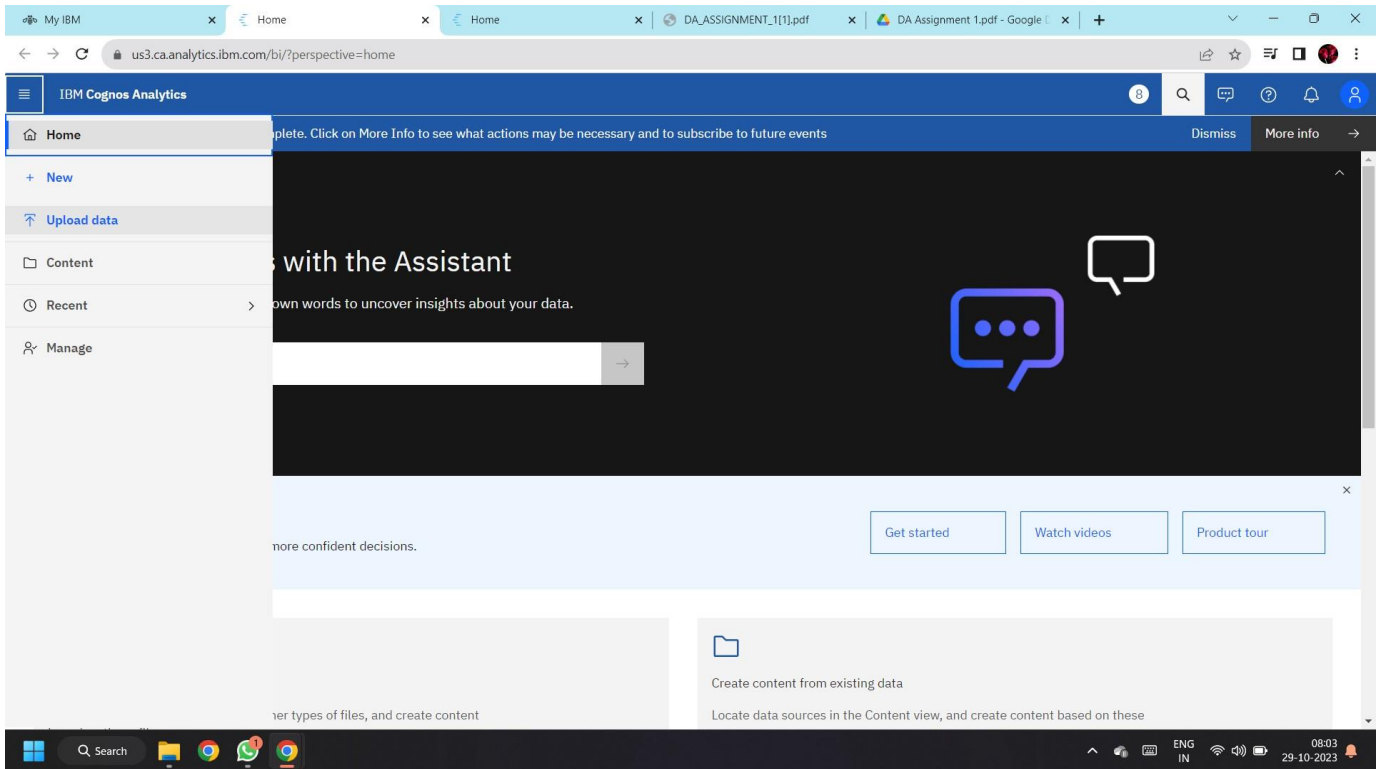
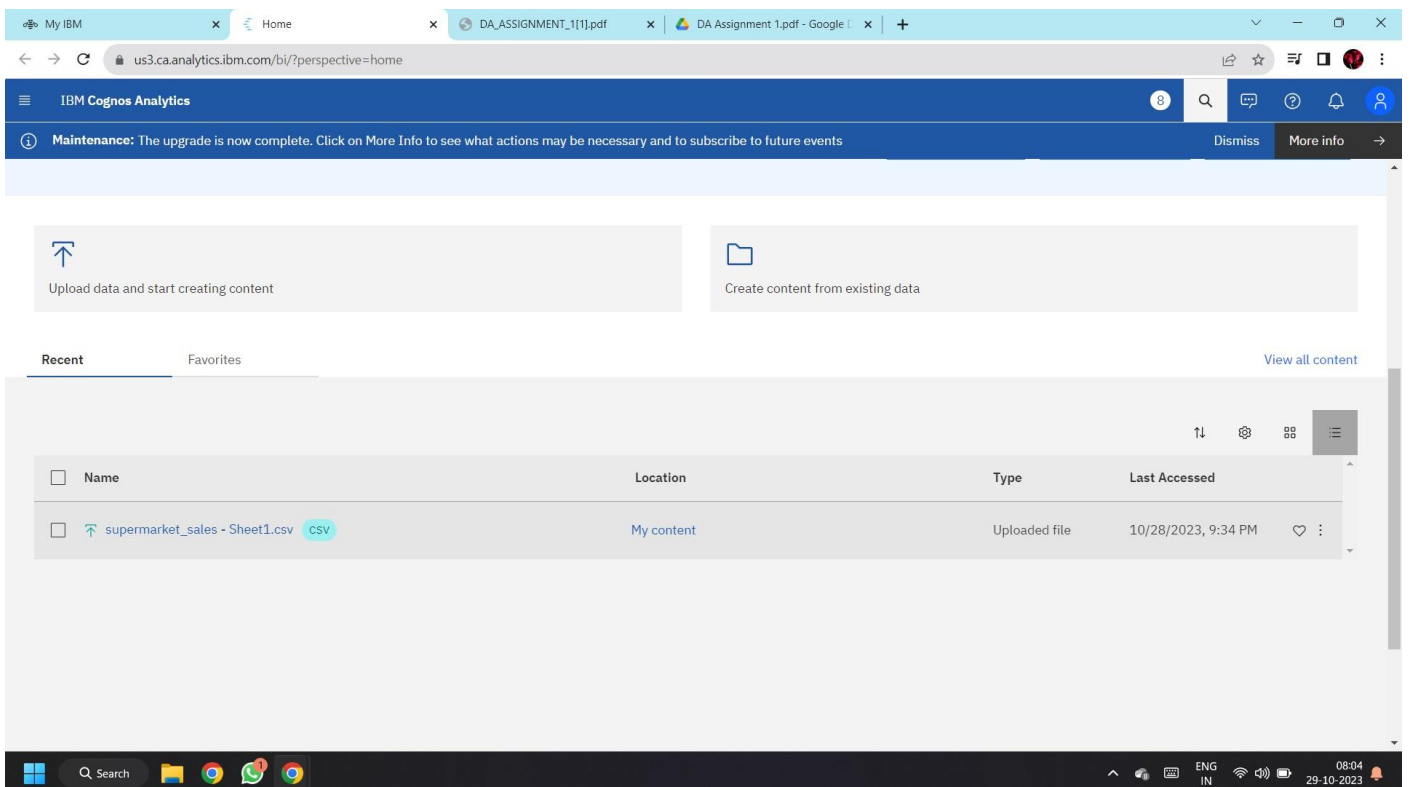


