

Data Analytics With Tableau

Assignment-3

Name:-

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Registered No(Roll No):-

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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:-

The screenshot displays the Tableau Desktop interface. At the top, the title bar reads 'Tableau - Book1' with standard window controls. Below it is a menu bar with 'File', 'Data', 'Server', and 'Help'. The left sidebar is a dark blue navigation pane with a 'Connect' section containing 'Search for Data' and 'Tableau Server'. Below this are 'To a File' options: 'Microsoft Excel', 'Text file', 'JSON file', 'Microsoft Access', 'PDF file', 'Spatial file', 'Statistical file', and 'More...'. Further down are 'To a Server' options: 'Microsoft SQL Server', 'MySQL', 'Oracle', 'Amazon Redshift', and 'More...'. At the bottom of the sidebar is 'Saved Data Sources' with 'Sample - EU Superstore', 'Sample - Superstore', and 'World Indicators'. The main workspace is divided into three primary sections. The 'Open' section at the top left shows a large empty box labeled 'Book1' and a link 'Open a Workbook'. The 'Quick Start' section below it features an 'Accelerators' area with the text 'Jumpstart your analysis with pre-built templates' and a 'View More' link, followed by three accelerator thumbnails: 'Salesforce Sales Cloud - ...', 'Customer Insights with ...', and 'Budget Controlling'. Below these are 'Sample Workbooks' with the text 'Explore what Tableau can do' and two sample workbook thumbnails. The right sidebar is a light gray 'Discover' section with a 'Meet Tableau' section containing 'Get started', 'Tour the Tableau environment', 'Connect to and prepare data', and 'Learn more...'. Below this is a 'Resources' section with 'Get Tableau Prep', 'Tableau Blueprint Assessment', 'Tableau Community Forums', 'Tableau Accelerators', and 'Blog - Read latest post'. At the bottom right of the sidebar is a promotional banner for 'Tableau 2023.3 available now' with the text 'See, understand and act on your data with Tableau 2023.3' and a link 'Explore now'. The Windows taskbar is visible at the bottom, showing the search bar, task view button, and various application icons. The system tray on the right shows 'High UV', network status, and the date '15-02-2024'.

Tableau - Book1
File Data Server Help

Connect

Search for Data
Tableau Server

To a File

- Microsoft Excel
- Text file
- JSON file
- Microsoft Access
- PDF file
- Spatial file
- Statistical file
- More...

To a Server

- Microsoft SQL Server
- MySQL
- Oracle
- Amazon Redshift
- More...

Saved Data Sources

- Sample - EU Superstore
- Sample - Superstore
- World Indicators

Open

Open a Workbook

Book1

Quick Start

Accelerators

Jumpstart your analysis with pre-built templates
[View More](#)

- Salesforce Sales Cloud - ...
- Customer Insights with ...
- Budget Controlling

Sample Workbooks

Explore what Tableau can do

Discover

Meet Tableau

- Get started
- Tour the Tableau environment
- Connect to and prepare data
- Learn more...


Resources

- Get Tableau Prep
- Tableau Blueprint Assessment
- Tableau Community Forums
- Tableau Accelerators
- Blog - Read latest post

Tableau 2023.3 available now

See, understand and act on your data with Tableau 2023.3
[Explore now](#)

Upload the dataset to Tableau:-

←→↺⌂↻

Connections Add

Sample - Superstore
Microsoft Excel

Sheets ⌵

Orders

People

Returns

New Union

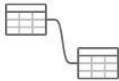
New Table Extension

Orders (Sample - Superstore (1))

