

# Data Analytics With Tableau

## Assignment-3 Task

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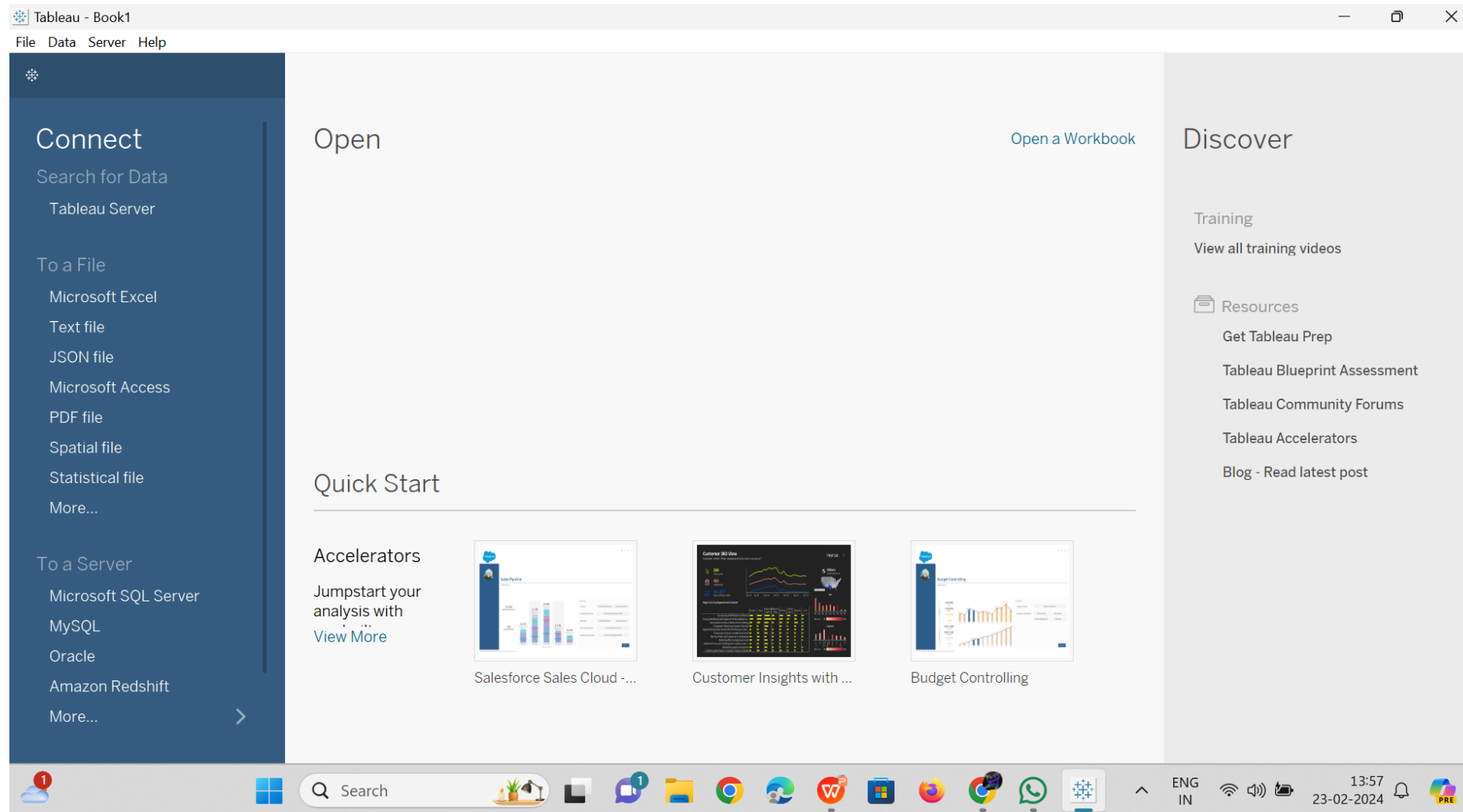
College:Vignan's Nirula Institute of technology  
and science for women

