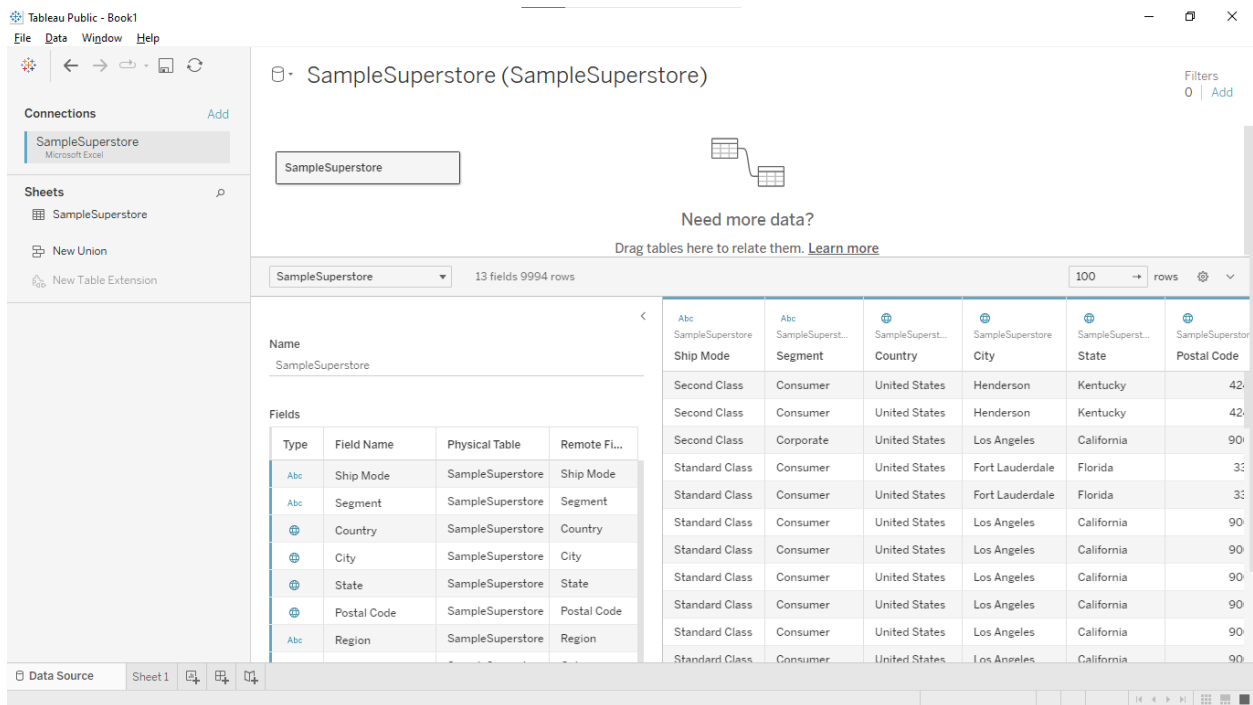


Experiment 1

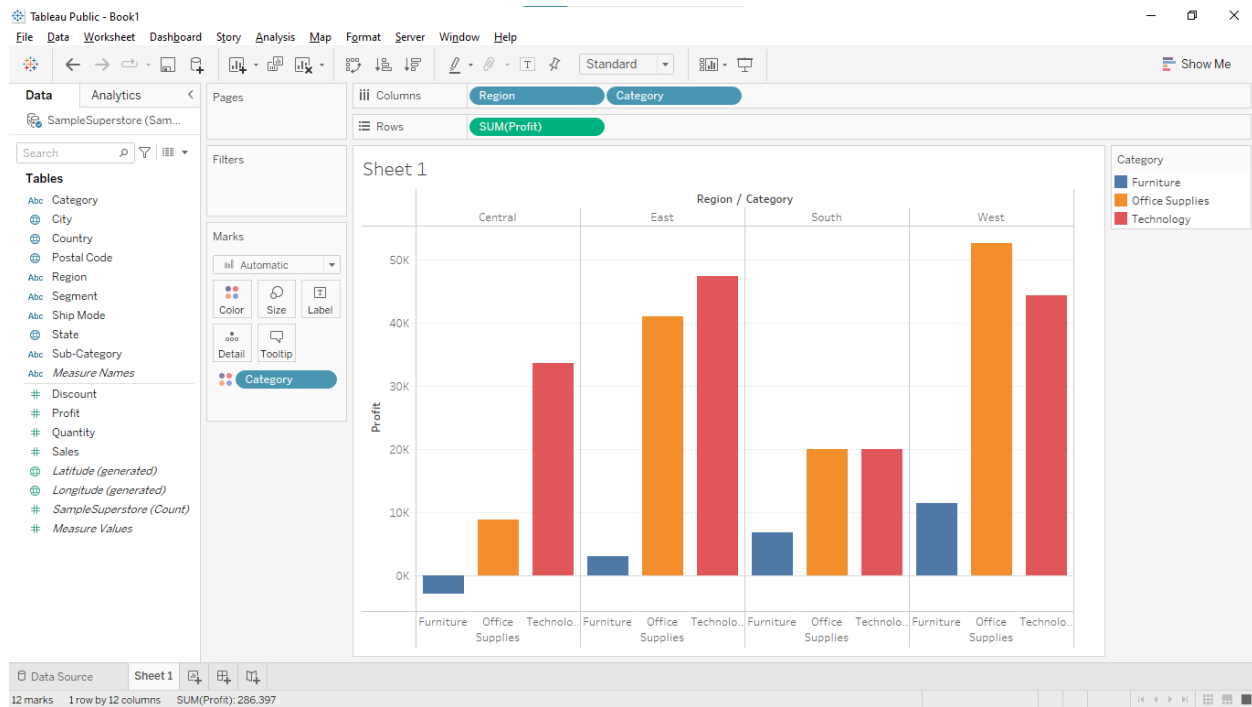
Submitted by: Tushar Kanti Dhar (BU21CSCI0100121)

Connecting Data Source:

First, we open Tableau application and click on “Connect” to load the dataset that we have in .xls format in order to connect the data source.

