

1) ENDSWITH([Sub-Category],'S')

It shows true for Category which is ends with s

The screenshot shows the Tableau desktop interface with a calculated field dialog open. The calculated field is named "ENDS WITH" and contains the formula `ENDSWITH([Sub-Category], 'S')`. The dialog also displays a note: "The calculation is valid." and a dependency count of "1 Dependency". Buttons for "Apply" and "OK" are visible.

Sub-Catego...	ENDS WITH	
Accessories	True	Abc
Appliances	True	Abc
Art	False	Abc
Binders	True	Abc
Bookcases	True	Abc
Chairs	True	Abc
Copiers	True	Abc
Envelopes	True	Abc
Fasteners	True	Abc
Furnishings	True	Abc
Labels	True	Abc
Machines	True	Abc
Paper	False	Abc
Phones	True	Abc
Storage	False	Abc
Supplies	True	Abc
Tables	True	Abc

2) Find – its shows character position, it is case sensitive

`FIND([Sub-Category],'E')` right click attribute for single value.

Eg – Envelopes

For second E- `find([Sub-Category],'e',2)`

Occurance-which one

Ans – 4

The screenshot shows the Tableau Desktop interface. The top menu bar includes File, Data, Worksheet, Dashboard, Story, Analysis, Map, Format, Server, Window, and Help. A toolbar with various icons is at the top. The main area shows a table with columns: Sub-Catego..., FIND, and Abc. The table has 17 rows with data such as Accessories (4), Appliances (9), Art (0), Binders (5), Bookcases (8), Chairs (0), Copiers (5), Envelopes (1), Fasteners (5), Furnishings (0), Labels (4), Machines (7), Paper (4), Phones (5), Storage (7), Supplies (7), and Tables (5). To the left, a sidebar lists tables like Category, City, Country, Customer ID, Customer Name, ENDS WITH, New Date, Order Date, Order ID, Postal Code, Product ID, Region, Row ID, Segment, Ship Date, Ship Mode, State, Sub-Category, and Measure Names. A context menu is open over the ATTR(FIND) shelf item, with 'Attribute' selected. The bottom of the screen shows the Windows taskbar with various pinned apps and the system tray.

- 3)
- 4) Len(sub category)
- 5) Upper(sub category)
- 6) Ltrim(sub category)
- 7) Mid(sub category),2,2

Delimiter used to separate

- 8) SPLIT([Order ID],'-',2)

Tableau Public - Book2

File Data Worksheet Dashboard Story Analysis Map Format Server Window Help

Tableau Desktop Public Edition

Buy Tableau Show Me

Data Analytics < Pages jjj Columns Rows Order ID SPLIT

Search P Y

Tables

- Abc Category
- City
- Country
- Abc Customer ID
- Abc Customer Name
- #T# ENDS WITH
- #Abc LEFT
- New Date
- Order Date
- Abc Order ID
- Postal Code
- Product ID
- Region
- # Row ID
- Segment
- Ship Date
- Ship Mode
- #Abc SPLIT
- State
- Sub-Category
- Abc Measure Names
- # Discount
- # FIND
- # Profit
- # Quantity
- # Sales
- # Data (Count)
- # Latitude (generated)
- # Longitude (generated)
- # Measure Values

Marks

Automatic

Color Size Text Detail Tooltip

Sheet 3

Order ID SPLIT

Order ID	SPLIT
CA-2014-100006	2014
CA-2014-100090	2014
CA-2014-100293	2014
CA-2014-100328	2014
CA-2014-100363	2014
CA-2014-100391	2014
CA-2014-100678	2014
CA-2014-100706	2014
CA-2014-100762	2014
CA-2014-100860	2014
CA-2014-100867	2014
CA-2014-100881	2014
CA-2014-100895	2014
CA-2014-100916	2014
CA-2014-100972	2014
CA-2014-101147	2014
CA-2014-101175	2014
CA-2014-101264	2014
CA-2014-101364	2014
CA-2014-101394	2014
CA-2014-101427	2014
CA-2014-101462	2014
CA-2014-101474	2014
CA-2014-101560	2014
CA-2014-101602	2014
CA-2014-101770	2014
CA-2014-101833	2014
CA-2014-101931	2014
CA-2014-102004	2014
CA-2014-102085	2014
CA-2014-102274	2014
CA-2014-102295	2014
CA-2014-102330	2014

