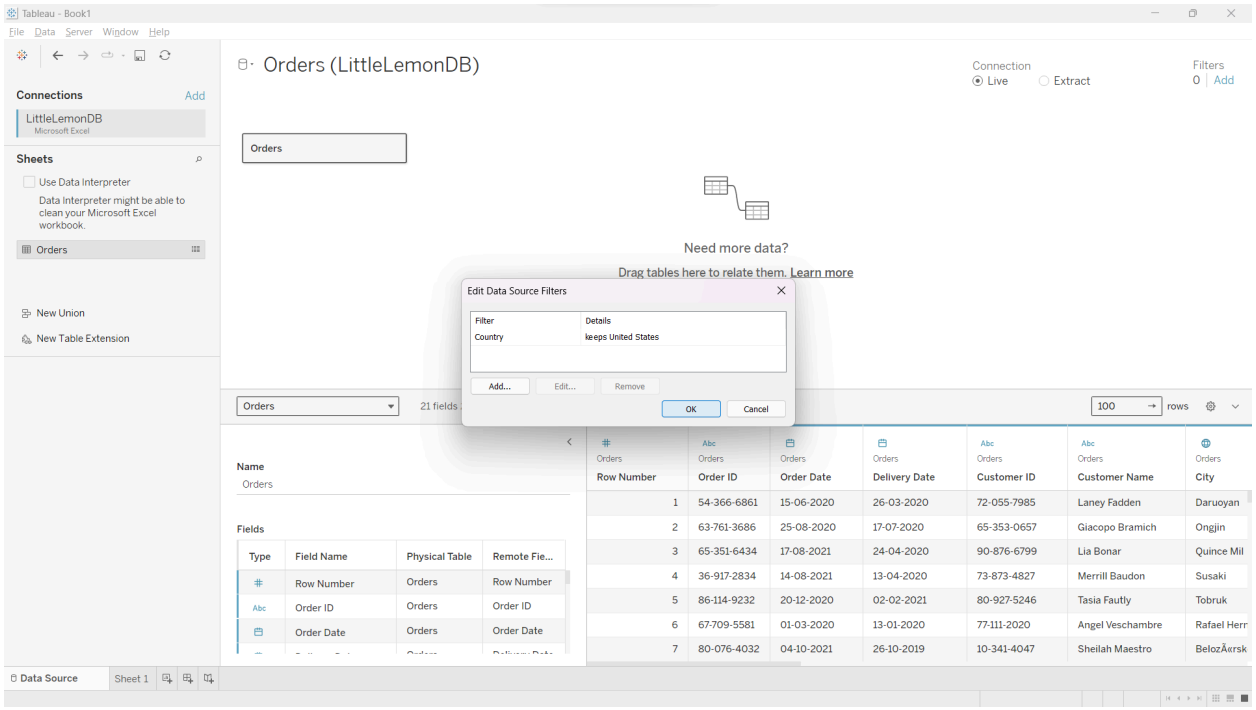
SET UP THE TABLEAU WORKSPACE FOR DATA ANALYSIS

