

VITAP ASSIGNMENT-1

IBM COGNOS ANALYTICS

uploading data set supermarket to Cognos analytics:

The screenshot displays the IBM Cognos Analytics web interface. The top navigation bar includes the IBM Cognos Analytics logo and a '3 items open' indicator. The left sidebar contains a 'Home' button and a 'New' button, followed by a 'Upload data' button. The main content area shows a 'Create content from existing data' button and a 'View all content' link. Below these, there are three cards: 'SuperMarket_Data module' (Last Accessed: 8/29/2023, 1:12 AM), 'New exploration' (Last Accessed: 8/28/2023, 5:25 AM), and 'superstore datamodule' (Last Accessed: 8/28/2023, 5:01 AM). An 'Open' file explorer window is overlaid on the interface, showing the file 'supermarket_sales - Sheet1' selected in the 'DATA (D:)' folder. The file explorer also shows other files like 'Sample - Superstore' and 'VIT DA Notes'. The bottom status bar shows the system clock as 12:30 on 29-08-2023.

IBM Cognos Analytics

Home

New

Upload data

Content

Recent

Manage

Create content from existing data

View all content

SuperMarket_Data module

Last Accessed: 8/29/2023, 1:12 AM

New exploration

Last Accessed: 8/28/2023, 5:25 AM

superstore datamodule

Last Accessed: 8/28/2023, 5:01 AM

Open

This PC > DATA (D:) > SmartBridge

Name	Date modified	Type	Size
Sample - Superstore	23-08-2023 19:50	Microsoft Excel 97...	3,287 KB
supermarket_sales - Sheet1	26-08-2023 19:18	Microsoft Excel Co...	129 KB
VIT DA Notes	25-08-2023 19:24	Text Document	2 KB

File name: supermarket_sales - Sheet1

Open Cancel

Sample - Superstore.xls

Last Accessed: 8/29/2023, 9:23 AM

33°C Mostly sunny

Search

ENG IN

12:30 29-08-2023

Creating Data Module for the data set Supermarket sales and splitting the column Date to Year, Month, Day, and Day of the week:

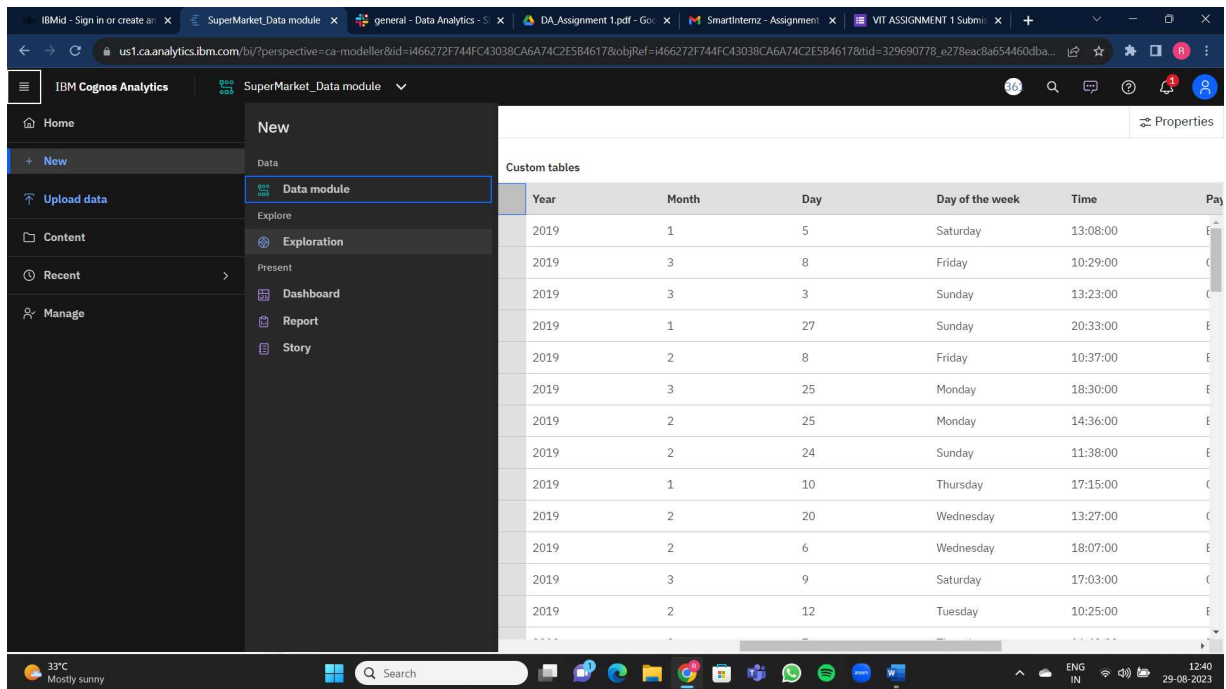
The screenshot shows the IBM Cognos Analytics interface. On the left, the 'Data module' pane lists various fields, including 'Date'. A dialog box titled 'Edit split column - Date' is open, allowing the user to select items to create new columns. The 'Year' field is set to '2019', 'Month' to '1', and 'Day' to '5'. The 'Include the day of the week' checkbox is checked. A preview table shows the resulting data structure.