Task:-

Upload the dataset to Tableau

- Define at least two sets based on specific criteria from your dataset (e.g., high-value customers, top-performing products).
- Experiment with combining sets using UNION, INTERSECT, and MINUS operations.
- Create 2 Calculation field using any aggregate function
- Create any 3 visualization using quick Table Calculations

# Tableau Starting:-



# Upload the dataset to Tableau:-

Tableau - Book2

File Data Server Window Help

Connections Add

Sample - Superstore  
Microsoft Excel

Sheets

- Orders
- People
- Returns
- New Union
- New Table Extension

Union (Sample - Superstore)

Connection: ☒ Live ☐ Extract

Filters: 0 | Add

Union

Need more data?  
Drag tables here to relate them. [Learn more](#)

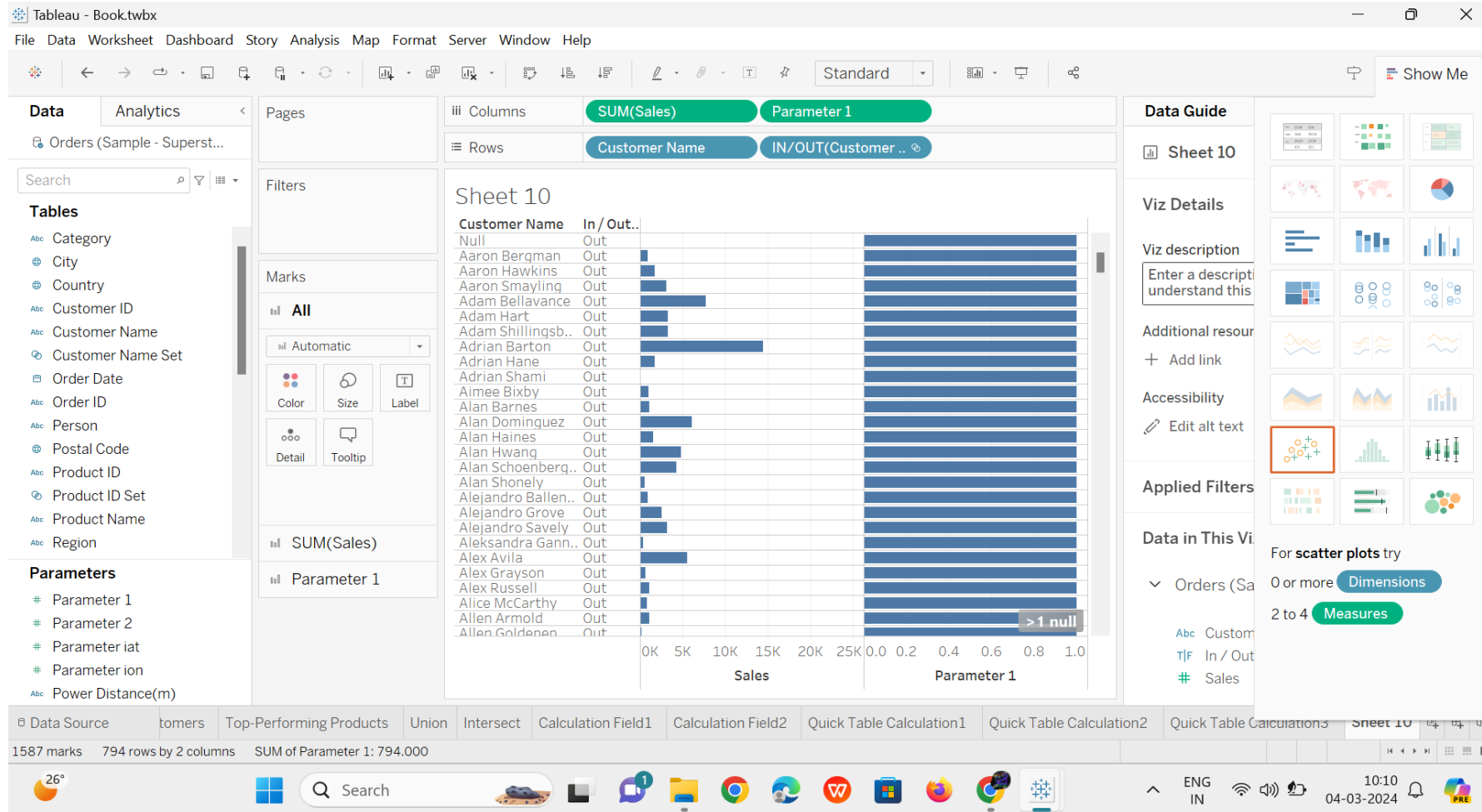
Union 25 fields 10294 rows 100 rows

#	Abc	Union	Union	Abc
Row ID	Order ID	Order Date	Ship Date	Ship Mode
1	CA-2016-152156	08-11-2016	11-11-2016	Second Class
2	CA-2016-152156	08-11-2016	11-11-2016	Second Class
3	CA-2016-138688	12-06-2016	16-06-2016	Second Class
4	US-2015-108966	11-10-2015	18-10-2015	Standard Class

