

# MANIPULATE STRING AND DATE CALCULATIONS

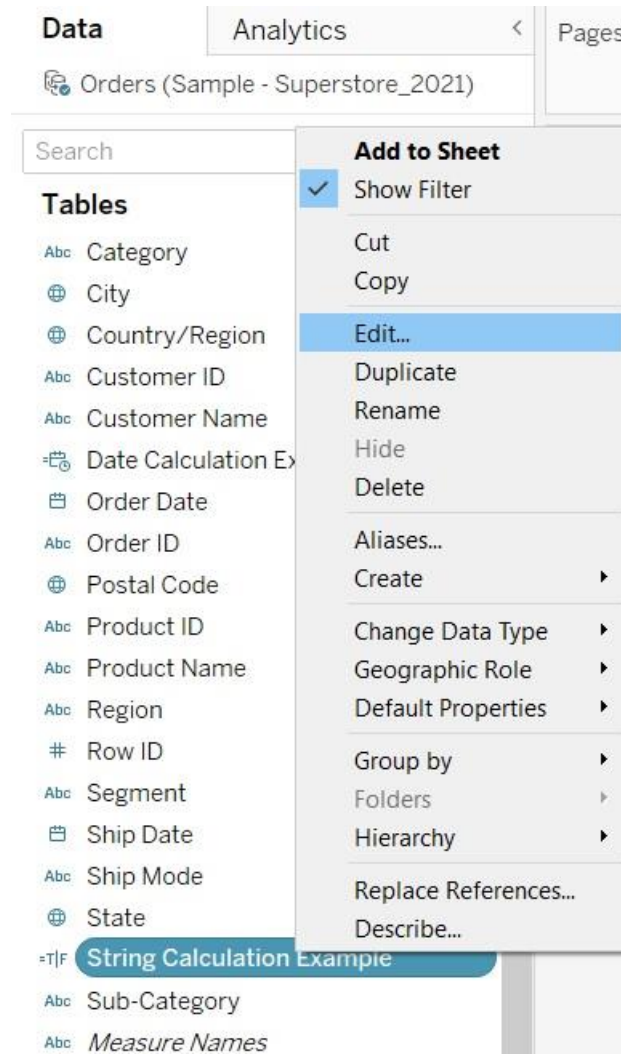
## **Pre-requisite for this topic:**

For details regarding how to create a String and Date Calculated Field please refer to the below mentioned link:

[https://github.com/DeepakHolla/Tableau-Topics/blob/main/How to Create a Calculated Field.pdf](https://github.com/DeepakHolla/Tableau-Topics/blob/main/How%20to%20Create%20a%20Calculated%20Field.pdf)

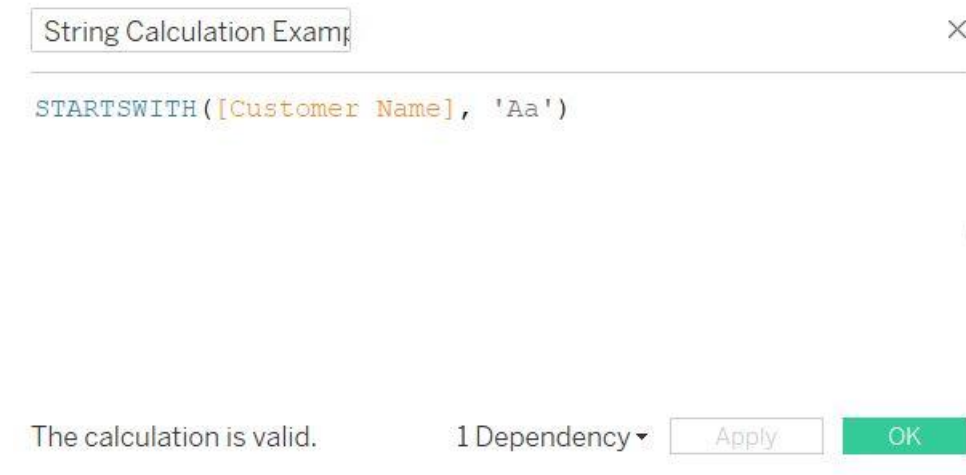
# STEPS TO MANIPULATE A STRING CALCULATION