DA Assignment – 1

Step 1: Uploading the dataset.



Step 2: After uploading the dataset



Step 3: Clear the unnecessary data into the dataset.

My IBM | * New data module

us3.ca.analytics.ibm.com/bi/?perspective=ca-modeller&id=2349892271_44d95a5b7509417a803da4c412d616f9_sessionTemp&objRef=&tid=2349892271_44d95a5b7509417a803da4c412d616f9_se...

IBM Cognos Analytics | * New data module

Maintenance: The upgrade is now complete. Click on More Info to see what actions may be necessary and to subscribe to future events

Properties

Data module

Grid Relationships Custom tables

Row Id Invoice ID Branch City Customer type Gender Product line

Filter...

Create calculation...

Create data group...

Create navigation path...

Search for members...

Refresh members

Show to users

Remove

Refresh properties...

Format data...

Clean...

Rename

Cut

Copy

Export language

Properties

Row Id	Invoice ID	Branch	City	Customer type	Gender	Product line
	750-67-8428	A	Yangon	Member	Female	Health and beau
	226-31-3081	C	Naypyitaw	Normal	Female	Electronic acces
	631-41-3108	A	Yangon	Normal	Male	Home and lifest
	123-19-1176	A	Yangon	Member	Male	Health and beau
	373-73-7910	A	Yangon	Normal	Male	Sports and trave
	699-14-3026	C	Naypyitaw	Normal	Male	Electronic acces
	355-53-5943	A	Yangon	Member	Female	Electronic acces
	315-22-5665	C	Naypyitaw	Normal	Female	Home and lifest
	665-32-9167	A	Yangon	Member	Female	Health and beau
	692-92-5582	B	Mandalay	Member	Female	Food and bevera
	351-62-0822	B	Mandalay	Member	Female	Fashion accessc
	529-56-3974	B	Mandalay	Member	Male	Electronic acces

16:27 29-10-2023

My IBM | * New data module

us3.ca.analytics.ibm.com/bi/?perspective=ca-modeller&id=2349892271_44d95a5b7509417a803da4c412d616f9_sessionTemp&objRef=&tid=2349892271_44d95a5b7509417a803da4c412d616f9_se...

IBM Cognos Analytics | * New data module

Properties

Data module

Grid Relationships Custom tables

Branch City Customer type Gender Product line Unit price Quantity

Filter...

Create data group...

Create navigation path...

Search for members...

Refresh members

Split...

Hide from users

Remove

Refresh properties...

Format data...

Clean...

Rename

Cut

Copy

Export language

Properties

Branch	City	Customer type	Gender	Product line	Unit price	Quantity
A	Yangon	Member	Female	Health and beauty	74.69	7
	Naypyitaw	Normal	Female	Electronic accessories	15.28	5
	Yangon	Normal	Male	Home and lifestyle	46.33	7
	Yangon	Member	Male	Health and beauty	58.22	8
	Yangon	Normal	Male	Sports and travel	86.31	7
	Naypyitaw	Normal	Male	Electronic accessories	85.39	7
	Yangon	Member	Female	Electronic accessories	68.84	6
	Naypyitaw	Normal	Female	Home and lifestyle	73.56	10
	Yangon	Member	Female	Health and beauty	36.26	2
	Mandalay	Member	Female	Food and beverages	54.84	3
	Mandalay	Member	Female	Fashion accessories	14.48	4
	Mandalay	Member	Male	Electronic accessories	25.51	4
	Yangon	Normal	Female	Electronic accessories	46.95	5