Date	Year	Month	Day	Day of the week
2019-01-05	2019	1	5	Saturday
2019-02-06	2019	2	6	Wednesday
2019-03-29	2019	3	29	Friday
2019-03-11	2019	3	11	Monday
2019-03-22	2019	3	22	Friday
2019-02-10	2019	2	10	Sunday
2019-03-27	2019	3	27	Wednesday
2019-03-12	2019	3	12	Tuesday
2019-02-14	2019	2	14	Thursday
2019-01-24	2019	1	24	Thursday

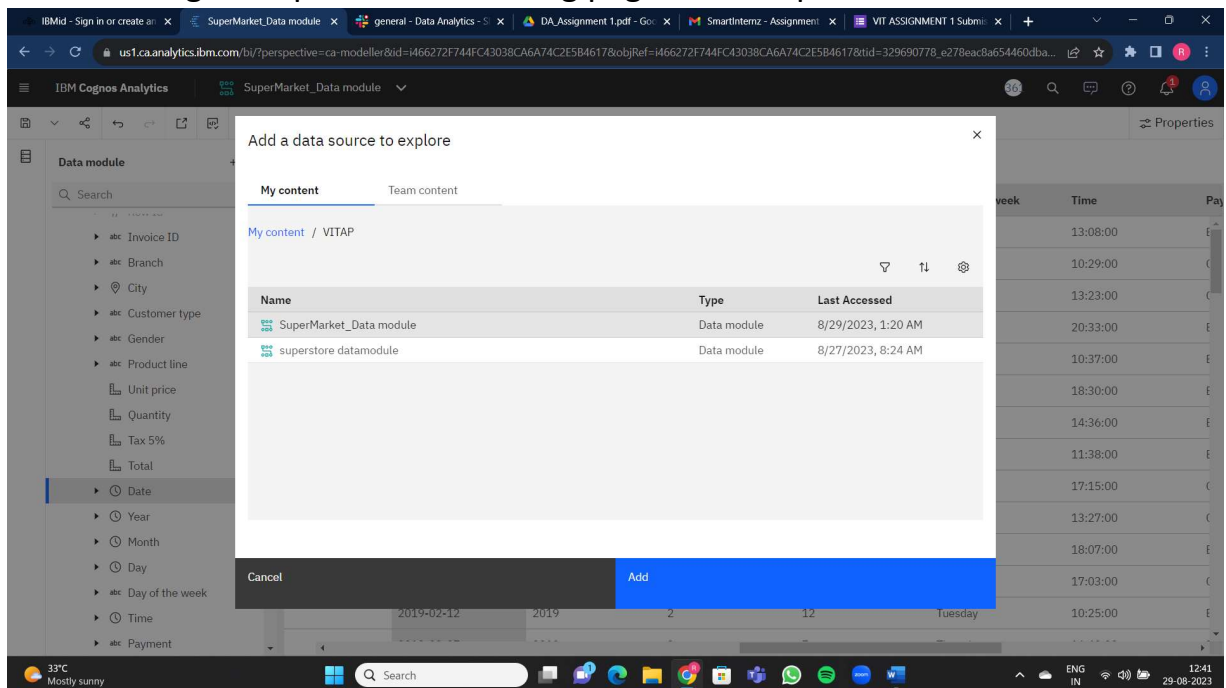
Below the dialog box, the main data table is visible, showing the 'Date' column split into 'Year', 'Month', 'Day', and 'Day of the week' columns. The table also includes 'Time' and 'Payment' columns.