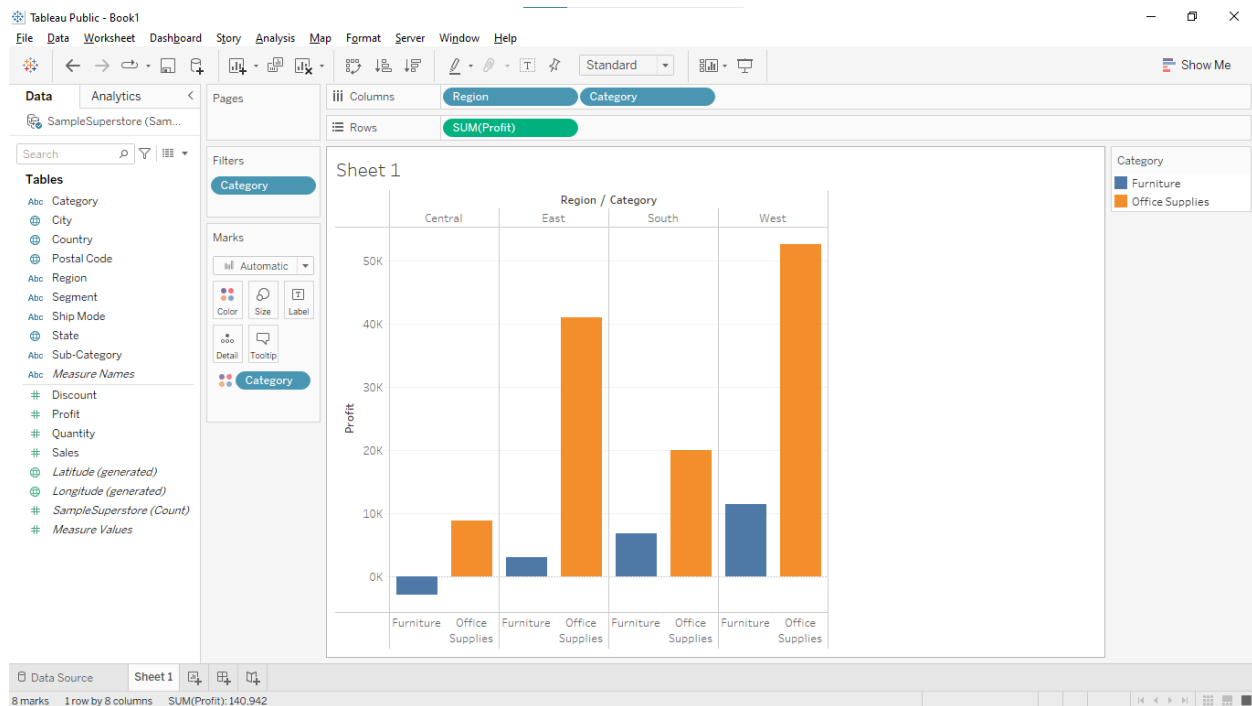


To create custom views of the data, we try to load some data field along the rows and columns. That loads the data fields as visuals.