Connection
☒ Live ☐ Extract

Filters
0 Add

Orders



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

Orders 26 fields 10590 rows

100 → rows ⚙️ ▼

Name
Orders

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

#	Abc	📅	📅	Abc	Abc	Abc
Orders+	Orders+	Orders+	Orders+	Orders+	Orders+	Orders+
Row ID	Order ID	Order Date	Ship Date	Ship Mode	Customer ID	Customer Name
1	CA-2016-152156	08-11-2016	11-11-2016	Second Class	CG-12520	Claire Gute
2	CA-2016-152156	08-11-2016	11-11-2016	Second Class	CG-12520	Claire Gute
3	CA-2016-138688	12-06-2016	16-06-2016	Second Class	DV-13045	Darrin Van Huff
4	US-2015-108966	11-10-2015	18-10-2015	Standard Class	SO-20335	Sean O'Donnell
5	US-2015-108966	11-10-2015	18-10-2015	Standard Class	SO-20335	Sean O'Donnell
6	CA-2014-115812	09-06-2014	14-06-2014	Standard Class	BH-11710	Brosina Hoffman

Data Source

High-value Customers

Top-Performing Products

Union

Intersect

Calculation Field1

Calculation Field2

Quick Table Calculation1

Quick Table Calculation2

Quick Table Calculation3

Sheet 10

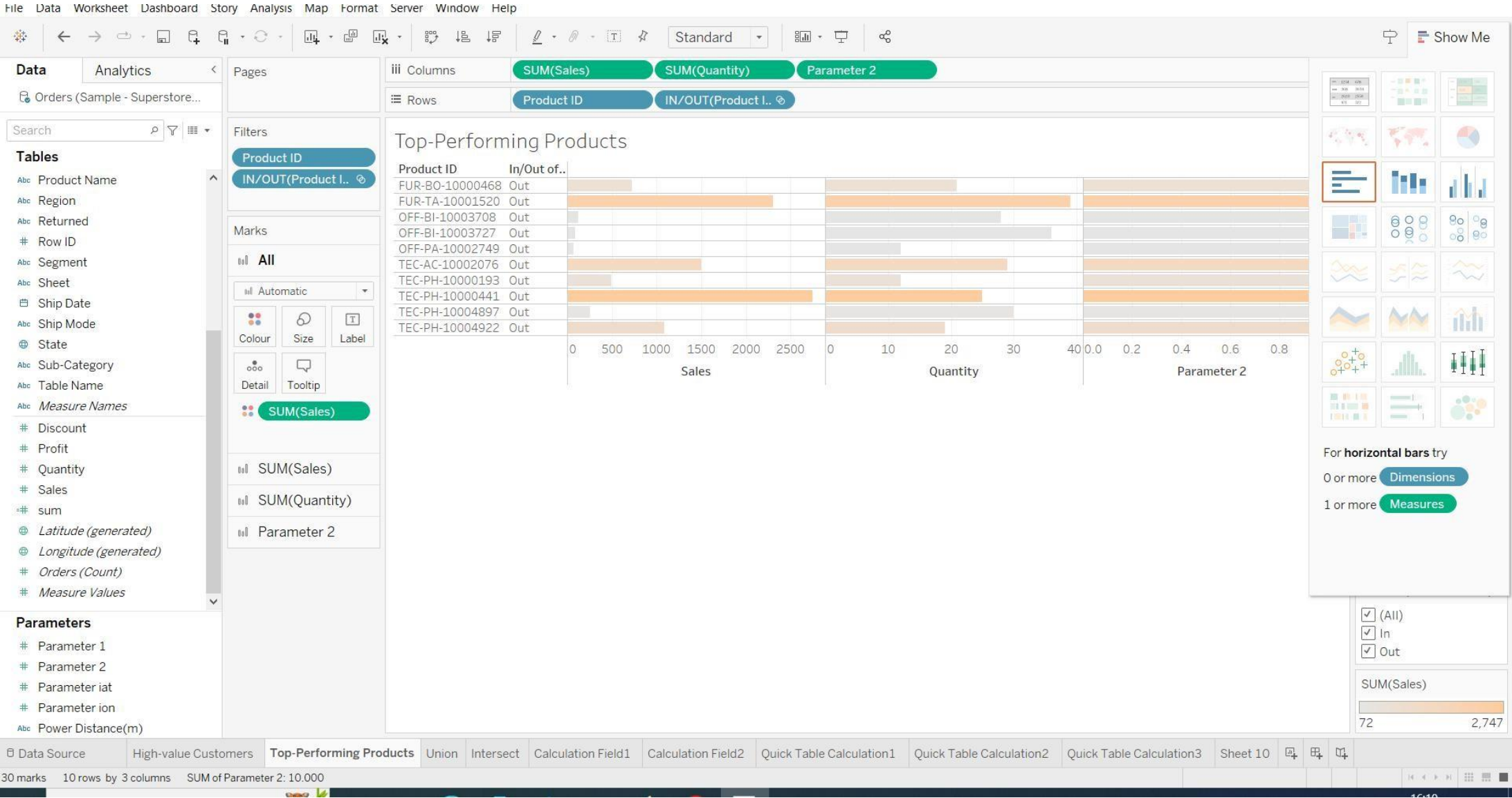
🔍

🔍

🔍

14 < > 🔍

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
3-11-2016	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

