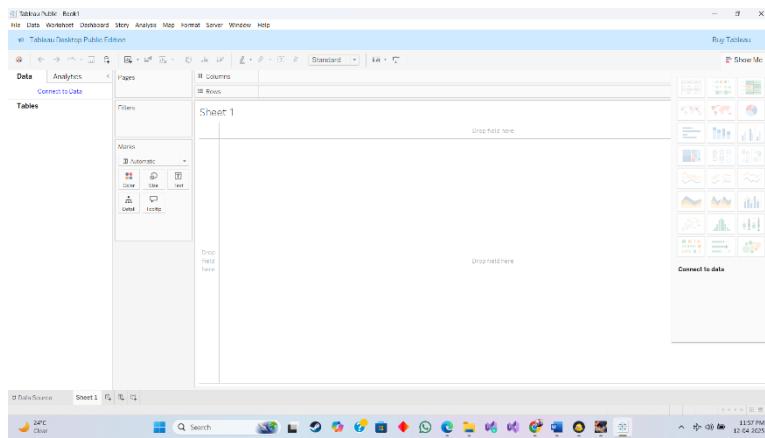


Assignment No. 5

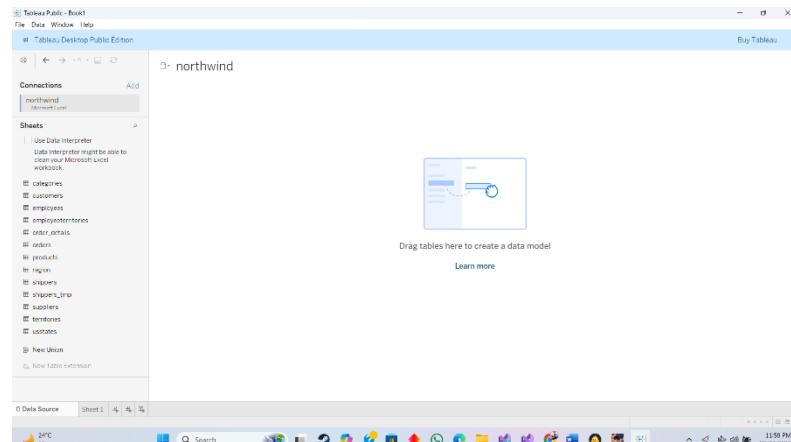
Title: Perform the data classification using a classification algorithm. Or perform the data clustering using a clustering algorithm.

Steps to Perform Assginement in Tableau:

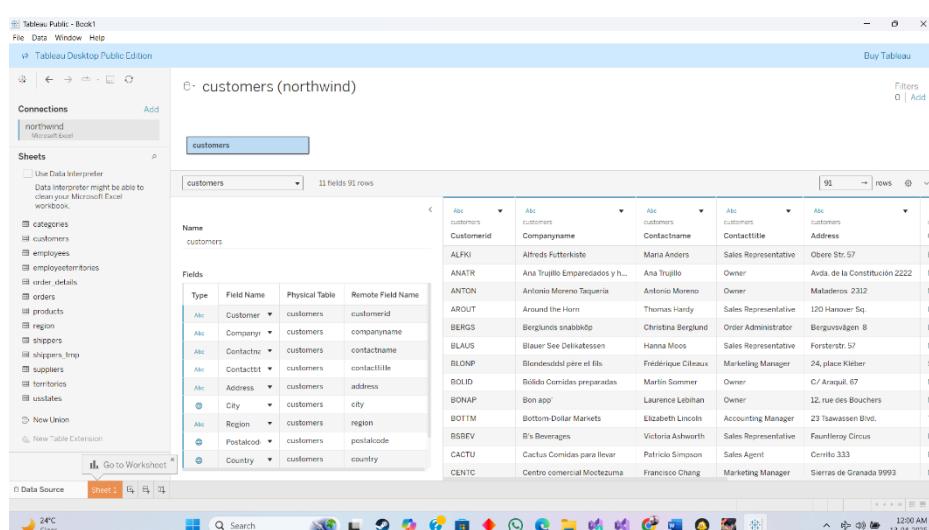
1. Steup and Open Tableau



2. Connect to data format like .csv file or excel file



3. Drag and drop the entity in View



4. Choose Proper entity to form correct relationship

The screenshot shows the Tableau desktop interface with the 'orders+ (northwind)' data source selected. A relationship is currently defined between the 'orders' and 'order_details' tables. The 'Remove Relationship' button is highlighted in red, indicating the action being performed.

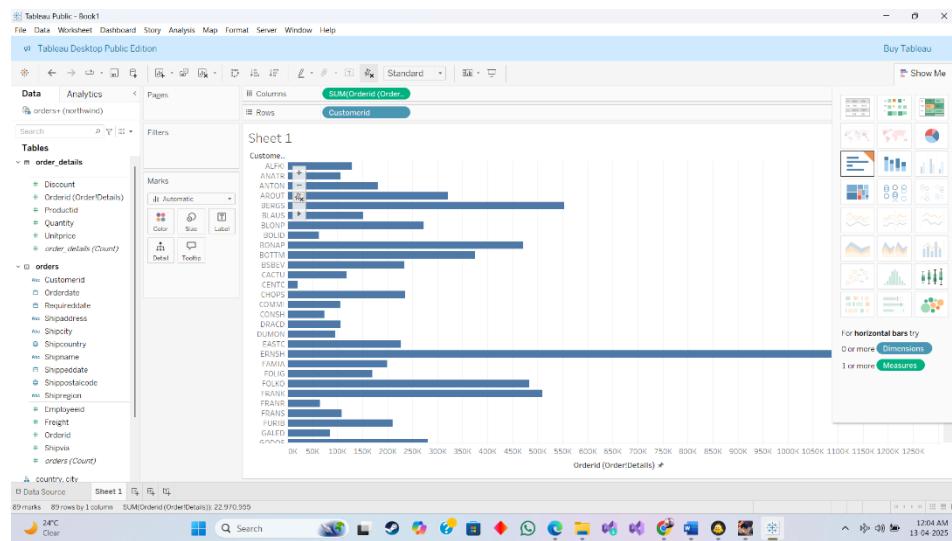
5. After selecting relationship Load and create new sheets

The screenshot shows a new sheet named 'Sheet 1' in the Tableau desktop interface. The left sidebar displays the available tables and their fields. No data has been loaded or visualized on this sheet yet.

6. Drag and Drop the columns and rows from left side and make visualization to find clustering or classification between them.

The screenshot shows a complex heatmap visualization in Tableau. The columns and rows are categorized by various dimensions such as Customer, OrderID, ProductID, and others. The visualization is highly granular, showing many small colored cells representing different data points across the grid.

7. To make more data visualization we have bar graphs and charts formats



8. Left side bar has analytics option to make clustering . also has options like min, max, and range selection to make clusters.