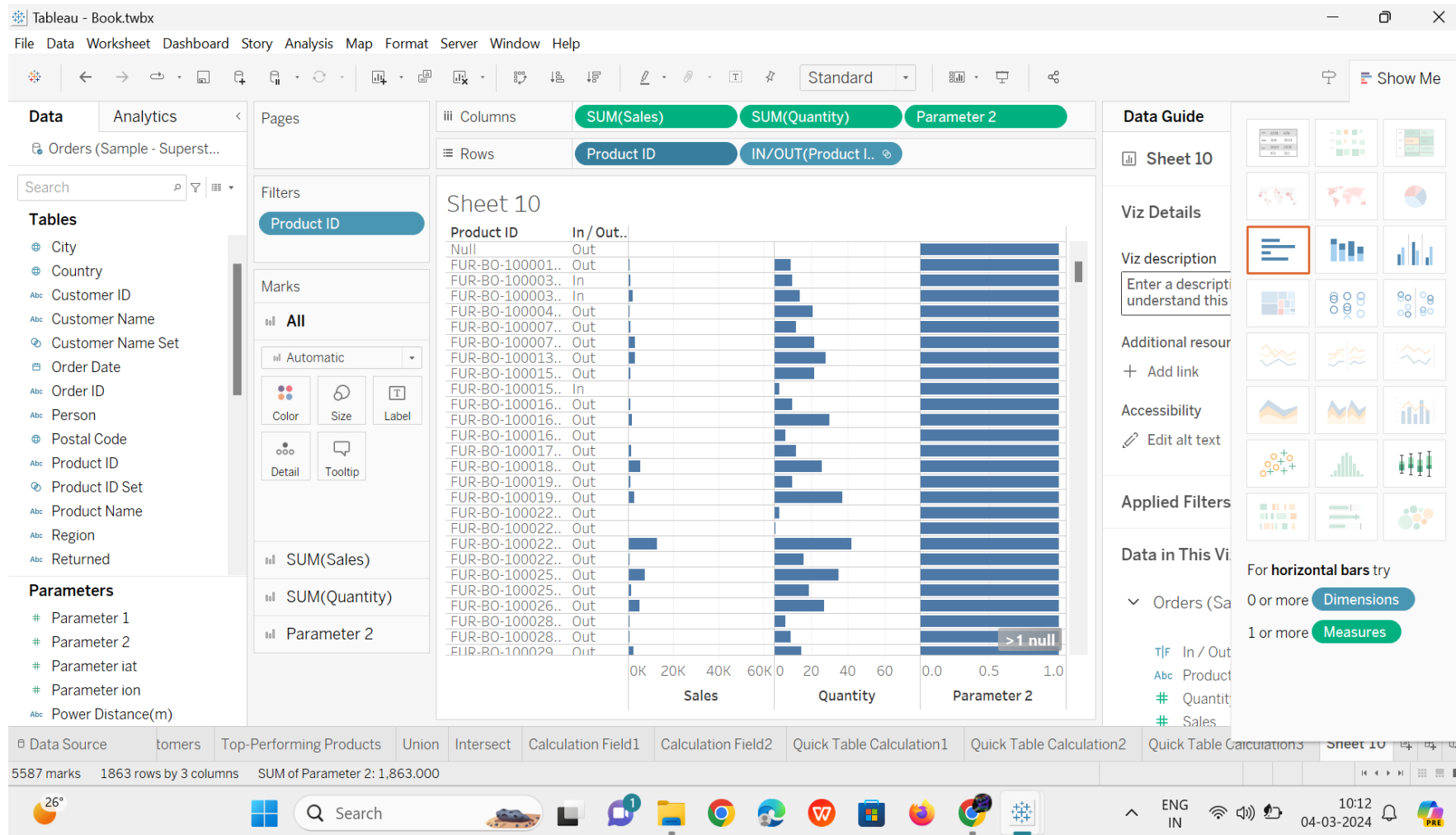
Go to Worksheet

Data Source Sheet 1

# Two Sets On Specific Criteria:- High-Value Customers:



# Top-Performing Products:-



# UNION:-

ConnectionsAdd

Sample - Superstore  
Microsoft Excel

Sheets

Orders

People

Returns

New Union

New Table Extension

Orders (Sample - Superstore (1))

Connection

Live

Extract

Filters  
0Add

Orders

Orders+

Specific (manual)

Wildcard (automatic)

Connection: Sample - Superstore

Orders

People

Returns

Tables in union: 3

Apply

OK

Orders

25 fields 10

Name

Orders

Fields

Type	Field Name	Physical Table	Remote Fiel...
#	Row ID	Orders+	Row ID
Abc	Order ID	Orders+	Order ID
📅	Order Date	Orders+	Order Date

100

rows

Orders+	Orders+	Abc Orders+	Abc Orders+	Abc Orders+
Order Date	Ship Date	Ship Mode	Customer ID	Customer Name1
08-11-2016	11-11-2016	Second Class	CG-12520	Claire Gute
2	CA-2016-152156	08-11-2016	11-11-2016	Second Class
3	CA-2016-138688	12-06-2016	16-06-2016	Second Class
4	US-2015-108966	11-10-2015	18-10-2015	Standard Class
5	US-2015-108966	11-10-2015	18-10-2015	Standard Class
6	CA-2014-115812	09-06-2014	14-06-2014	Standard Class