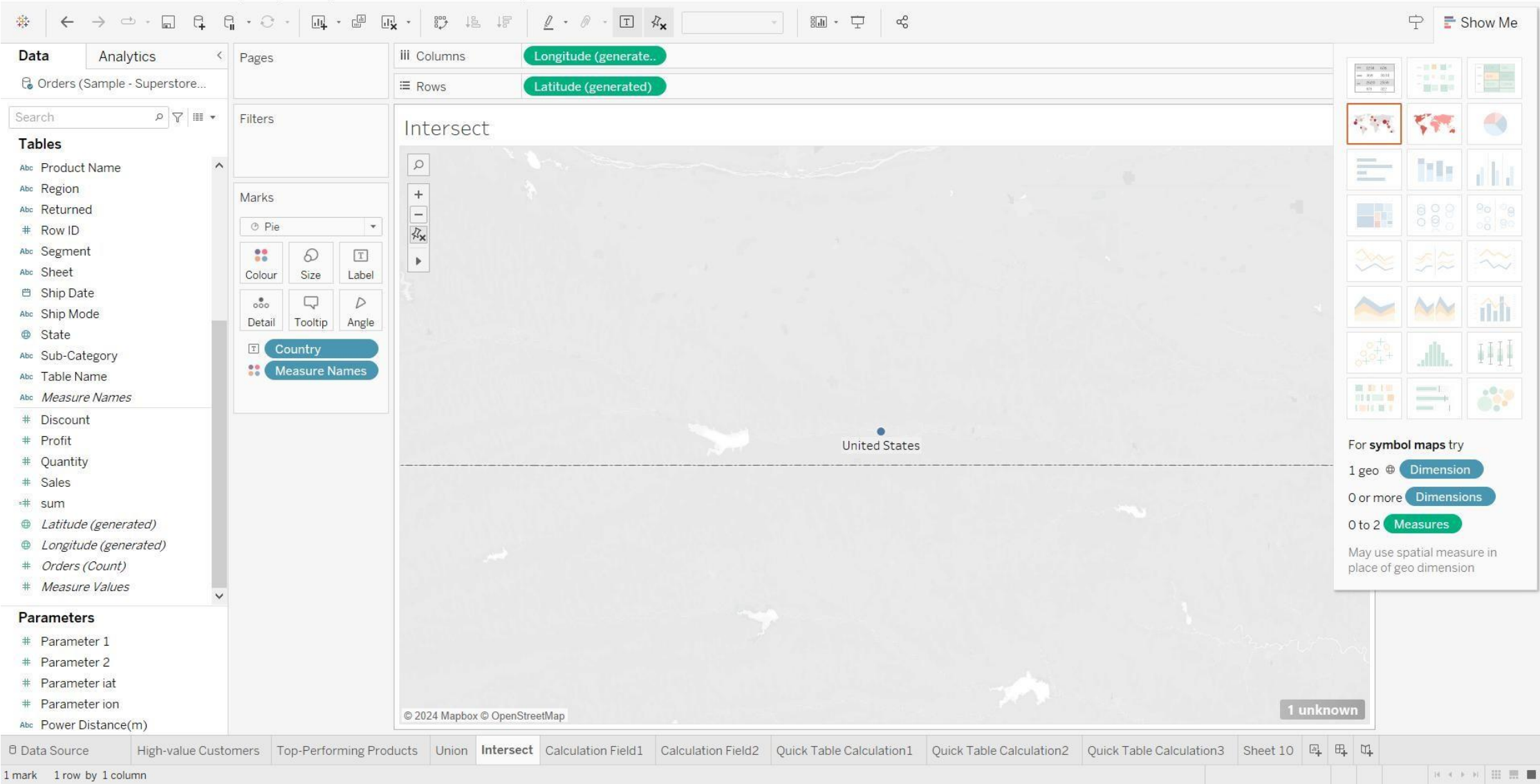
Union

📊