16:30 29-10-2023

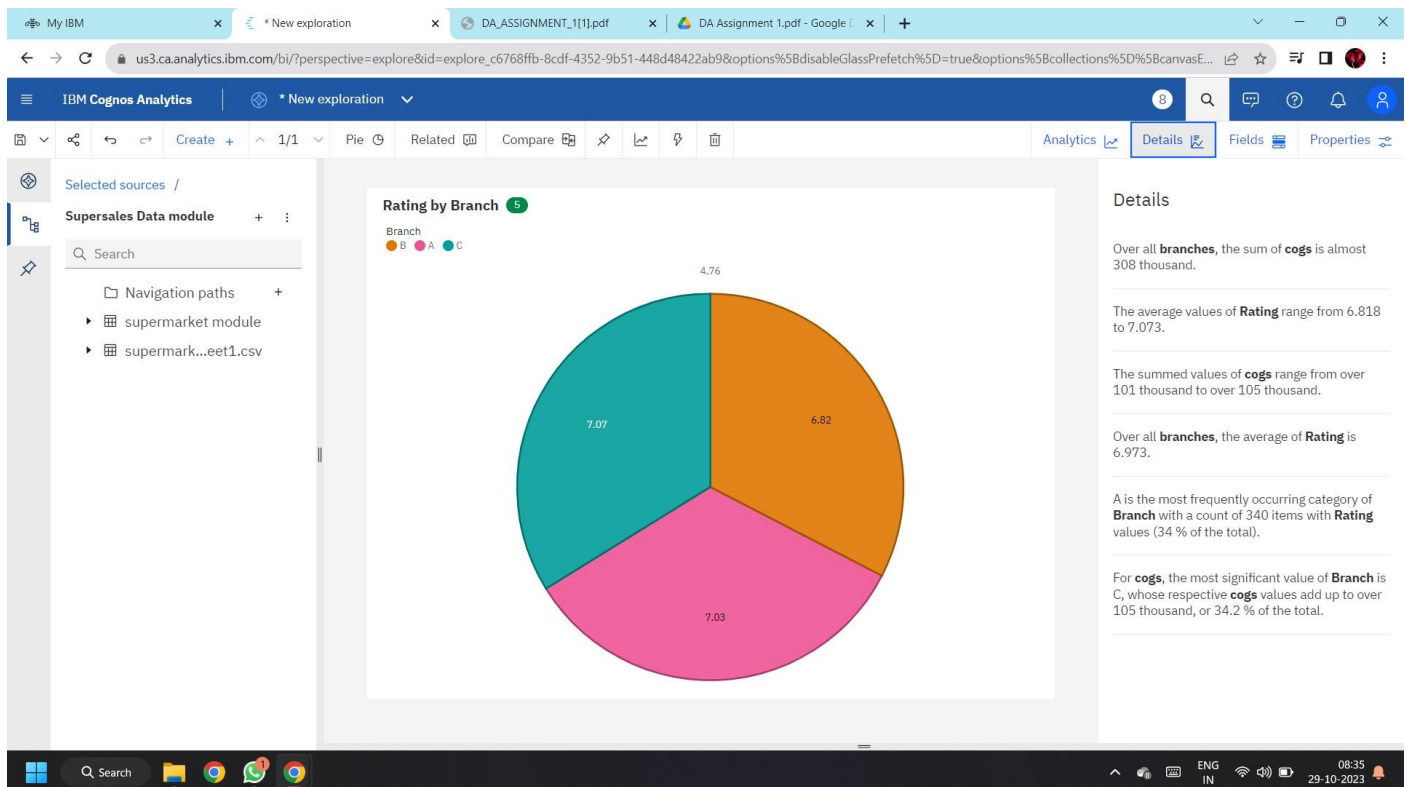