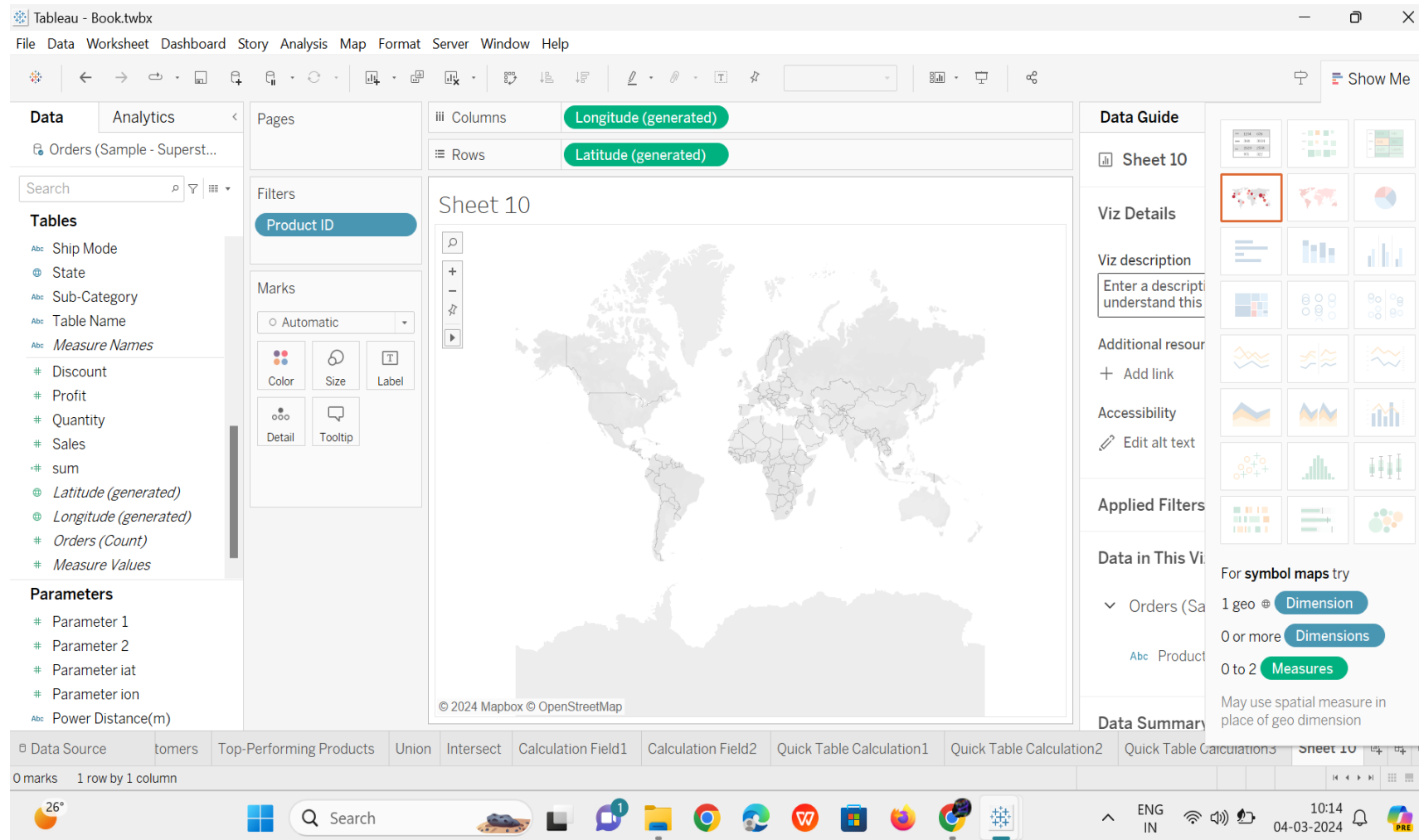
Data Source

High-value Customers

Top-Performing Products

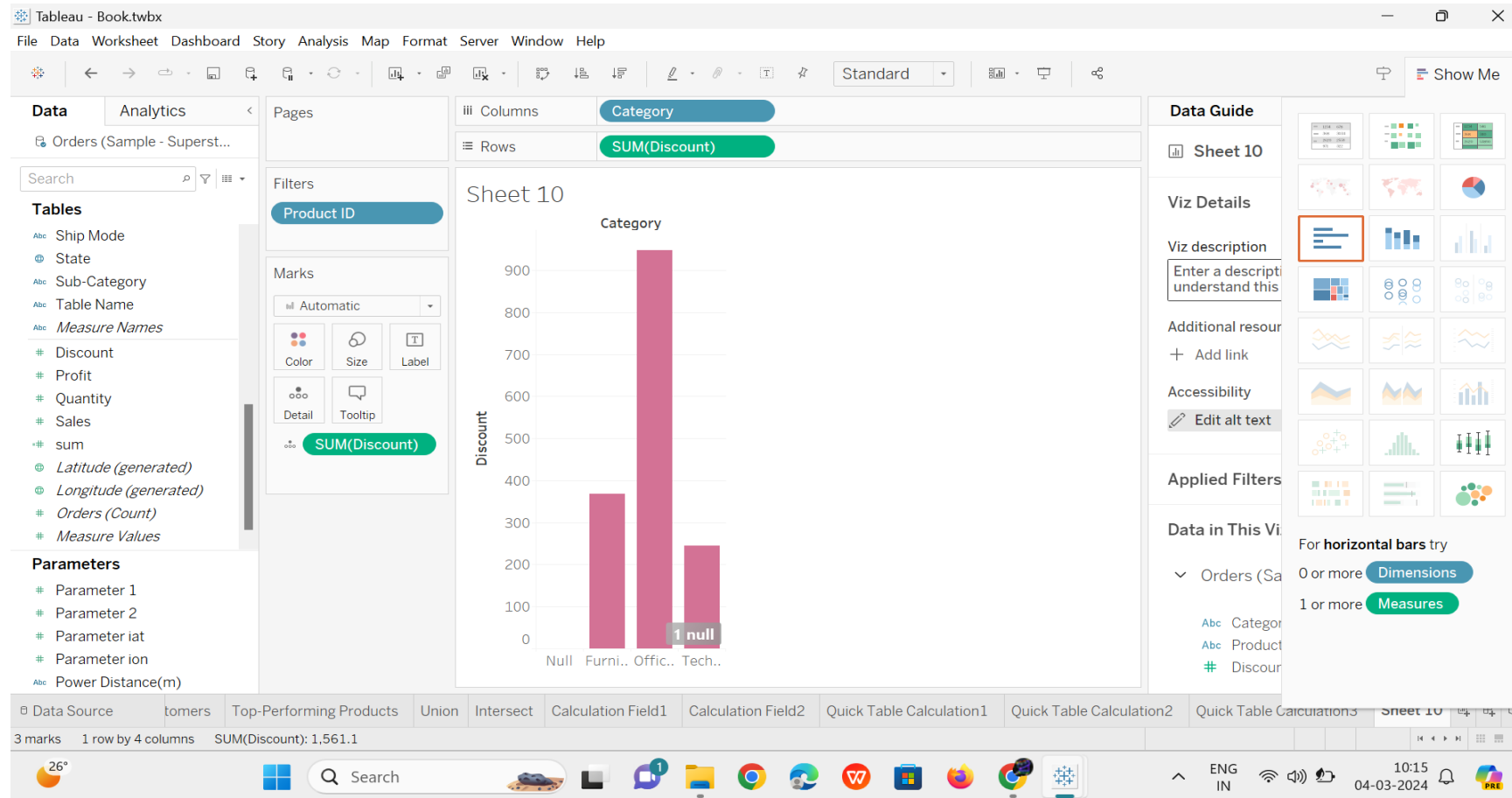
Union

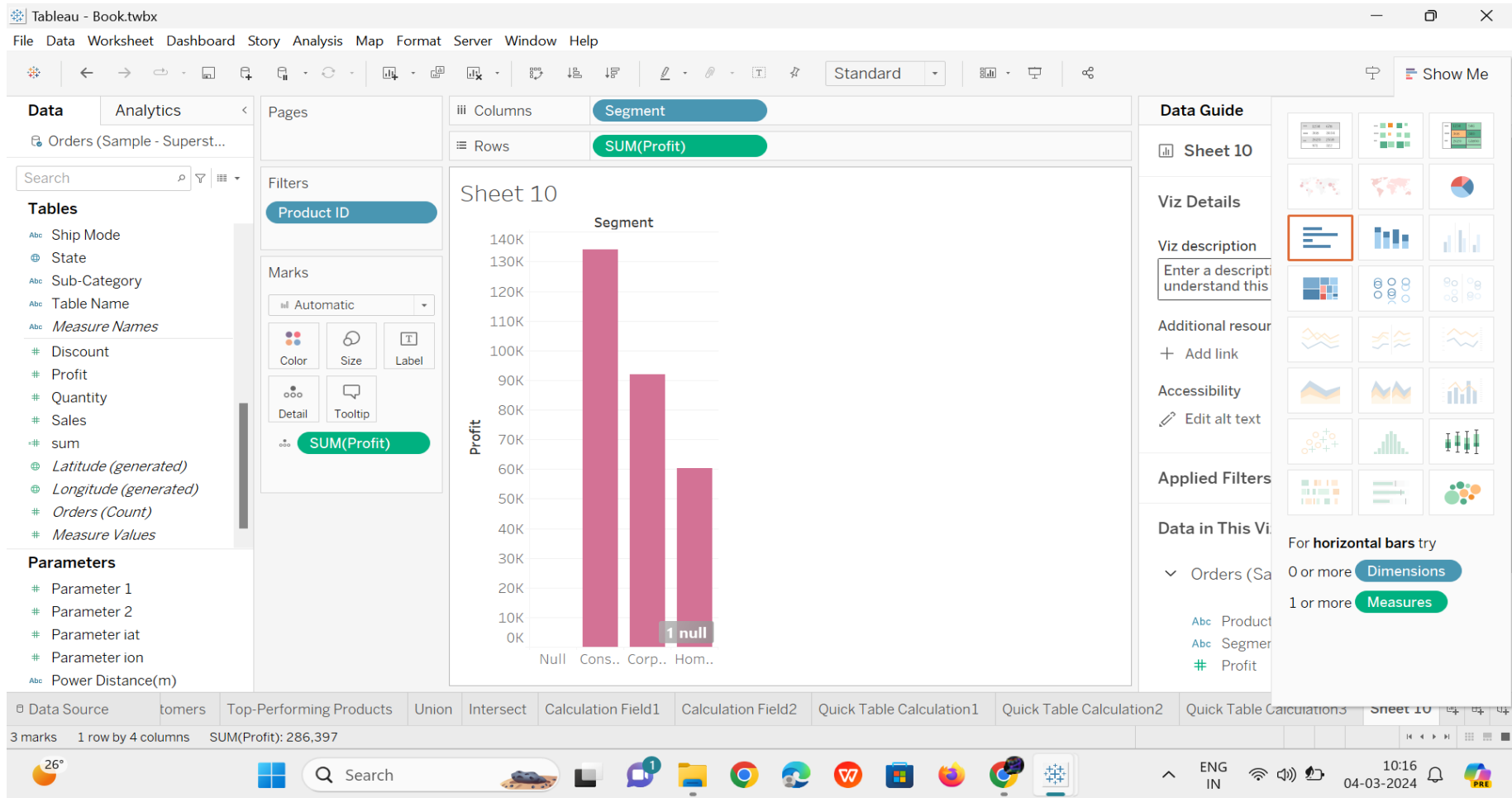
# INTERSECT:-





# Create 2 Calculation Field Using any Aggregate Functions:-





# Create any 3 Visualization using Quick Table Calculation:-

Tableau - Book1

File Data Worksheet Dashboard Story Analysis Map Format Server Window Help

Standard

Data Analytics

Orders (Sample - Superstore...)

Search

Tables

- Product Name
- Region
- Returned
- Row ID
- Segment
- Sheet
- Ship Date
- Ship Mode
- State
- Sub-Category
- Table Name
- Measure Names
- Discount
- Profit
- Quantity
- Sales
- sum
- Latitude (generated)
- Longitude (generated)
- Orders (Count)
- Measure Values

Parameters

- Parameter 1
- Parameter 2
- Parameter iat
- Parameter ion
- Power Distance(m)

Pages

Filters

- Sub-Category
- Measure Names

Marks

Automatic

Colour Size Text

Detail Tooltip

Measure Values

- SUM(Sales)
- SUM(Profit)
- SUM(Sales)