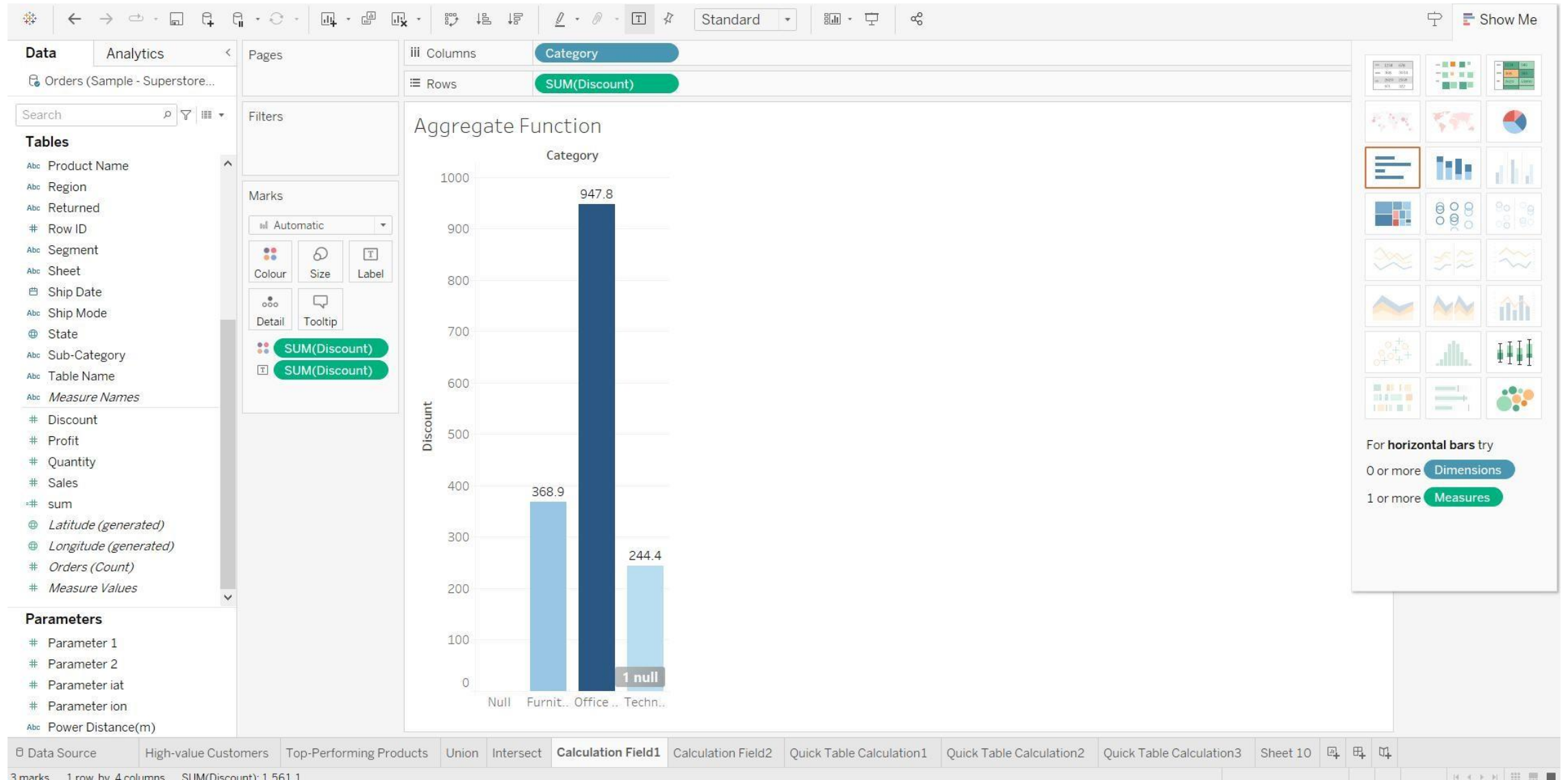
📈

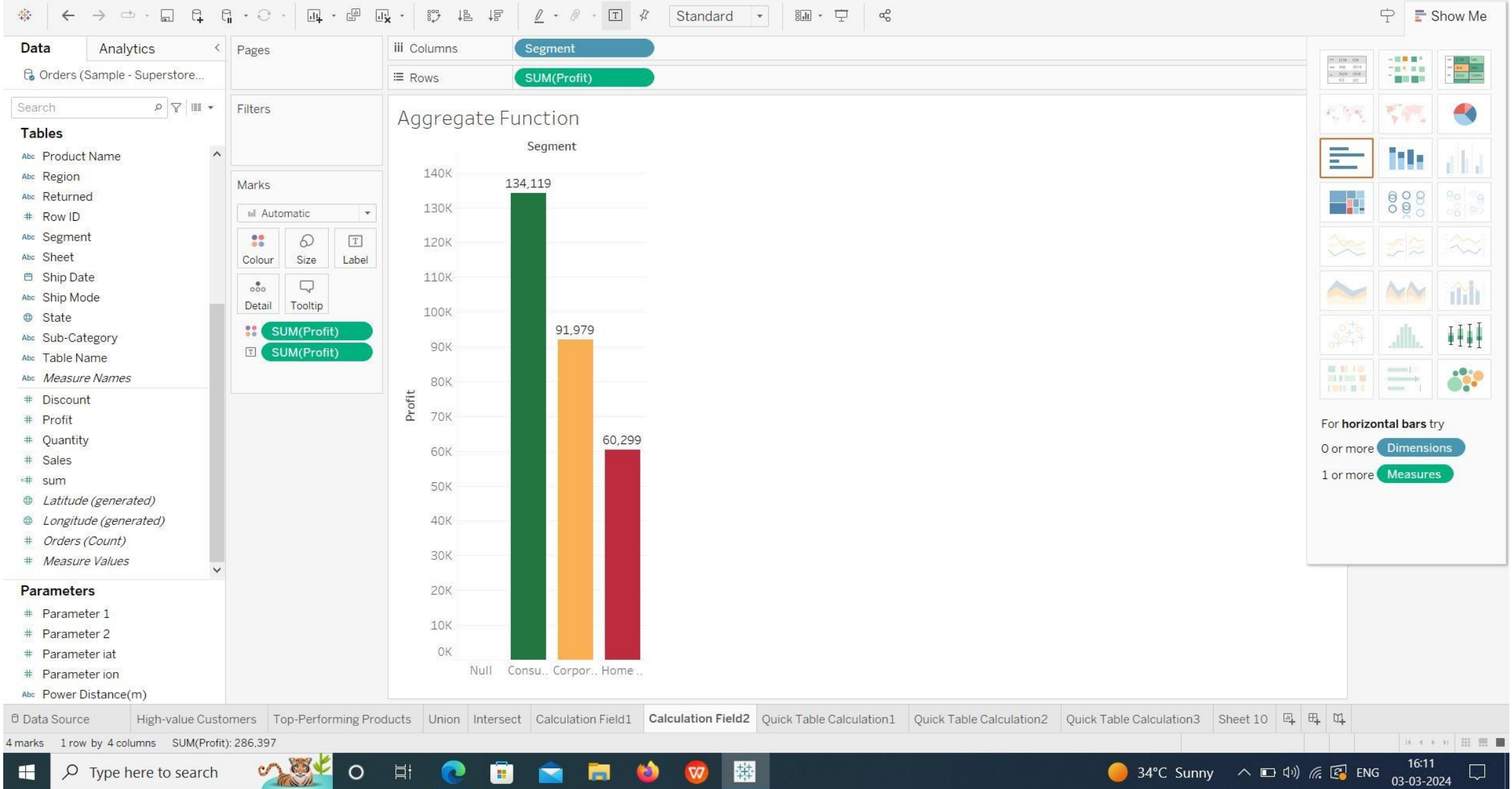