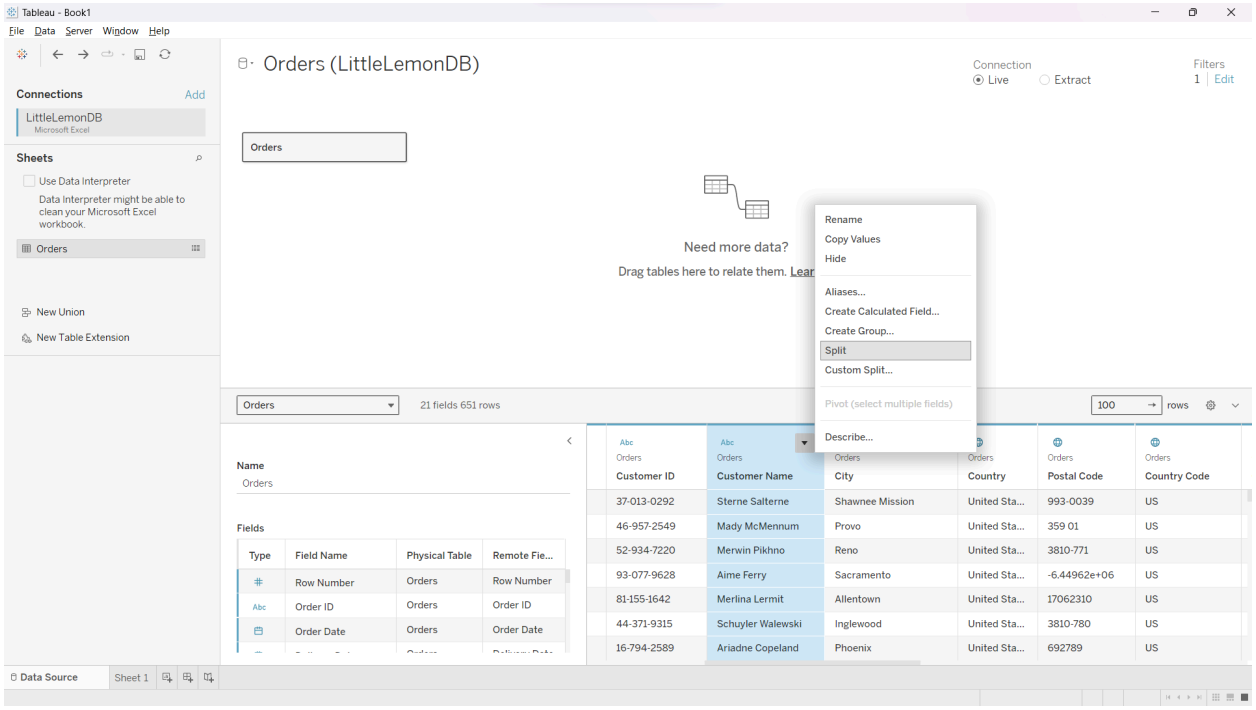
Task 1:

You need to connect to Little Lemon data stored in the Excel Sheet called LittleLemonDB. Then filter data in the data source page and select the United States as the country.

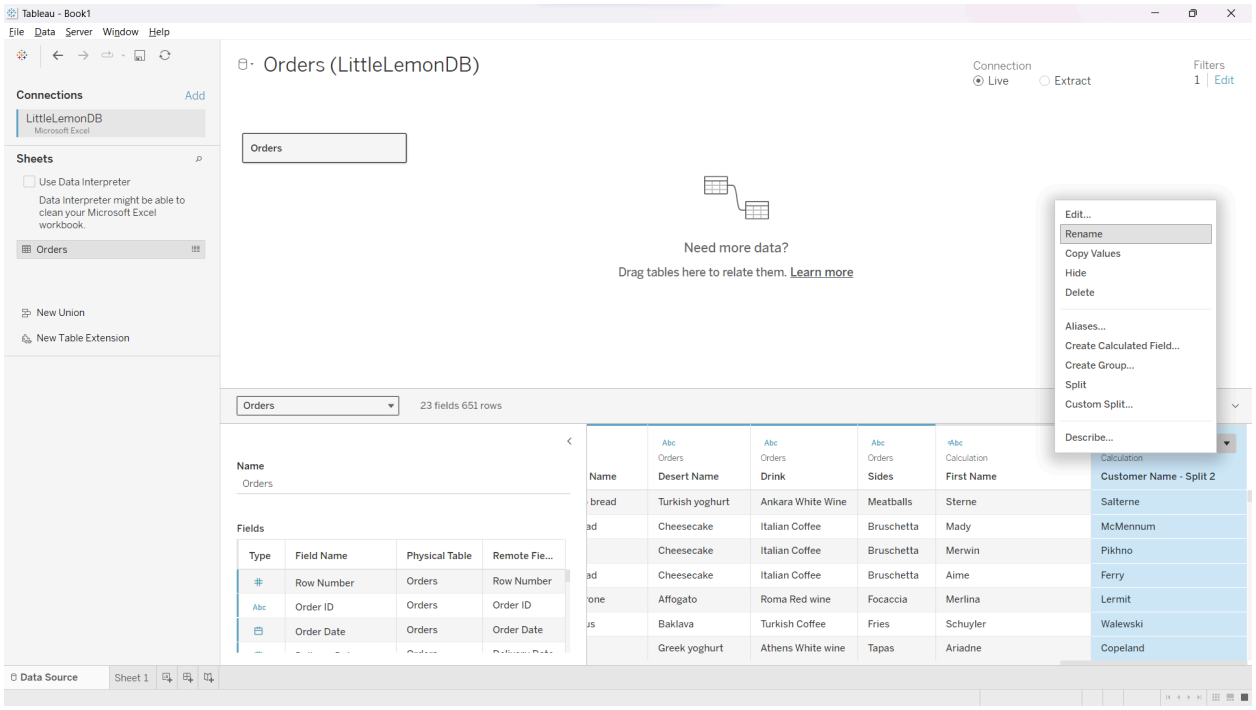


Task 2:

You need to create two new data fields called First Name and Last Name. Related values should be extracted from the Full Name field.