**Step 1: Right-click** on the already created String Calculated Field, **Edit**



# STEPS TO MANIPULATE A STRING CALCULATION

**Step 2:** The calculation dialog box appears



String Calculation Example

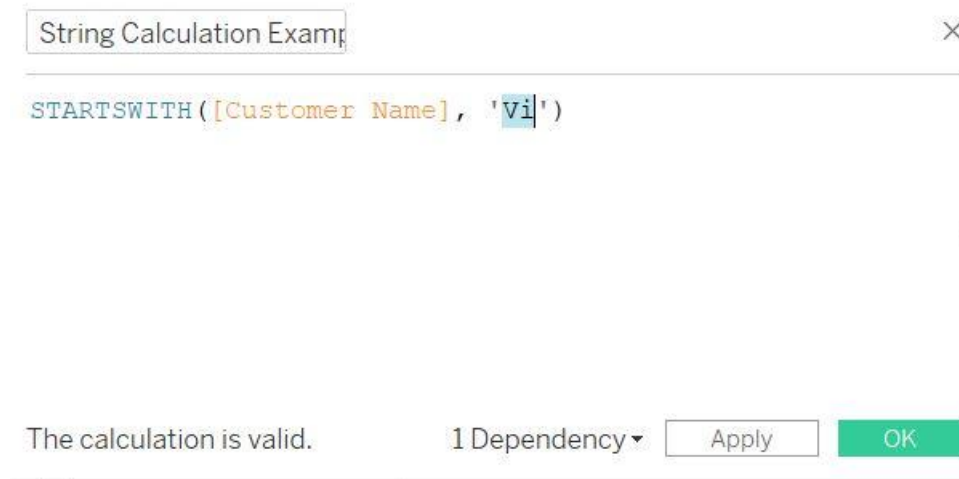
STARTSWITH([Customer Name], 'Aa')

The calculation is valid. 1 Dependency

Apply OK

# STEPS TO MANIPULATE A STRING CALCULATION

**Step 3:** Make the required change e.g.: Change the **substring** as 'Vi'  
Ensure that a **"The calculation is valid"** message is present  
Click **OK**



The screenshot shows a dialog box titled "String Calculation Example" with a close button (X) in the top right corner. The main area contains the text `STARTSWITH([Customer Name], 'Vi')`. At the bottom, there is a status bar that reads "The calculation is valid." followed by a dropdown menu showing "1 Dependency". To the right of the dropdown are two buttons: "Apply" and "OK".

# STEPS TO MANIPULATE A STRING CALCULATION

**Step 4:** Check if the String Calculated Field is working as expected

Move the **Customer Name** and **String Calculated Field** to **Rows** Shelf

Move the **String Calculated Field** to **Filters** Shelf and **Select** only **True**

The screenshot shows the Tableau interface with the following components:

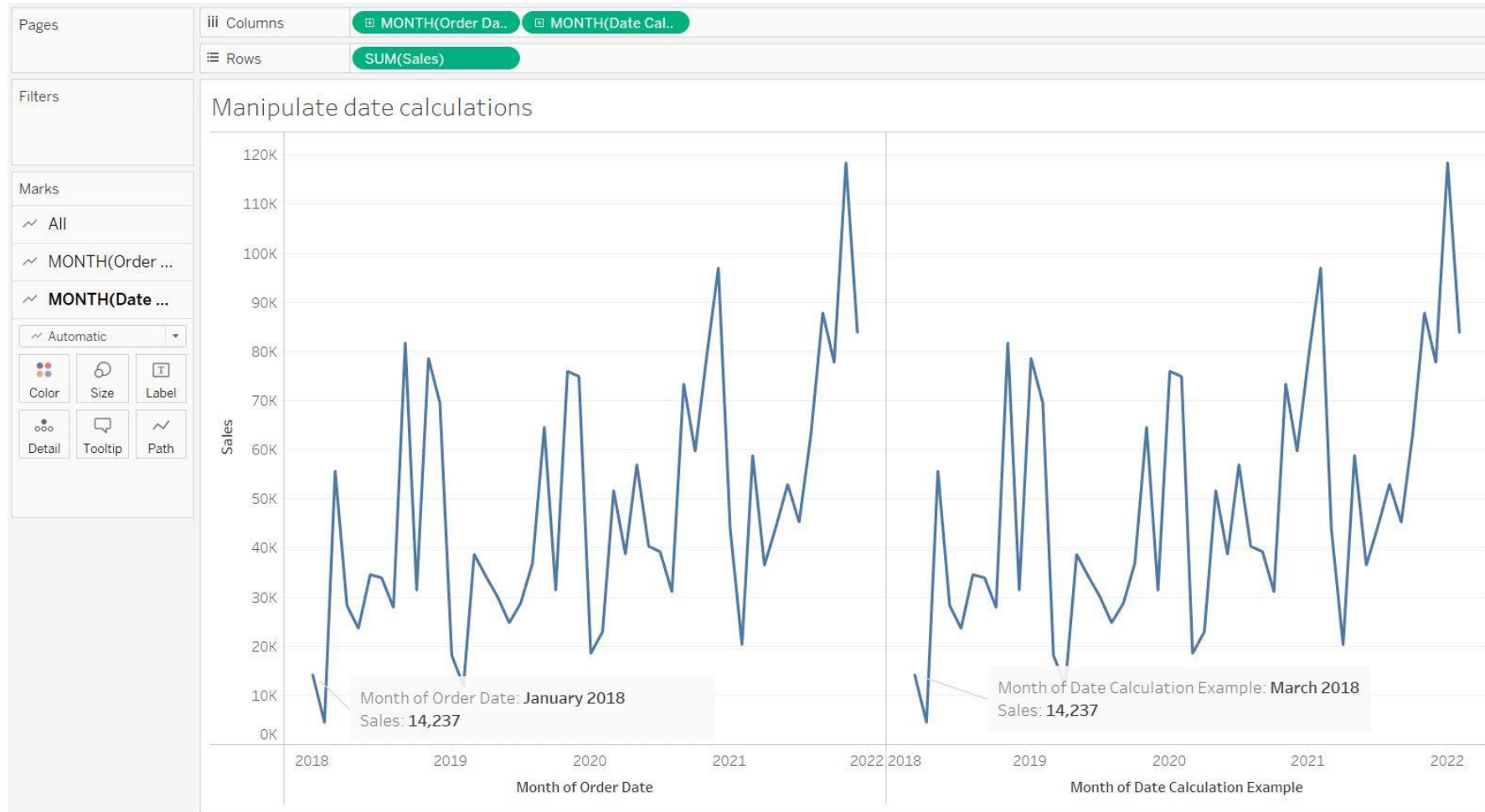
- Columns Shelf:** Empty.
- Rows Shelf:** Contains 'String Calculation Ex...' and 'Customer Name'.
- Filters Shelf:** Contains 'String Calculation Ex...'.
- Marks Shelf:** Set to 'Automatic'.
- Table:** A table titled 'Manipulate string calculations' with columns 'String Calculation Example' and 'Customer Name'. The 'String Calculation Example' column is filtered to show only 'True' values. The 'Customer Name' column lists names and a corresponding 'Abc' value.
- Right Panel:** A section titled 'String Calculation Exam...' with checkboxes for '(All)', 'False', and 'True'. The 'True' checkbox is selected.

| String Calculation Example | Customer Name    |
|----------------------------|------------------|
| True                       | Vicky Freymann   |
|                            | Victor Preis     |
|                            | Victoria Brennan |
|                            | Victoria Pisteka |
|                            | Victoria Wilson  |
|                            | Vivek Gonzalez   |
|                            | Vivek Grady      |
|                            | Vivek Sundaresam |
|                            | Vivian Mathis    |