📉

INTERSECT:-

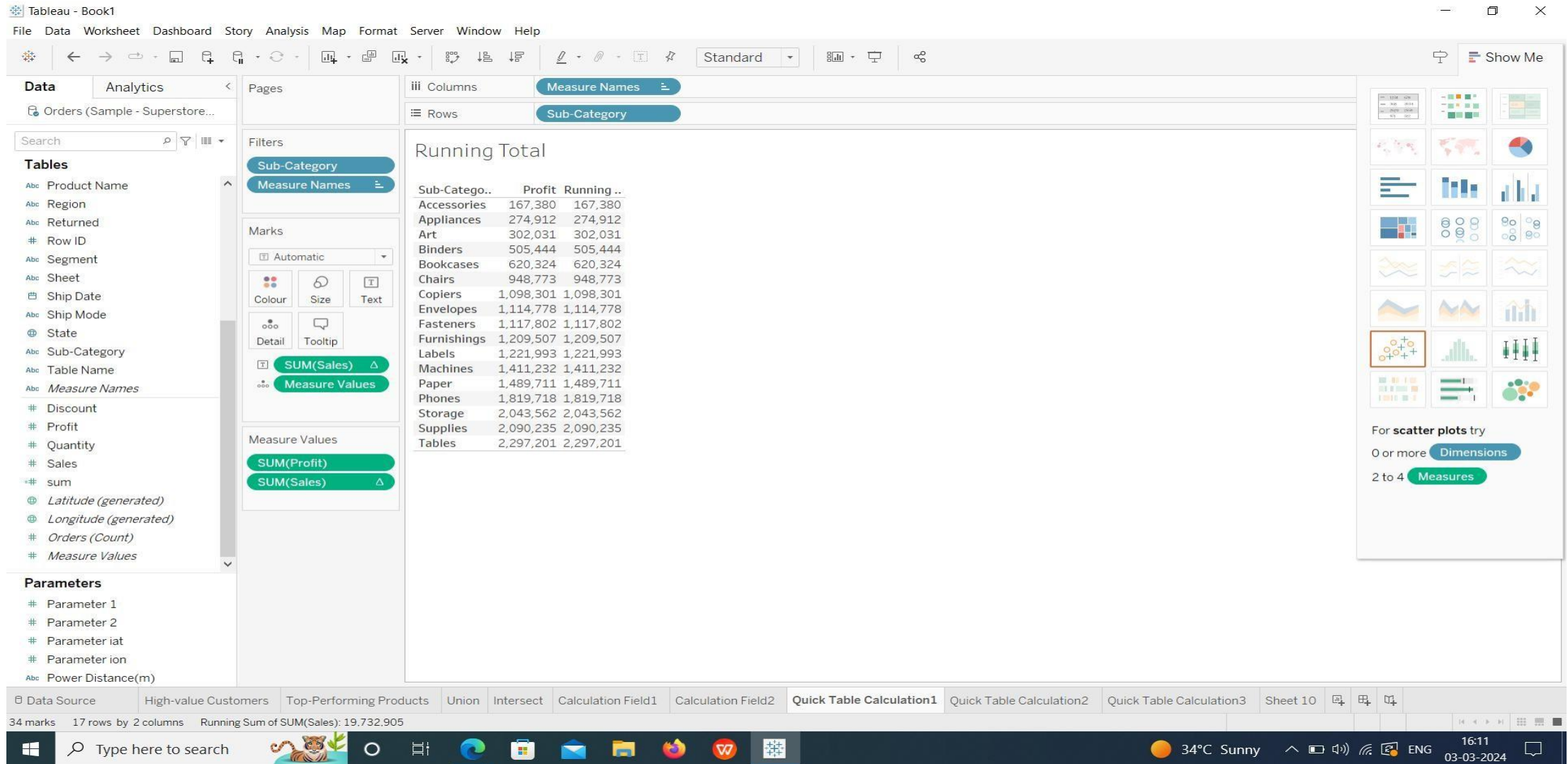