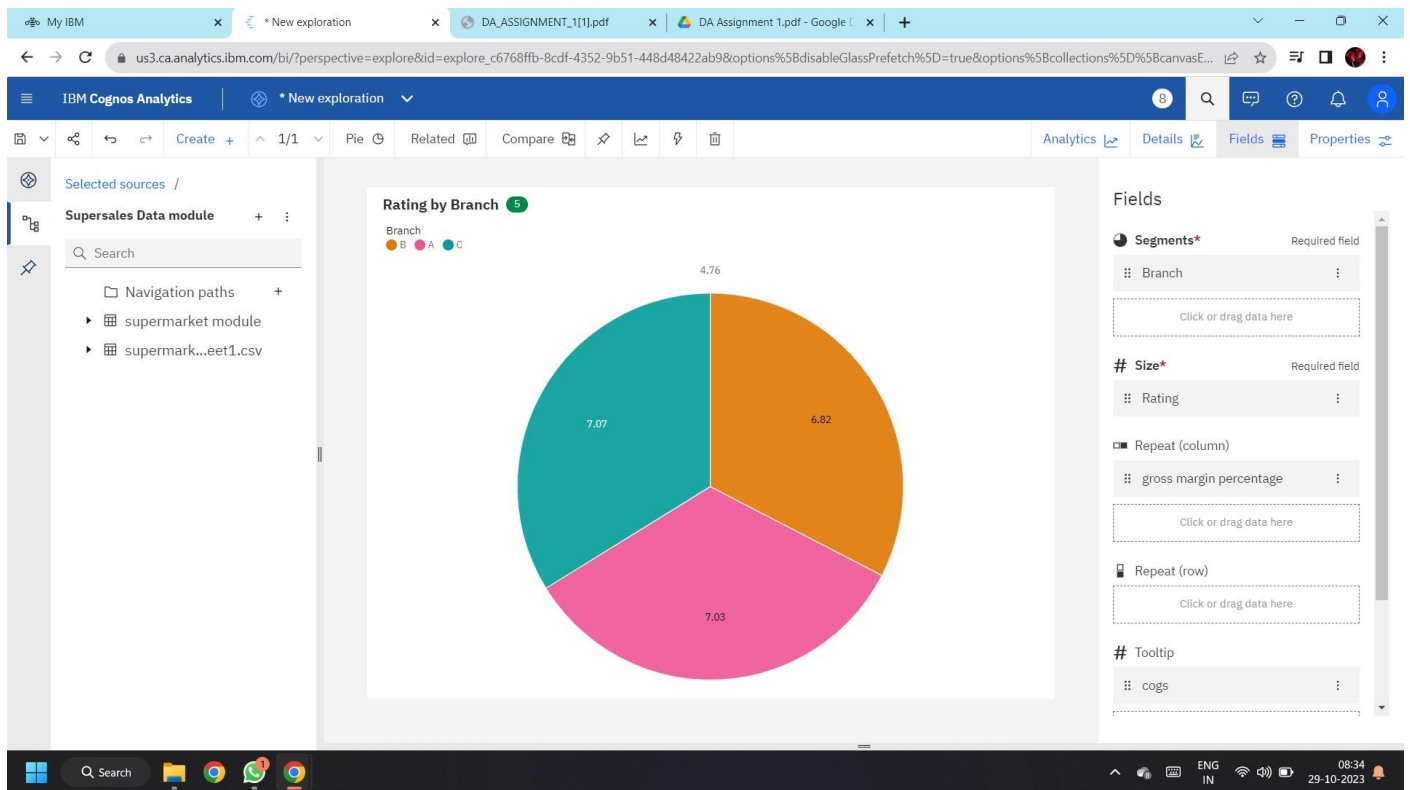
Step 4: Creating a custom table to view its definition.

