

ASSIGNMENT-1

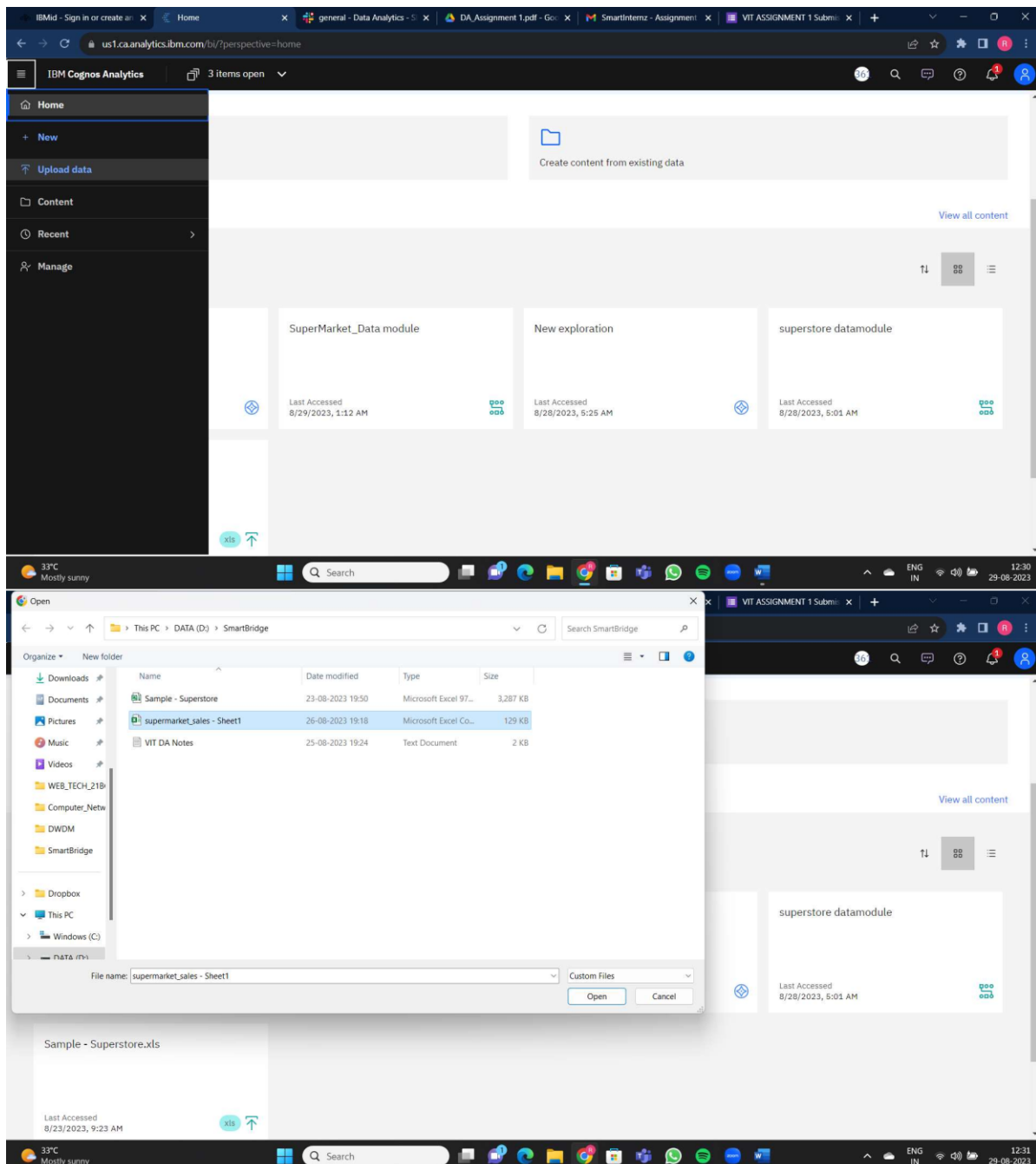
IBM COGNOS ANALYTICS

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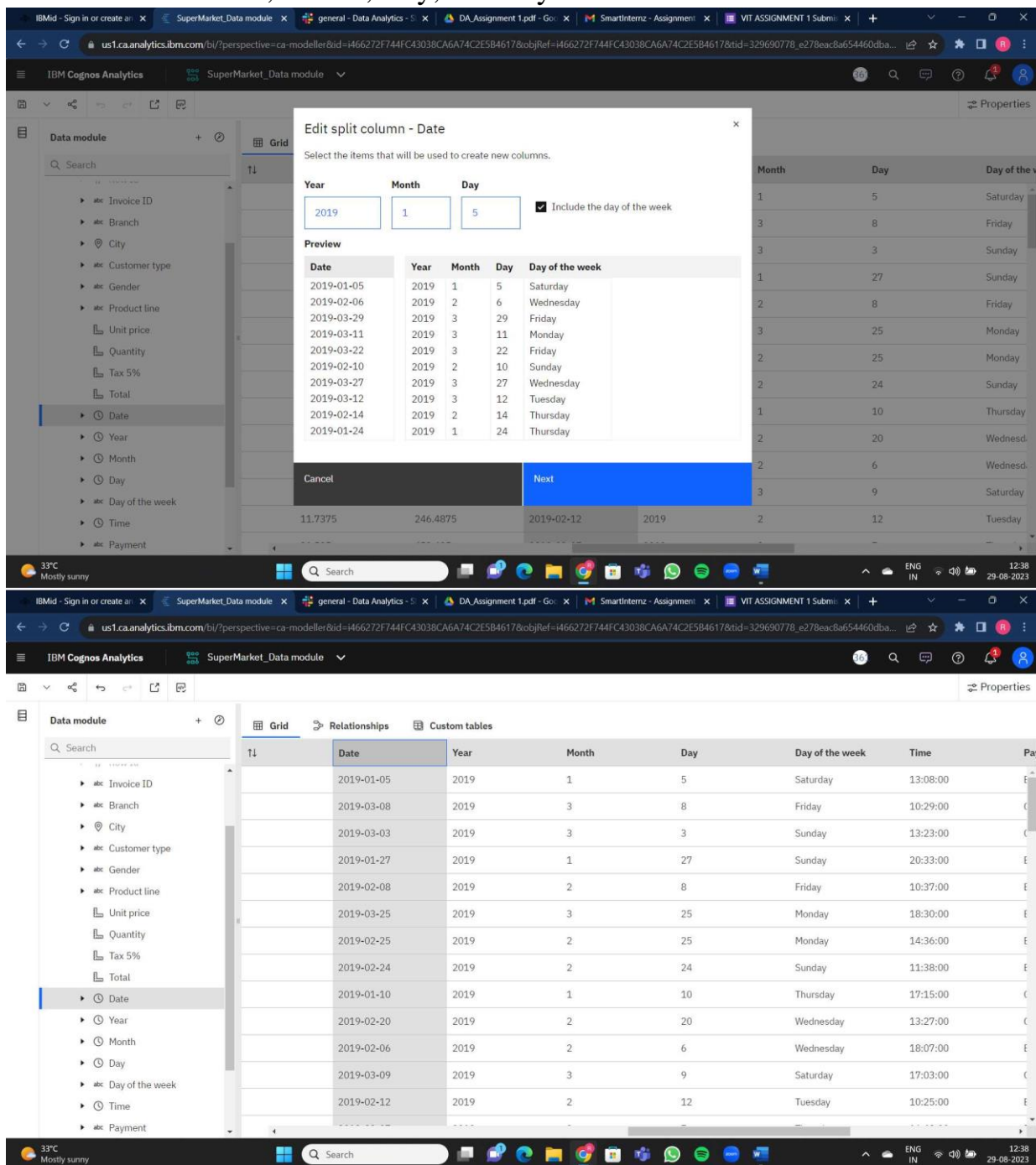
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Step 1: uploading data set supermarket to Cognos analytics



Step 2: 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 displays the IBM Cognos Analytics interface. A dialog box titled "Edit split column - Date" is open, allowing the user to split the "Date" column into its constituent parts. The dialog includes input fields for "Year" (2019), "Month" (1), and "Day" (5), along with a checkbox for "Include the day of the week" which is checked. A preview table shows the resulting data structure with columns for Date, Year, Month, Day, and Day of the week.