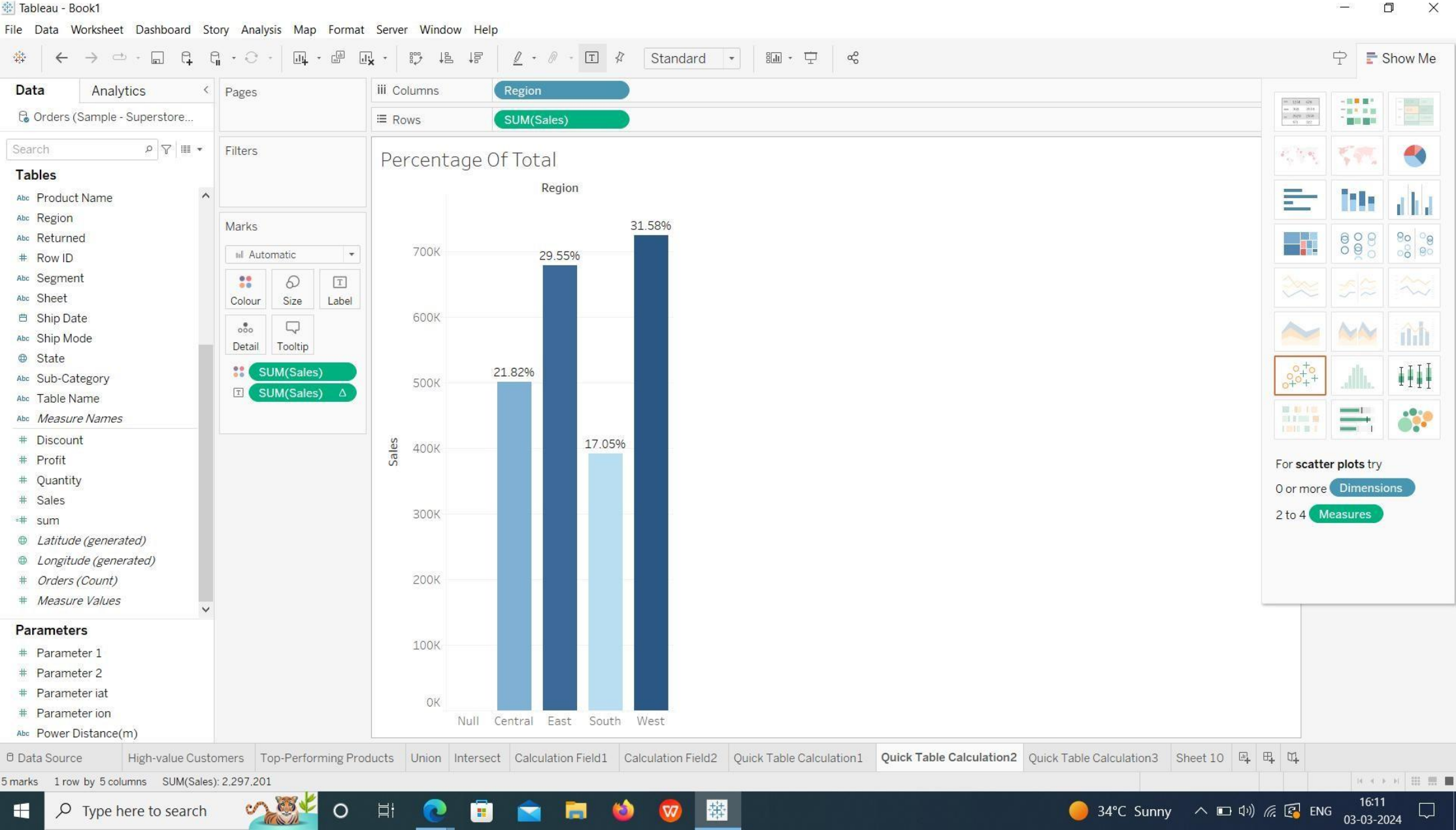
Create 2 Calculation Field Using any Aggregate Functions:-