Date	Year	Month	Day	Day of the week	Time	Payment
2019-01-05	2019	1	5	Saturday	13:08:00	
2019-03-08	2019	3	8	Friday	10:29:00	
2019-03-03	2019	3	3	Sunday	13:23:00	
2019-01-27	2019	1	27	Sunday	20:33:00	
2019-02-08	2019	2	8	Friday	10:37:00	
2019-03-25	2019	3	25	Monday	18:30:00	
2019-02-25	2019	2	25	Monday	14:36:00	
2019-02-24	2019	2	24	Sunday	11:38:00	
2019-01-10	2019	1	10	Thursday	17:15:00	
2019-02-20	2019	2	20	Wednesday	13:27:00	
2019-02-06	2019	2	6	Wednesday	18:07:00	
2019-03-09	2019	3	9	Saturday	17:03:00	
2019-02-12	2019	2	12	Tuesday	10:25:00	

Explorations and visualizations of the data module set Supermarket sales:



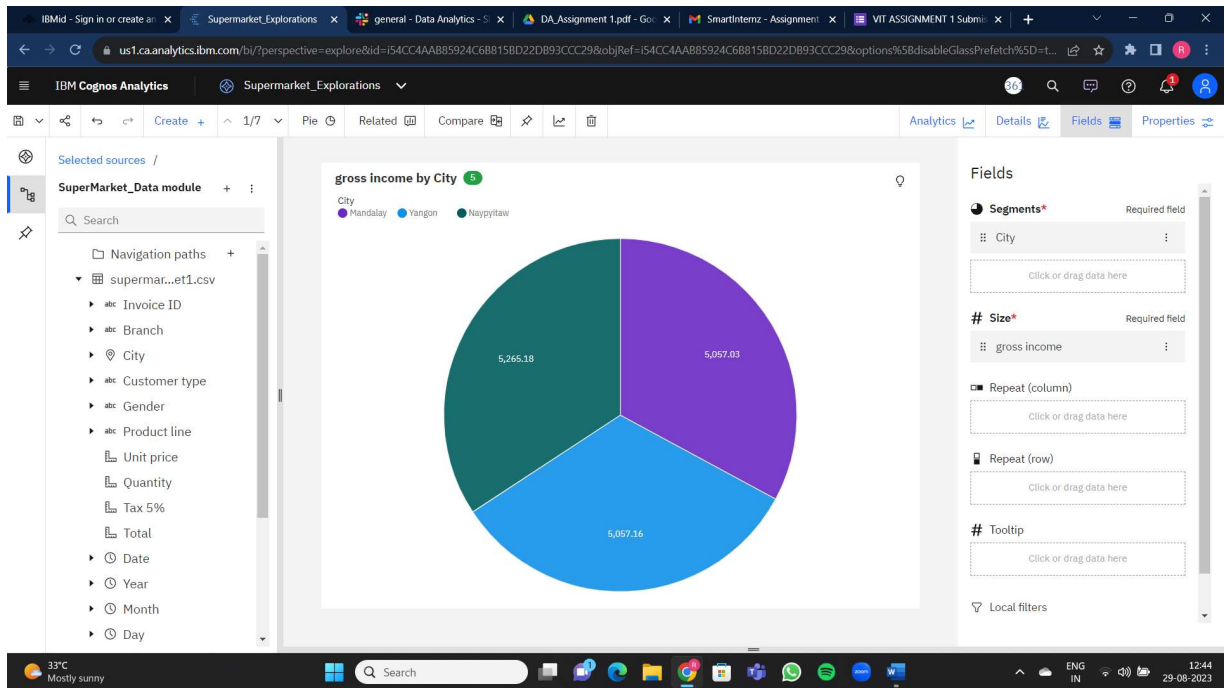
After clicking on exploration following page will be open:



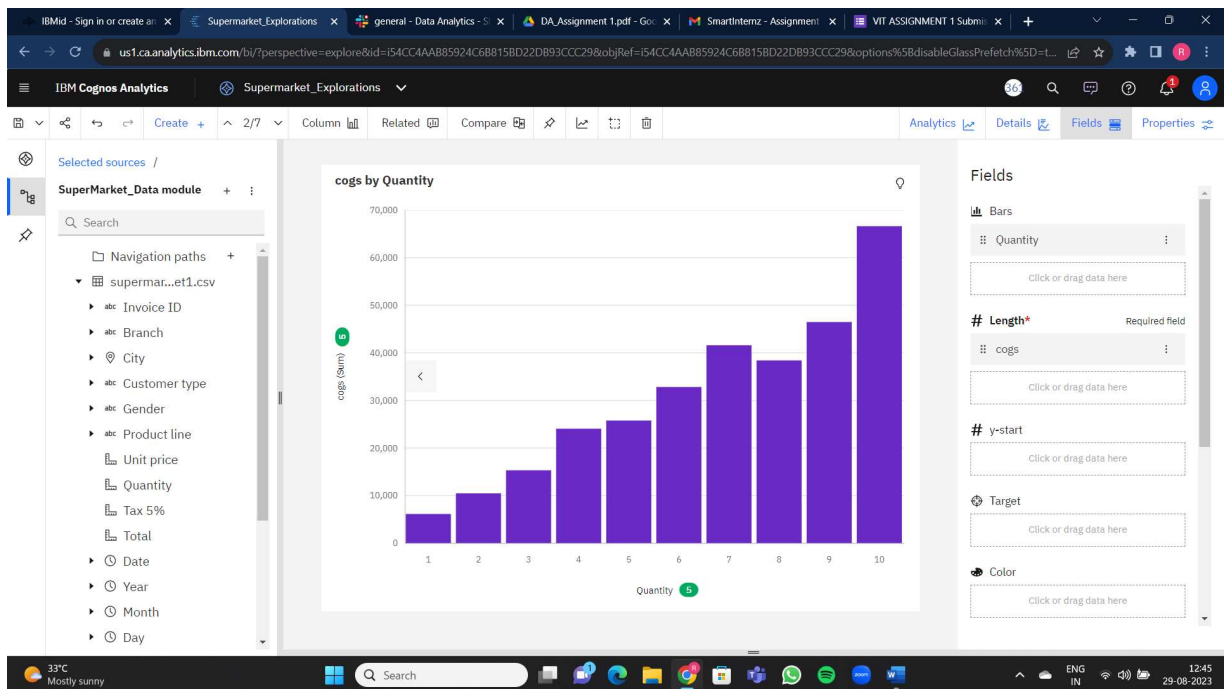
After clicking on Add the following page will be open:

These are the few explorations of the Data module supermarket sales:

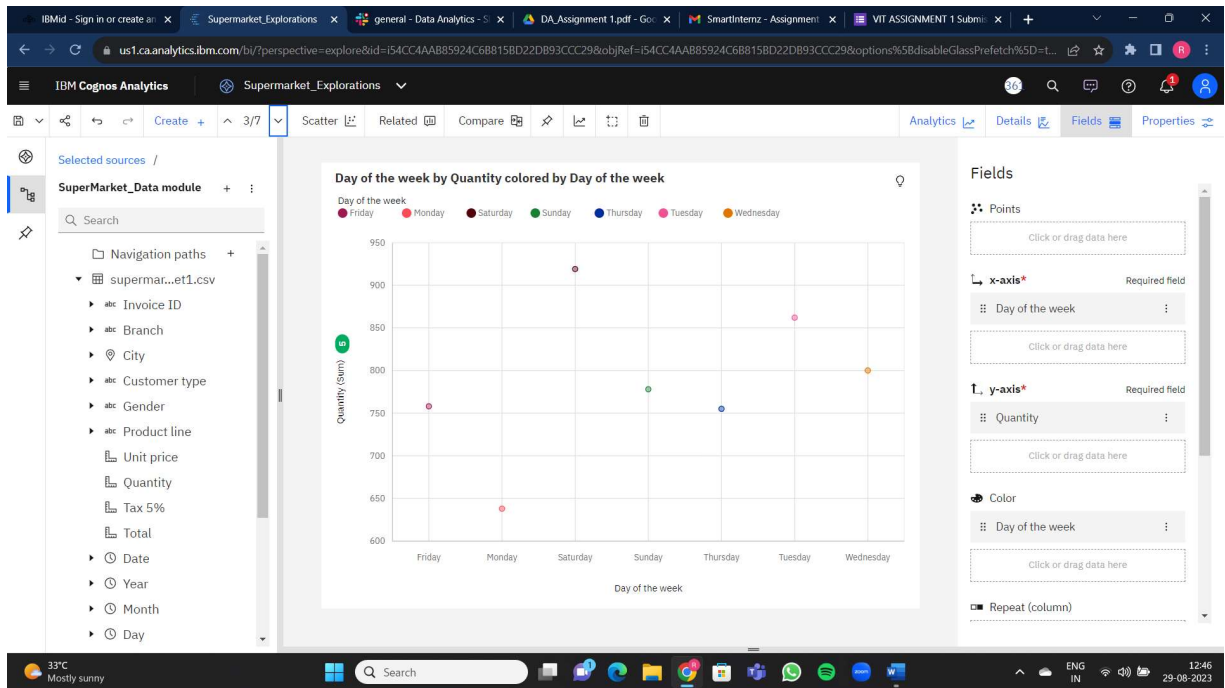
Pie:



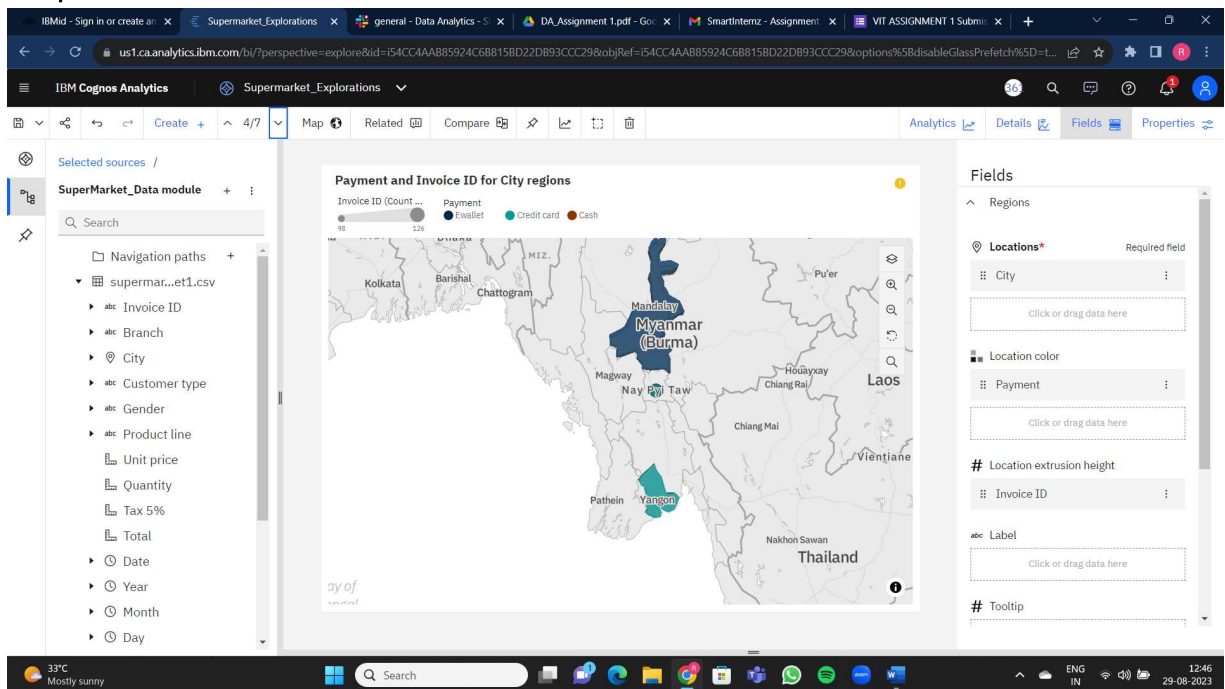
Column:



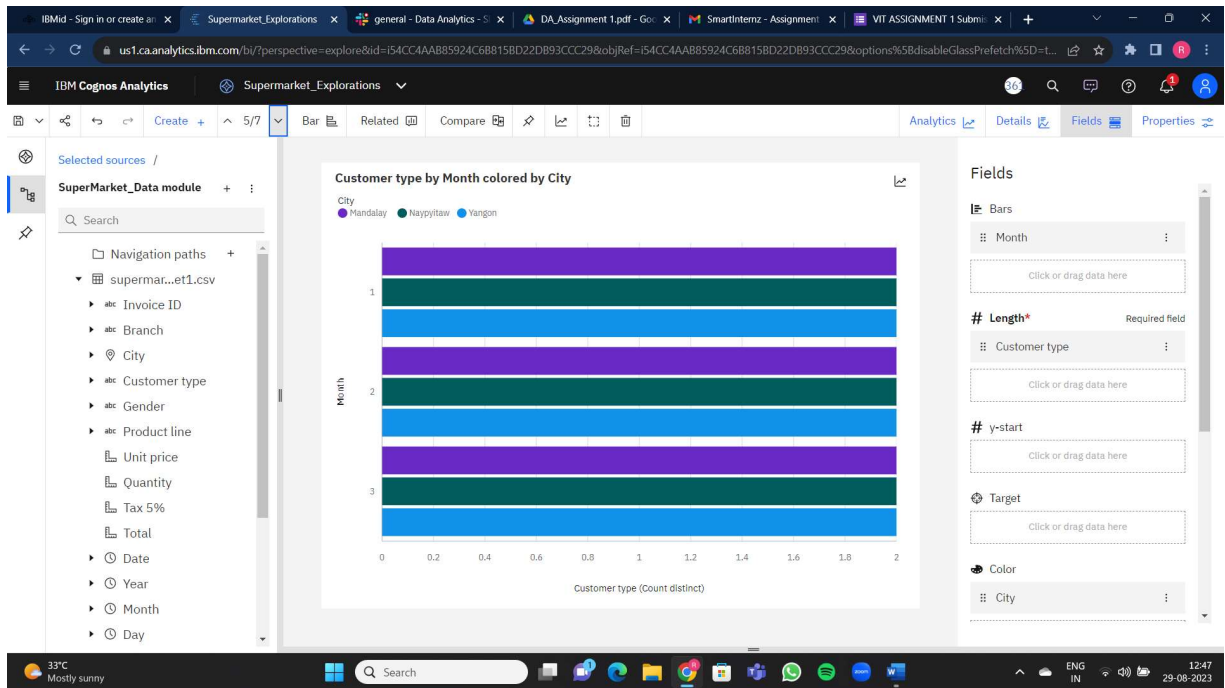
Scatter:



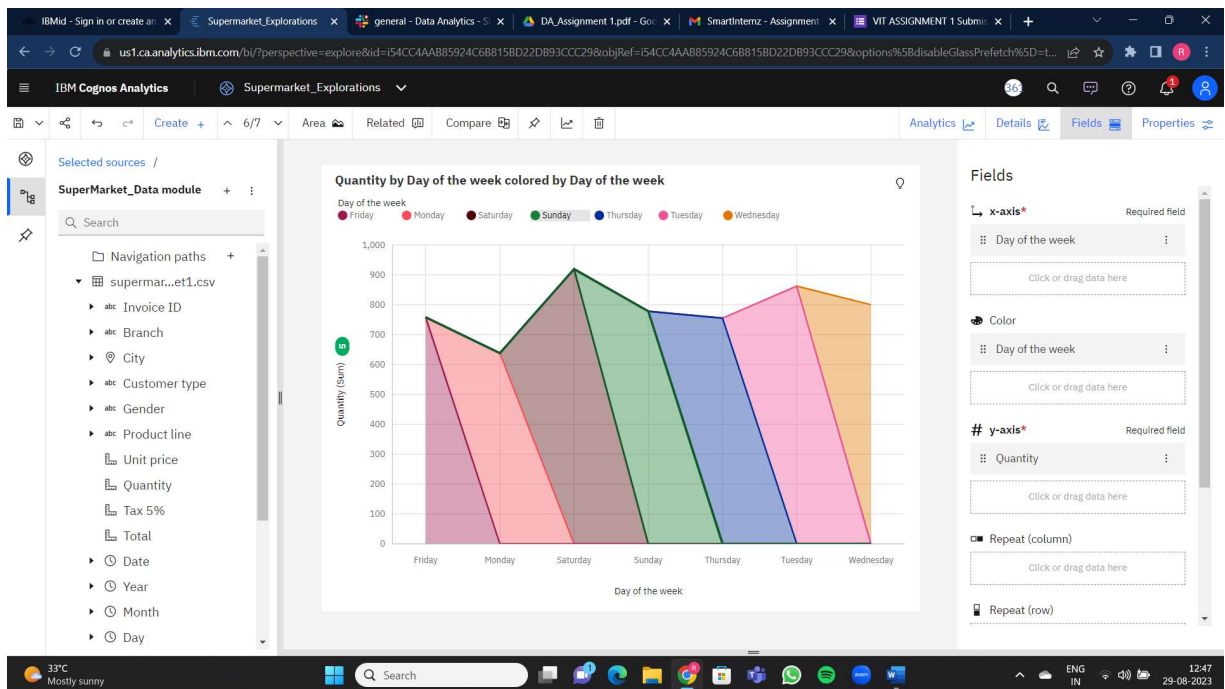
Map:



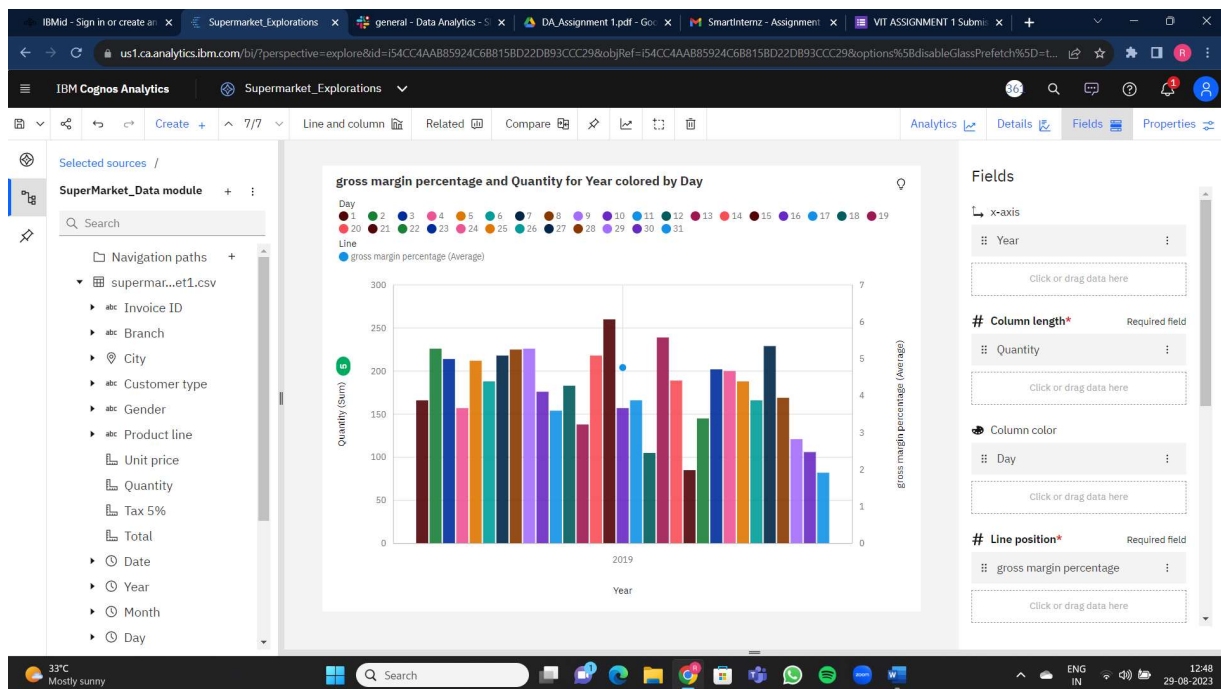
Bar:



Area:



Line and column:



THANK YOU

Rajesh Balasingi

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