ESSENTIALS OF DATA WAREHOUSING AND DATA MINING

LAB ASSIGNMENT - 8

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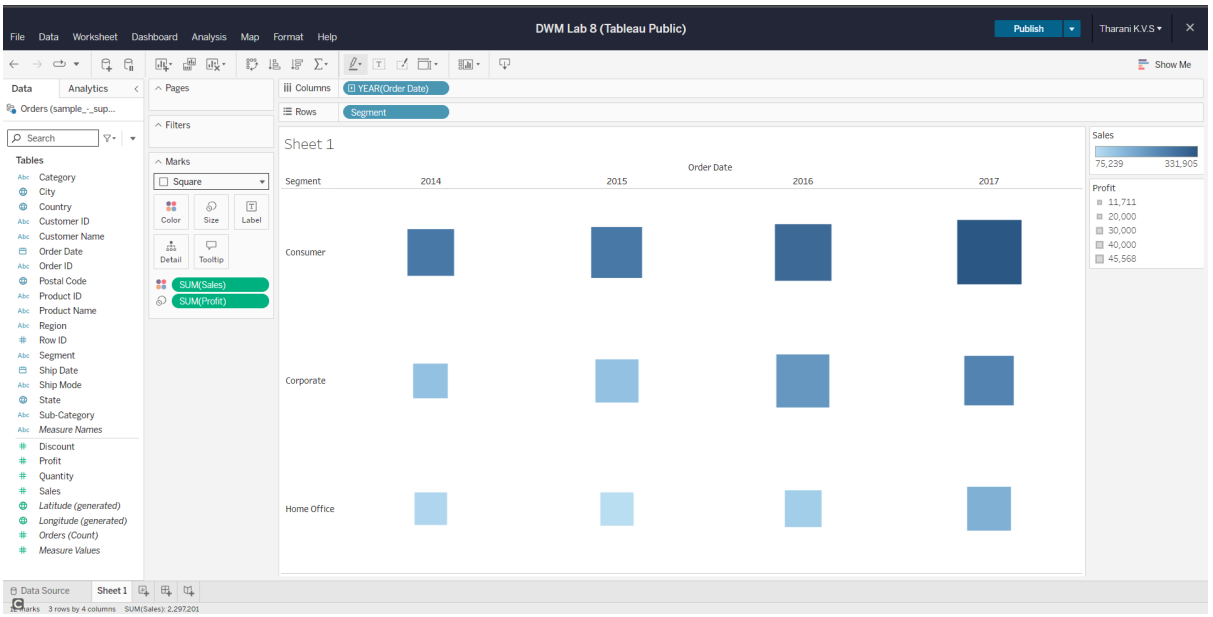
Ques - Using the orders table from sample superstore dataset and heat map, Determine which year and segment are marked as the highest sales and highest profit.
sample superstore dataset (2014-2017)

Explanation:

1. Click on Microsoft Excel file type and open sample_superstore dataset.
2. Select the Orders table.
3. Drag the segment field to the rows shelf.
4. Drag the order date field to the column shelf.
5. Drag the sales field to the colour marks card shelf.
6. Drag the profit field to size marks card shelf.
7. Select marks type as square.



Work done to get this output :

Open Sample Superstore Dataset :

Open the Microsoft Excel file containing the Sample Superstore dataset, which includes data for the years 2014-2017.

Select the Orders Table:

Identify and select the "Orders" table within the dataset. This table likely contains information about orders, including details like order date, segment, sales, and profit.

Configure Rows and Columns:

Drag the "Segment" field to the Rows shelf. This will organize the data by different segments.

Drag the "Order Date" field to the Columns shelf. This will organize the data over year.

Configure Color and Size Marks:

Drag the "Sales" field to the Color Marks Card shelf. This will color the heatmap based on sales values.

Drag the "Profit" field to the Size Marks Card shelf. This will determine the size of the marks (squares) based on profit values.

Select Marks Type as Square:

Choose the "Square" marks type to represent each data point on the heatmap.

Determine Highest Sales and Profit:

The segments along with the corresponding years with the most intense color (indicating higher sales) and larger square sizes (indicating higher profit) are likely to be the highest in sales and profit.