Columns

Measure Names

Rows

Sub-Category

Running Total

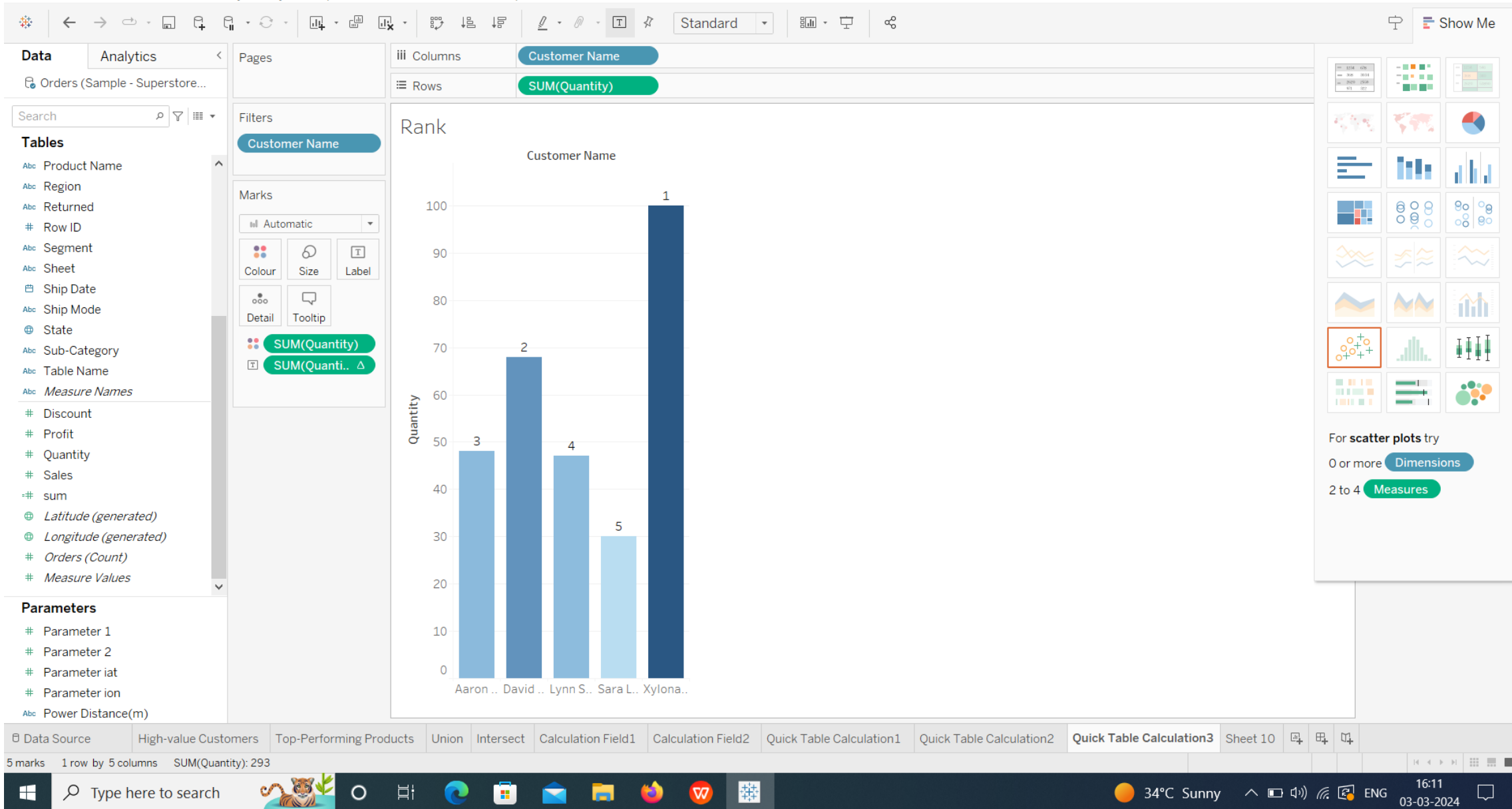
Sub-Catego..	Profit	Running ..
Accessories	167,380	167,380
Appliances	274,912	274,912
Art	302,031	302,031
Binders	505,444	505,444
Bookcases	620,324	620,324
Chairs	948,773	948,773
Copiers	1,098,301	1,098,301
Envelopes	1,114,778	1,114,778
Fasteners	1,117,802	1,117,802
Furnishings	1,209,507	1,209,507
Labels	1,221,993	1,221,993
Machines	1,411,232	1,411,232
Paper	1,489,711	1,489,711
Phones	1,819,718	1,819,718
Storage	2,043,562	2,043,562
Supplies	2,090,235	2,090,235
Tables	2,297,201	2,297,201

34 marks 17 rows by 2 columns Running Sum of SUM(Sales): 19,732,905

Quick Table Calculation1 Quick Table Calculation2 Quick Table Calculation3 Sheet 10

34°C Sunny 16:11 03-03-2024





Thank you

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