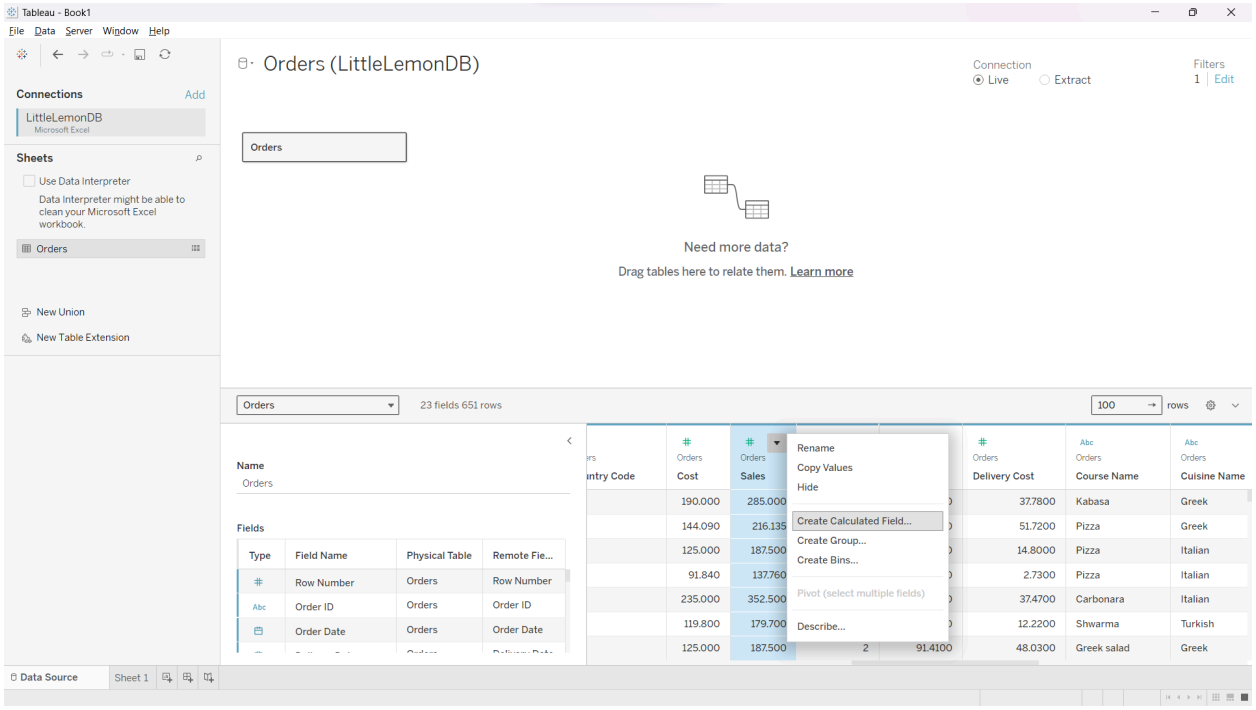
Abc Calculation Customer Name - Split 1	Abc Calculation Customer Name - Split 2
Sterne	Salterne
Mady	McMennum
Merwin	Pikhno
Aime	Ferry
Merlina	Lermit
Schuyler	Walewski
Ariadne	Copeland