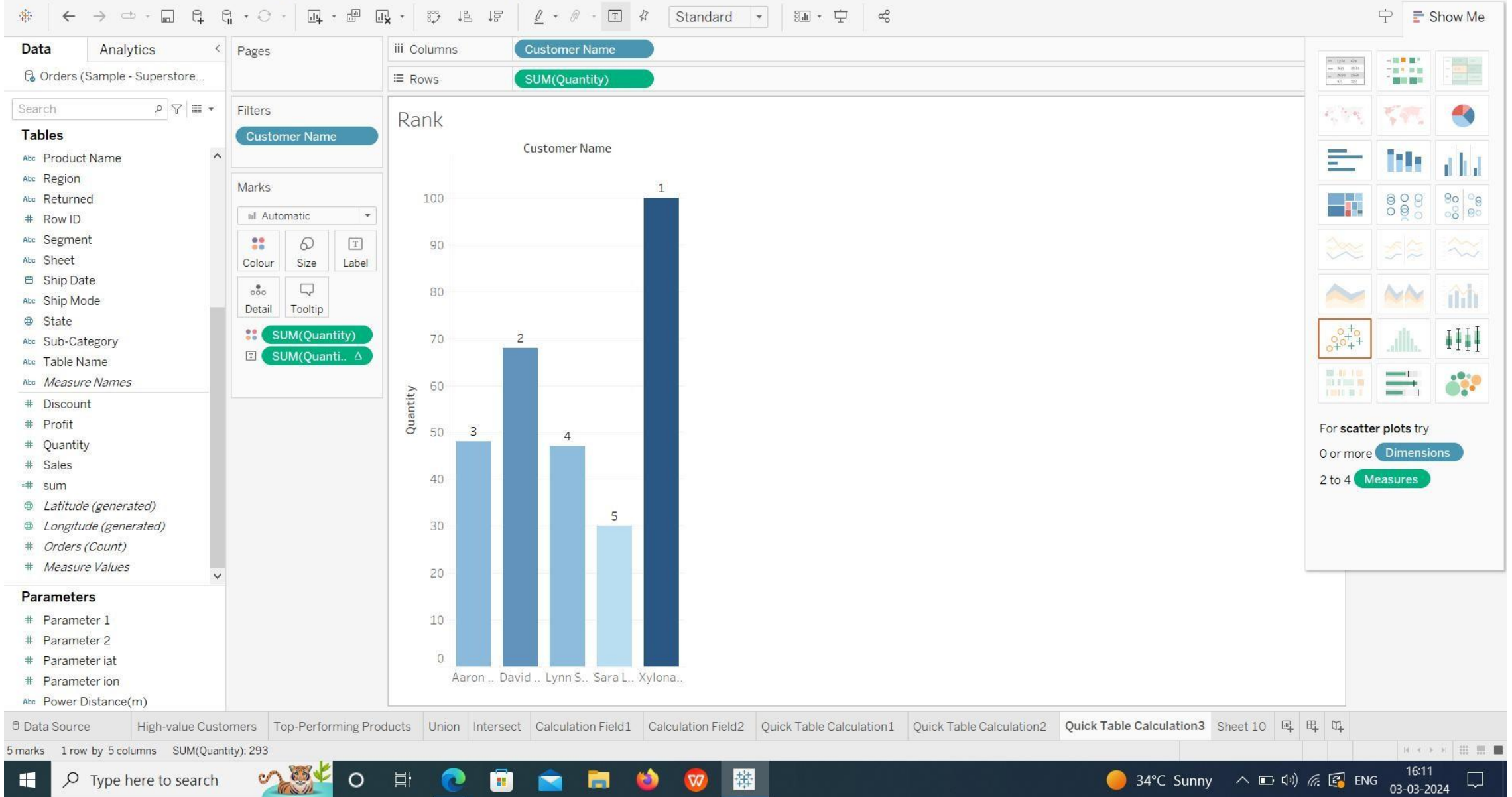




Create any 3 Visualization using Quick Table Calculation:-







Thank you

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