The screenshot shows the IBM Cognos Analytics web interface. The browser tabs include 'My IBM', 'New data module', 'DA_ASSIGNMENT_1[1].pdf', and 'DA Assignment 1.pdf - Google'. The address bar shows a URL from 'us3.ca.analytics.ibm.com'. The interface has a top navigation bar with 'IBM Cognos Analytics' and a 'New data module' dropdown. Below this is a toolbar with icons for various actions. The main content area is divided into three tabs: 'Grid', 'Relationships', and 'Custom tables'. The 'Custom tables' tab is active, showing a diagram with a box labeled 'supermarket module' connected to a box labeled 'supermarke...Sheet1.csv'. On the left, a 'Data module' sidebar lists various fields under the 'supermarket module' hierarchy, including 'Row Id', 'Invoice ID', 'Branch', 'City', 'Customer type', 'Gender', 'Product line', 'Unit price', 'Quantity', 'Tax 5%', 'Total', 'Date', 'Time', 'Payment', and 'cogs'. A 'Properties' panel is visible on the right side of the main content area.

Step 5: Data Exploration.

The screenshot shows the IBM Cognos Analytics web interface in the 'Data Exploration' view. The browser tabs are the same as in Step 4. The address bar shows a URL from 'us3.ca.analytics.ibm.com'. The interface has a top navigation bar with 'IBM Cognos Analytics' and a 'New exploration' dropdown. Below this is a toolbar with icons for various actions. The main content area is divided into three sections. The left section, titled 'Cards', shows a 'Data relationships' card with a diagram of a central node connected to several other nodes. The middle section, titled 'Explore data relationships', shows a search bar with 'gross income' and a diagram of a central node labeled 'gross income' connected to several other nodes: 'Quantity', 'Tax 5%', 'cogs', 'Unit price', and 'Total'. Below the diagram is a 'Relationship diagram' slider set to 100%. The right section, titled 'Select a visualization', shows a list of visualizations related to 'gross income'. The first visualization is a bar chart showing 'gross income' with a value of '15.4K'. Below it is a line chart showing 'Rating and gross income by Date'. The bottom of the interface shows a Windows taskbar with various icons and a system clock showing '08:29 29-10-2023'.

Step 6: Visualization of rating by Branch.



Step 7: Visualization of City by payment and gross income.