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

The main interface shows the "Data module" list on the left, with "Date" selected. The "Grid" view displays the data table with columns: Date, Year, Month, Day, Day of the week, Time, and Payment. The "Date" column is highlighted in blue.

Step 3: Explorations and visualizations of the data module set Supermarket sales

The screenshot shows the IBM Cognos Analytics web interface. On the left, a sidebar contains navigation options: Home, New, Upload data, Content, Recent, and Manage. The 'New' menu is expanded, showing options for Data (Data module), Explore (Exploration), Present (Dashboard, Report, Story), and Manage. The main workspace displays a table titled 'Custom tables' with the following data:

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

After clicking on exploration following page will be open:

The screenshot shows the 'Add a data source to explore' dialog box in IBM Cognos Analytics. The dialog has two tabs: 'My content' and 'Team content'. Under 'My content', there is a list of data sources:

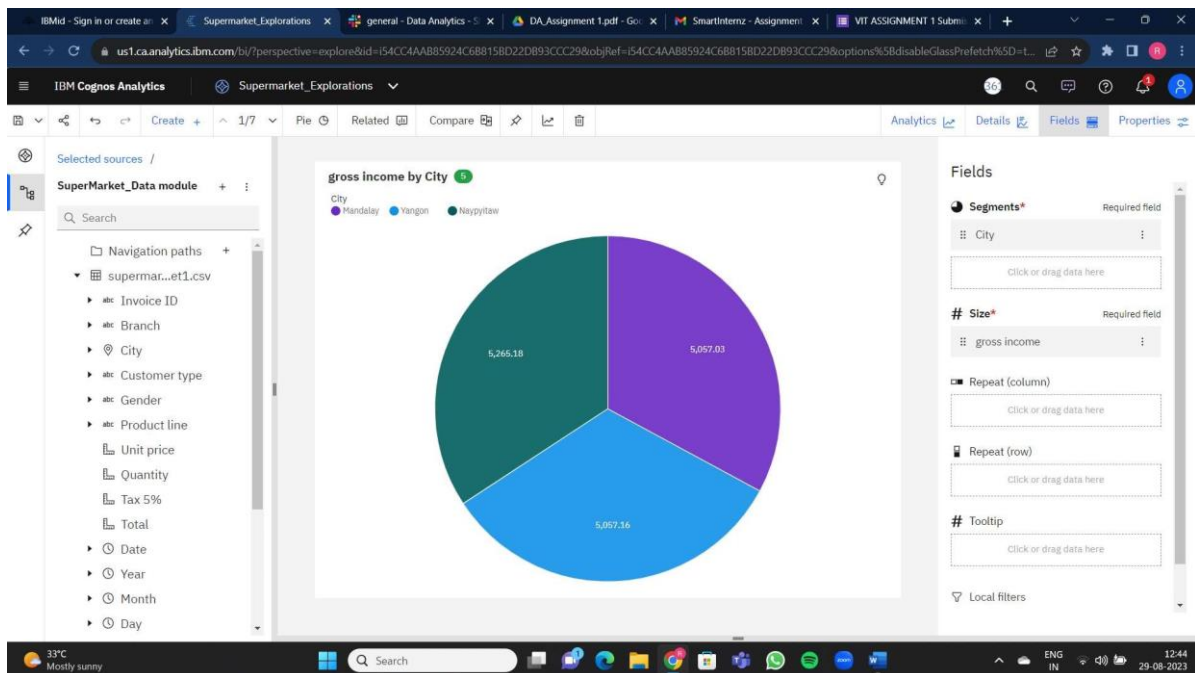
Name	Type	Last Accessed
SuperMarket_Data module	Data module	8/29/2023, 1:20 AM
superstore datamodule	Data module	8/27/2023, 8:24 AM

At the bottom of the dialog, there are 'Cancel' and 'Add' buttons. The 'Add' button is highlighted in blue.