# STEPS TO MANIPULATE A DATE CALCULATION

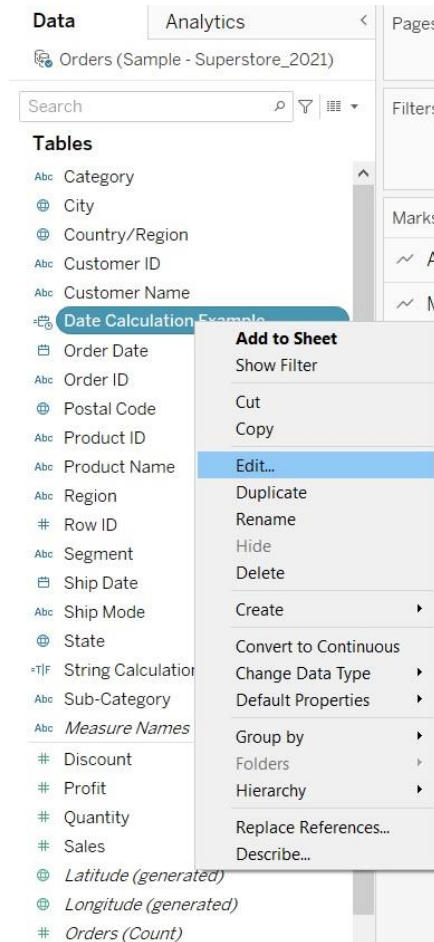
**Step 1:** Check the existing Date Calculated Field

It adds 2 months to the **Order Date** as confirmed by Marker



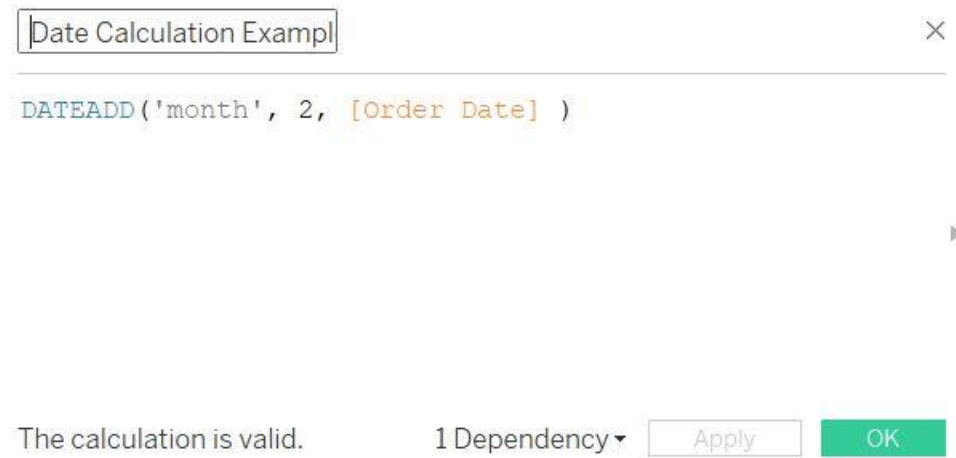
# STEPS TO MANIPULATE A DATE CALCULATION

## Step 2: Right-click on the Date Calculated Field, Edit



# STEPS TO MANIPULATE A DATE CALCULATION

**Step 3:** The calculation dialog box appears





# STEPS TO MANIPULATE A DATE CALCULATION

**Step 4:** Make the required change e.g.: Change the **interval** to **6**  
Ensure that a **“The calculation is valid”** message is present  
Click **OK**

Date Calculation Examp

×

DATEADD('month', 6, [Order Date] )

▶

The calculation is valid.

1 Dependency ▾

Apply

OK

# STEPS TO MANIPULATE A DATE CALCULATION

**Step 5:** Check if the Date Calculated Field is working as expected

It now adds **6 months** (2 Quarters) to the **Order Date** as confirmed by Marker