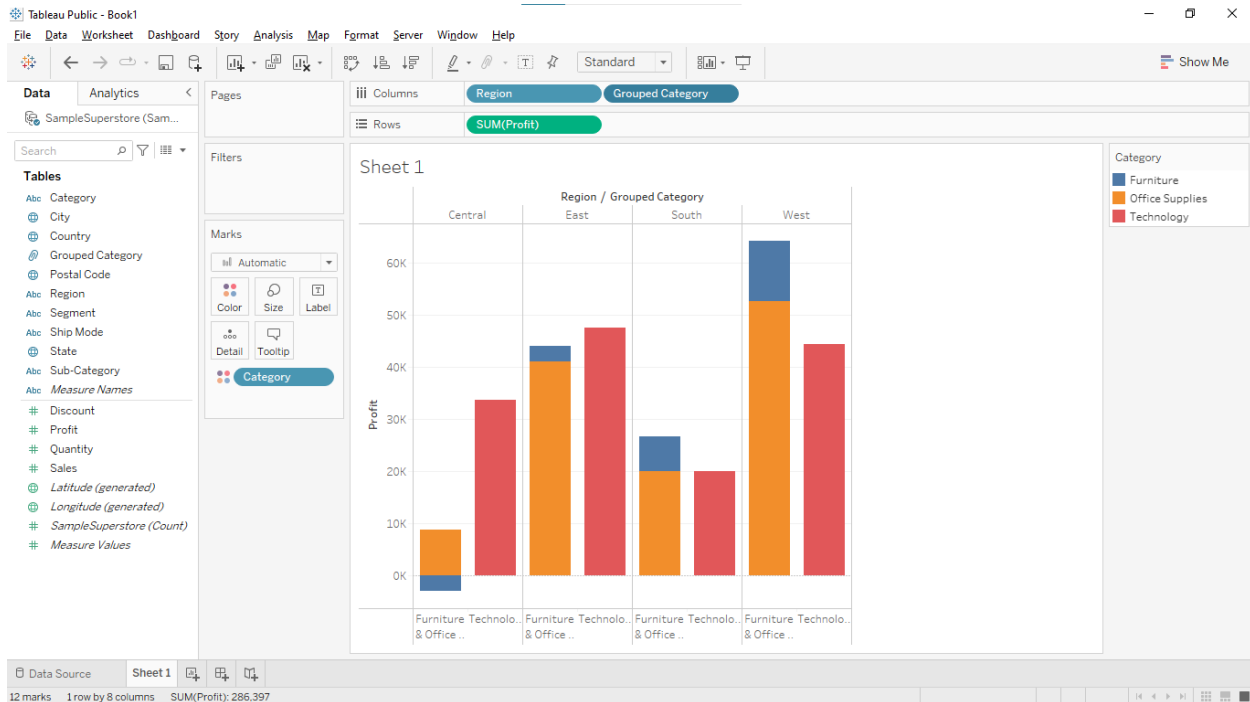
Custom Data View:

We will try to filter the “Category” data field. In the dialog box, we disabled “Technology” to filter out on “Furniture” and “Office Appliances.”

