical
1	0.1	388.1658	Critical
2	0.1	938.9718	Medium
3	0.1	16.5488	Medium
4	0.0	311.5288	Critical

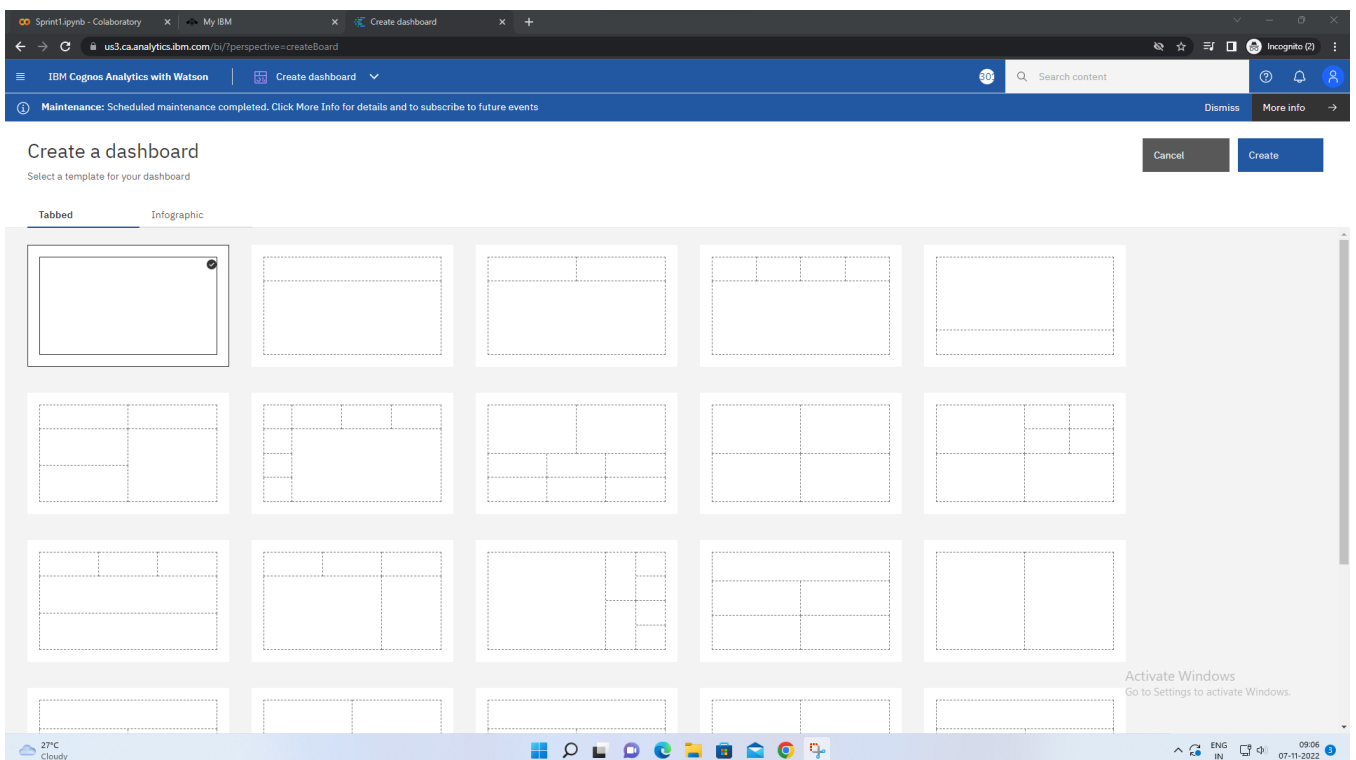
Login into the IBM Cognos Analytics Account



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-36c2d369985a&ui_appbar=true&options%5BdisableGlassPrefetch%5D=true&options%5Bcollections%5D%5BcanvasExtension%5D%5Bd%5D...`. The application header includes the text "IBM Cognos Analytics with Watson" and a "New dashboard" button. A search bar is located in the top right corner.

The main workspace is divided into several sections:

- Selected sources:** A sidebar on the left showing the loaded data source "Global_Superstore2.csv". Below it, a search bar and a list of fields are 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".
- Analytics pane:** The top right section with tabs for "Analytic", "Filters", "Fields", and "Properties".
- Visualizations:** The central area contains two tabs: "All tabs" and "This tab". Both tabs display a large grid with the instruction "Drag and drop data here to filter all tabs." and "Drag and drop data here to filter this tab." respectively.

The bottom of the screen shows a Windows taskbar with the date and time "09:07 07-11-2022" and the language "ENG IN".