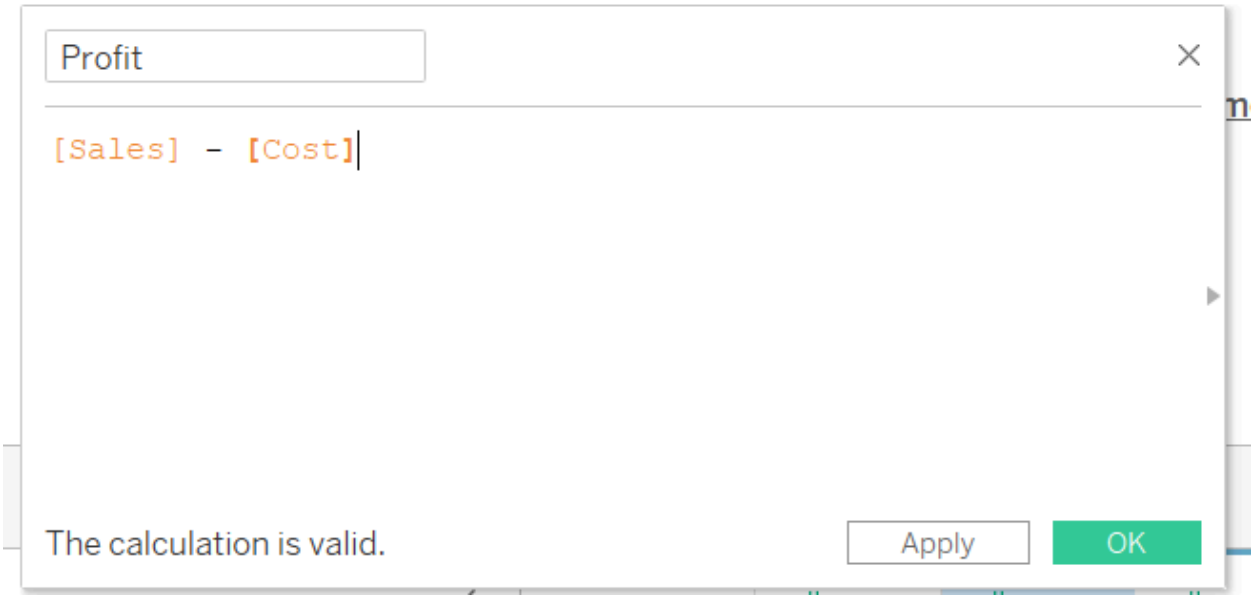


Calculation First Name	Calculation Last Name
Sterne	Salterne
Mady	McMennum
Merwin	Pikhno
Aime	Ferry
Merlina	Lermit
Schuyler	Walewski
Ariadne	Copeland

Task 3:

You need to create a new data field that stores the profits for each sale, or order as shown in the screenshot below.



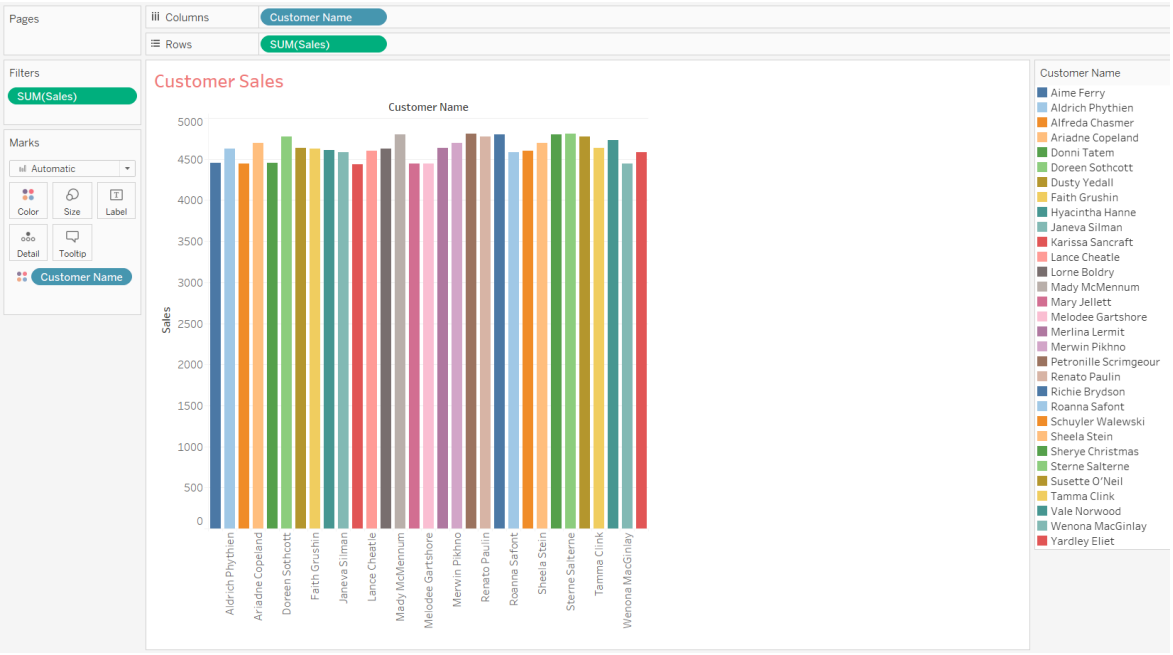


Orders Cost	Orders Sales	Calculation Profit
190.000	285.000	95.000
144.090	216.135	72.045
125.000	187.500	62.500
91.840	137.760	45.920
235.000	352.500	117.500
119.800	179.700	59.900
125.000	187.500	62.500