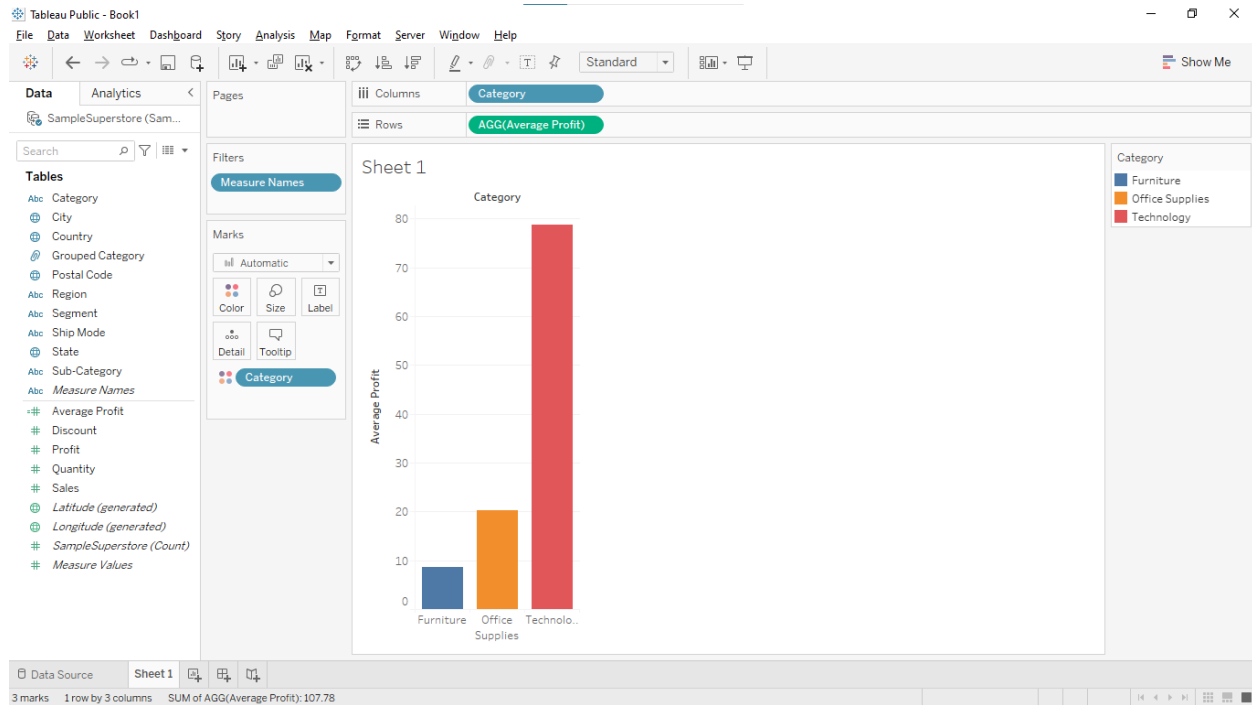


Then, we try to group the “Category” data field by right clicking on the field name and “Create Group.” In the dialog box, we selected “Furniture” and “Office Appliances” and click on “Group” and then “Apply.”

We then replace the “Category” with “Grouped Category” in the columns shelf.



Now, we right click on the data field “Profit” and create a “Calculated Field” to implement the AVG aggregate function. Once we apply the function AVG(profit), we should see a new data field appeared in the Tables section.



Data Extraction:

Unfortunately, data extraction is not supported in Tableau Public.