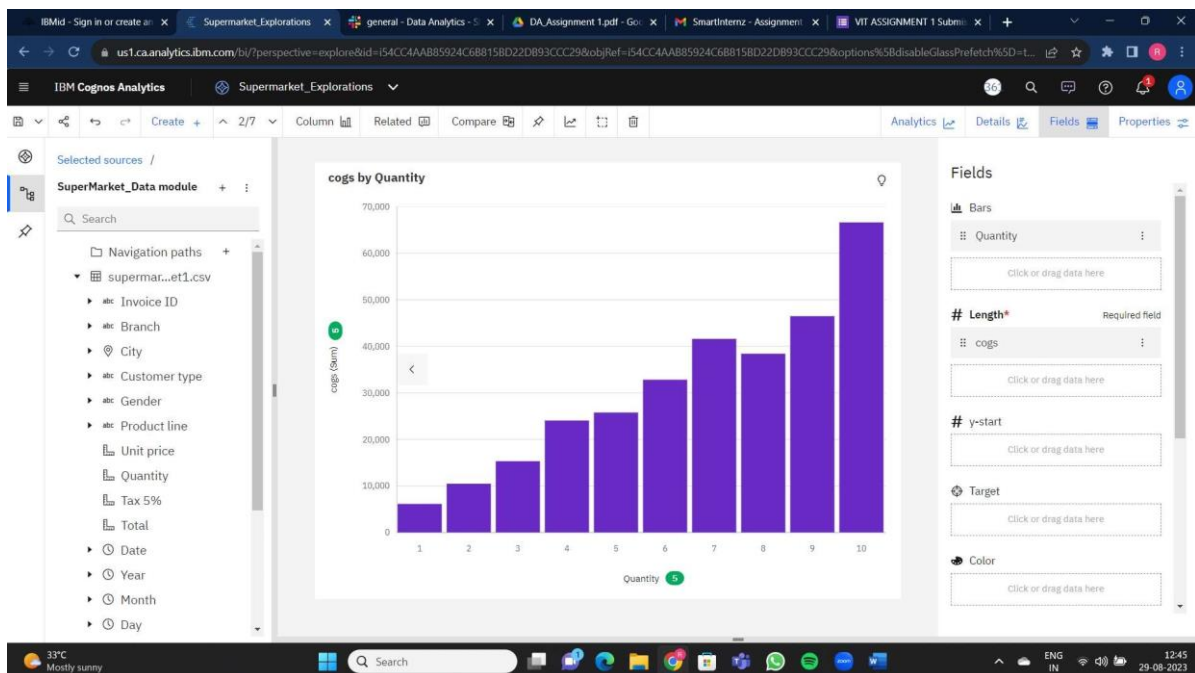
Step 4:After clicking on Add the following page will open.

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

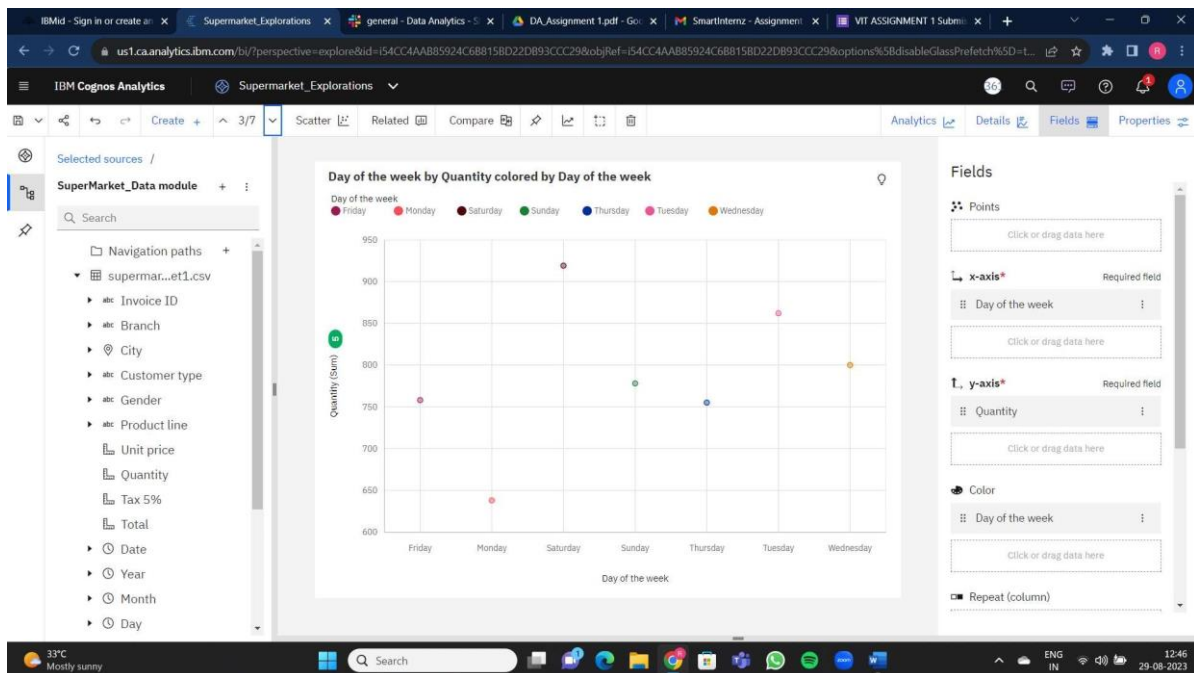
Pie:



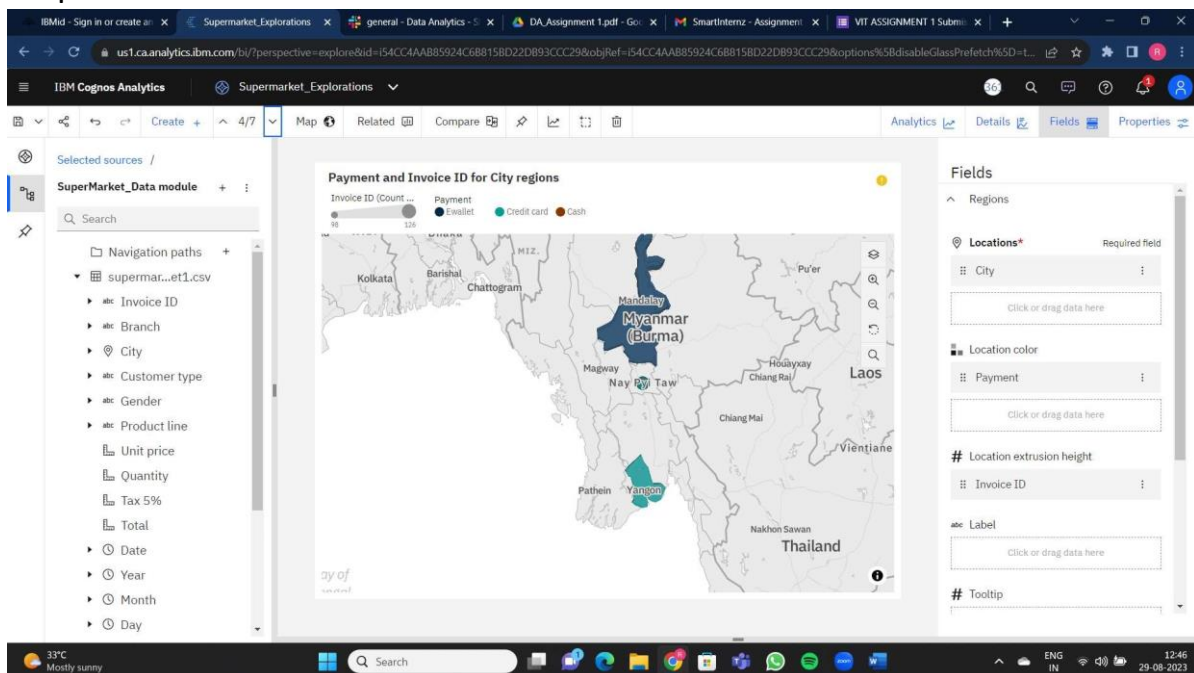
Column:



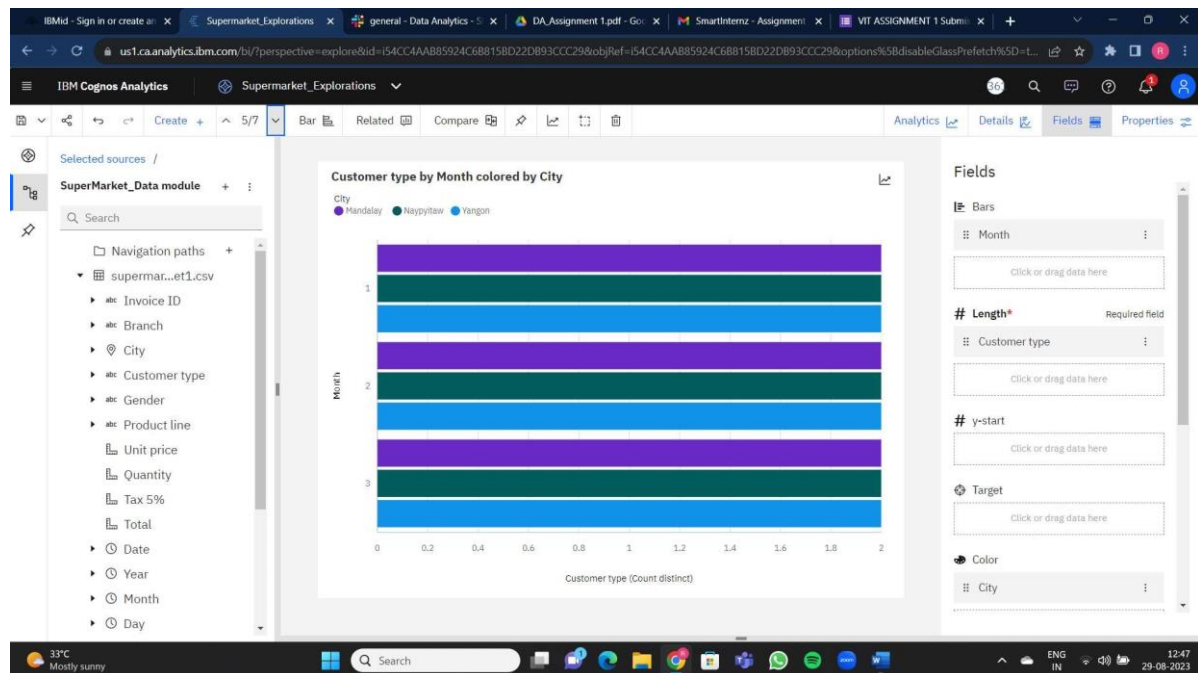
Scatter:



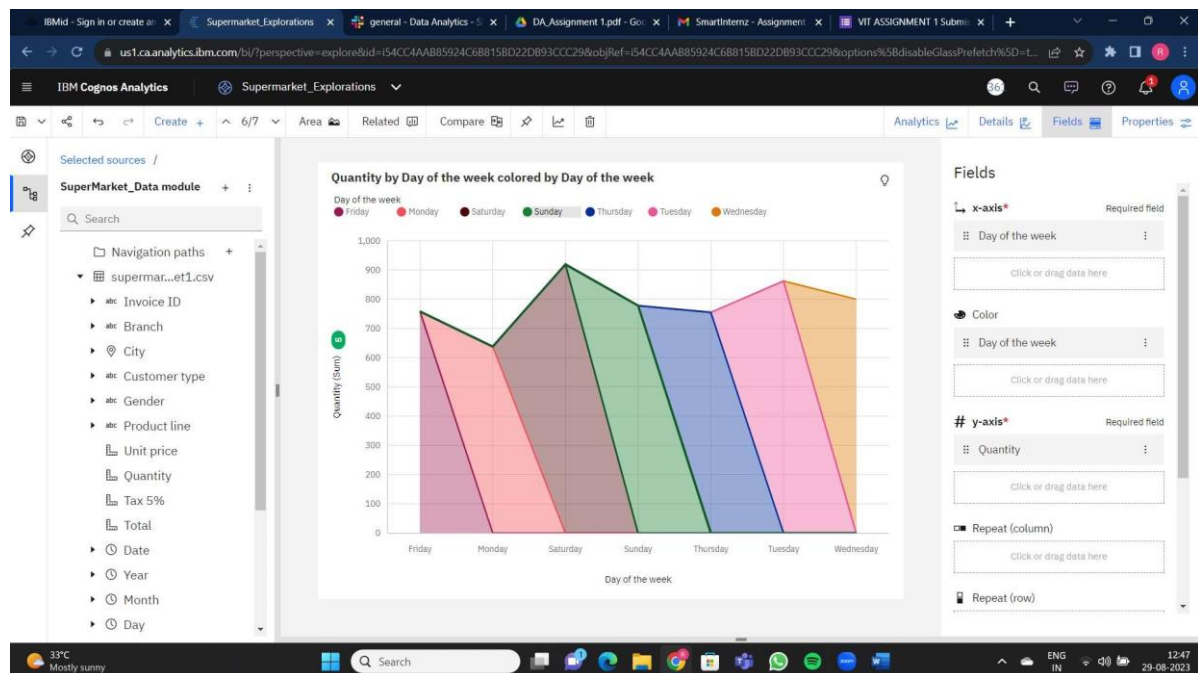
Map:



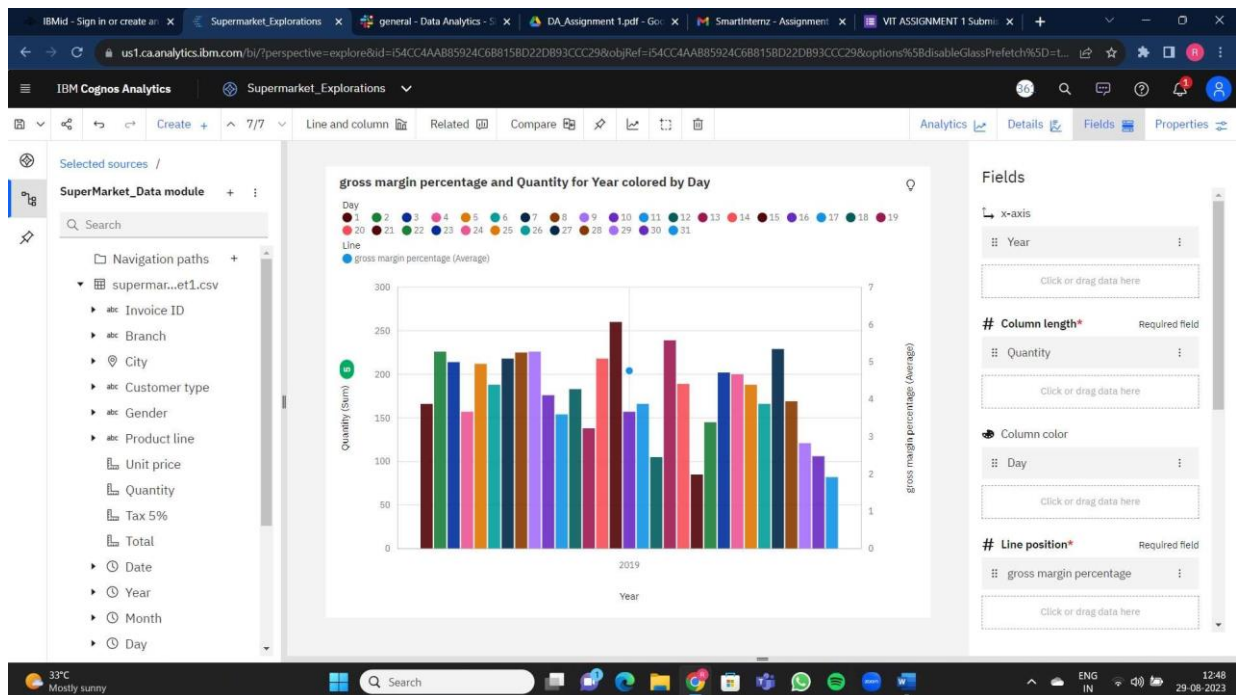
Bar:



Area:



Line and column:



THANK YOU

V.Divya

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