CREATE INTERACTIVE DASHBOARD FOR SALES AND PROFITS

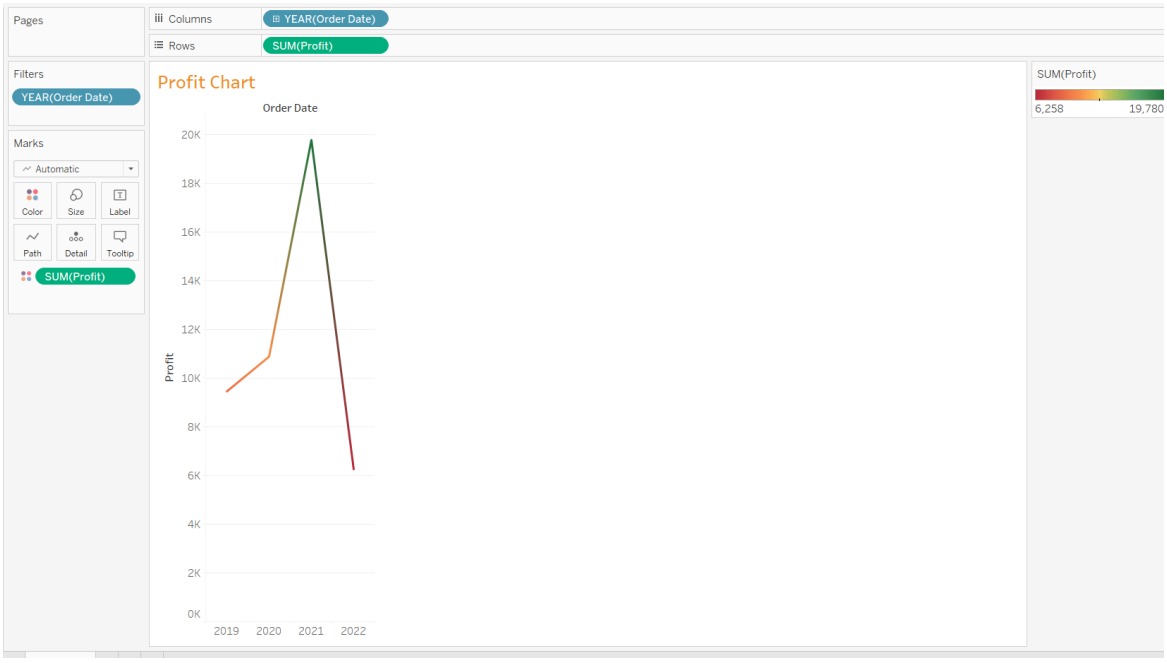
Task 1:

In the first task, you need to create a bar chart that shows customers' sales and filter data based on sales with at least $70.



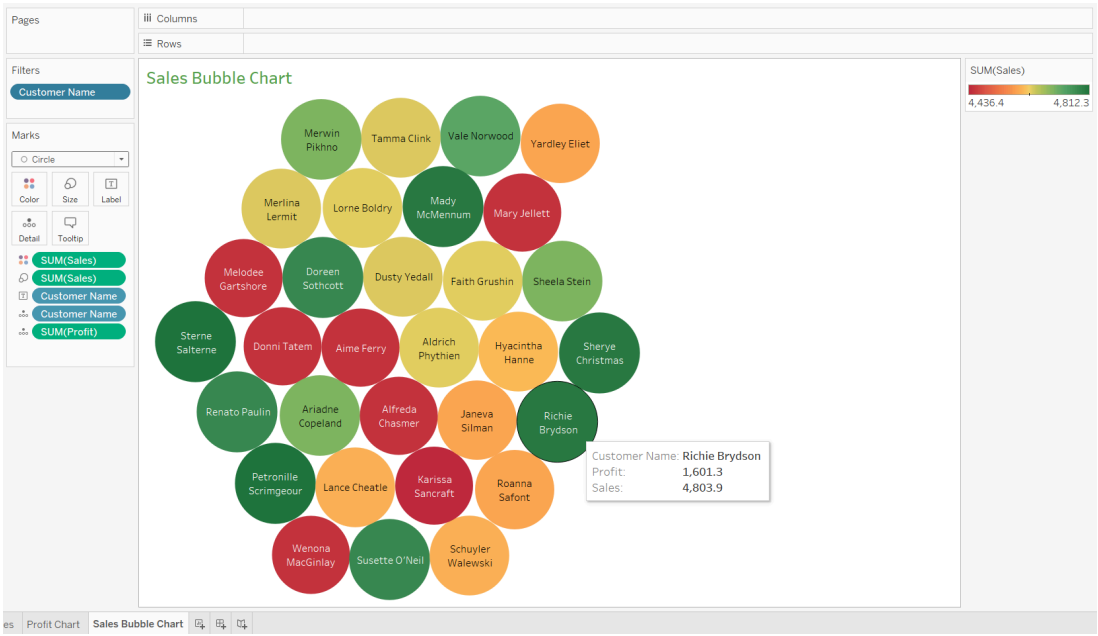
Task 2:

In the second task, you need to create a line chart to show the sales trend from 2019 to 2022.



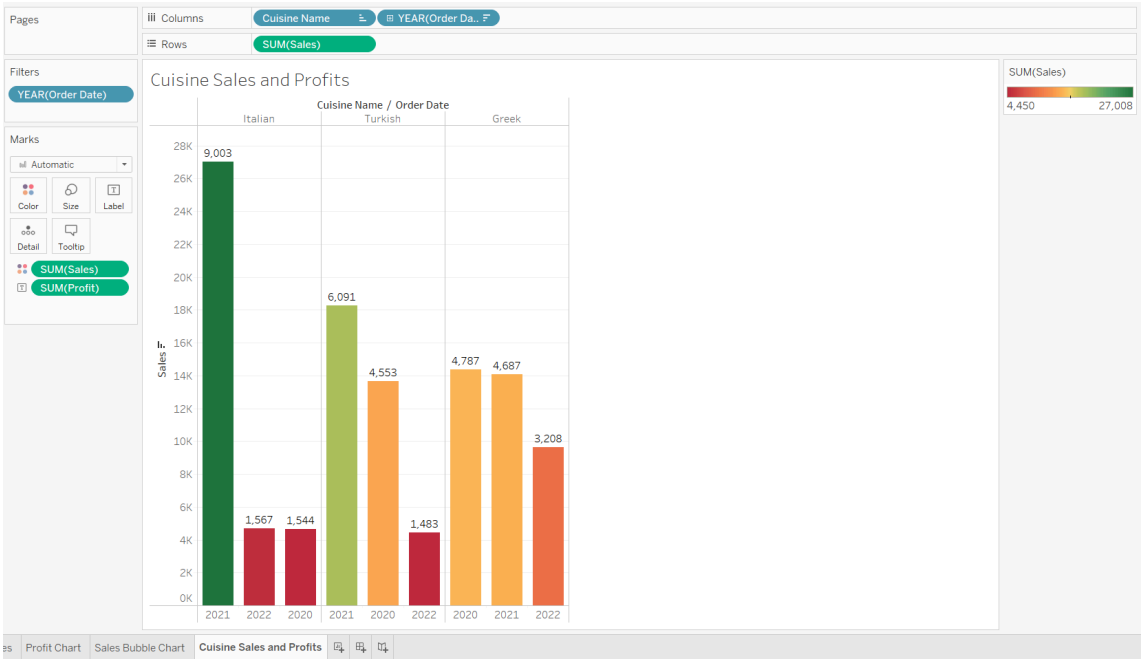
Task 3:

In the third task, you need to create a Bubble chart of sales for all customers. The chart should show the names of all customers. Once you roll over a bubble, the chart should show the name, profit and sale.



Task 4:

In this task, you need to compare the sales of the three different cuisines sold at Little Lemon. Create a Bar chart that shows the sales of the Turkish, Italian and Greek cuisines.



Task 5:

In this final task, you need to create an interactive dashboard that combines the Bar chart called Customers sales and the Sales Bubble Chart.