The calculation is valid. 1 Dependency Apply OK

Data Source Sheet 1 Sheet 2 Sheet 3

5009 marks 5009 rows by 1 column

Type here to search

Windows Taskbar: File Explorer, Edge, Word, Excel, Power BI, Firefox, Google Chrome, Cloudflare, Weather (28°C), Date (01/Jul/2025), Time (08:49 AM)

DATE FUNCTION

1) DATE ADD

DATEADD("day",10,[Order Date])

2) DATE

DATE(#21-2-2025 15:30#)

Tableau Public - datefunction

File Data Worksheet Dashboard Story Analysis Map Format Server Window Help

Tableau Desktop Public Edition

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Data Analytics < Pages Columns Rows Order Date date add

Tables

- Category
- City
- Country
- Customer ID
- Customer Name
- date**
- date add
- DATE NAME
- datepart
- datetrunc
- isdate
- Order Date
- Order ID
- Postal Code
- Product ID
- Product Name
- Region
- Row ID
- Segment
- Ship Date
- Ship Mode
- State
- Sub-Category
- Measure Names
- datedif
- Discount
- Profit
- Quantity
- Sales
- Latitude (generated)
- Longitude (generated)
- Orders (Count)
- Measure Values

Marks

Automatic

Color Size Text Detail Tooltip

Sheet 1

Order Date	date add	
03/Jan/2014	13/Jan/2014 00:00:00	Friday, 21 February, 2025
04/Jan/2014	14/Jan/2014 00:00:00	Friday, 21 February, 2025
05/Jan/2014	15/Jan/2014 00:00:00	Friday, 21 February, 2025
06/Jan/2014	16/Jan/2014 00:00:00	Friday, 21 February, 2025
07/Jan/2014	17/Jan/2014 00:00:00	Friday, 21 February, 2025
09/Jan/2014	19/Jan/2014 00:00:00	Friday, 21 February, 2025
10/Jan/2014	20/Jan/2014 00:00:00	Friday, 21 February, 2025
11/Jan/2014	21/Jan/2014 00:00:00	Friday, 21 February, 2025
13/Jan/2014	23/Jan/2014 00:00:00	Friday, 21 February, 2025
14/Jan/2014	24/Jan/2014 00:00:00	Friday, 21 February, 2025
15/Jan/2014	25/Jan/2014 00:00:00	Friday, 21 February, 2025
16/Jan/2014	26/Jan/2014 00:00:00	Friday, 21 February, 2025
18/Jan/2014	28/Jan/2014 00:00:00	Friday, 21 February, 2025
19/Jan/2014	29/Jan/2014 00:00:00	Friday, 21 February, 2025
20/Jan/2014	30/Jan/2014 00:00:00	Friday, 21 February, 2025
21/Jan/2014	31/Jan/2014 00:00:00	Friday, 21 February, 2025
23/Jan/2014	02/Feb/2014 00:00:00	Friday, 21 February, 2025
26/Jan/2014	05/Feb/2014 00:00:00	Friday, 21 February, 2025
27/Jan/2014	06/Feb/2014 00:00:00	Friday, 21 February, 2025
28/Jan/2014	07/Feb/2014 00:00:00	Friday, 21 February, 2025
30/Jan/2014	09/Feb/2014 00:00:00	Friday, 21 February, 2025
31/Jan/2014	10/Feb/2014 00:00:00	Friday, 21 February, 2025
01/Feb/2014	11/Feb/2014 00:00:00	Friday, 21 February, 2025
02/Feb/2014	12/Feb/2014 00:00:00	Friday, 21 February, 2025
03/Feb/2014	13/Feb/2014 00:00:00	Friday, 21 February, 2025
04/Feb/2014	14/Feb/2014 00:00:00	Friday, 21 February, 2025
06/Feb/2014	16/Feb/2014 00:00:00	Friday, 21 February, 2025
07/Feb/2014	17/Feb/2014 00:00:00	Friday, 21 February, 2025
08/Feb/2014	18/Feb/2014 00:00:00	Friday, 21 February, 2025
11/Feb/2014	21/Feb/2014 00:00:00	Friday, 21 February, 2025
12/Feb/2014	22/Feb/2014 00:00:00	Friday, 21 February, 2025
14/Feb/2014	24/Feb/2014 00:00:00	Friday, 21 February, 2025
15/Feb/2014	25/Feb/2014 00:00:00	Friday, 21 February, 2025

Data Source Sheet 1 Sheet 2 Sheet 3 Sheet 4 Sheet 5 Sheet 6

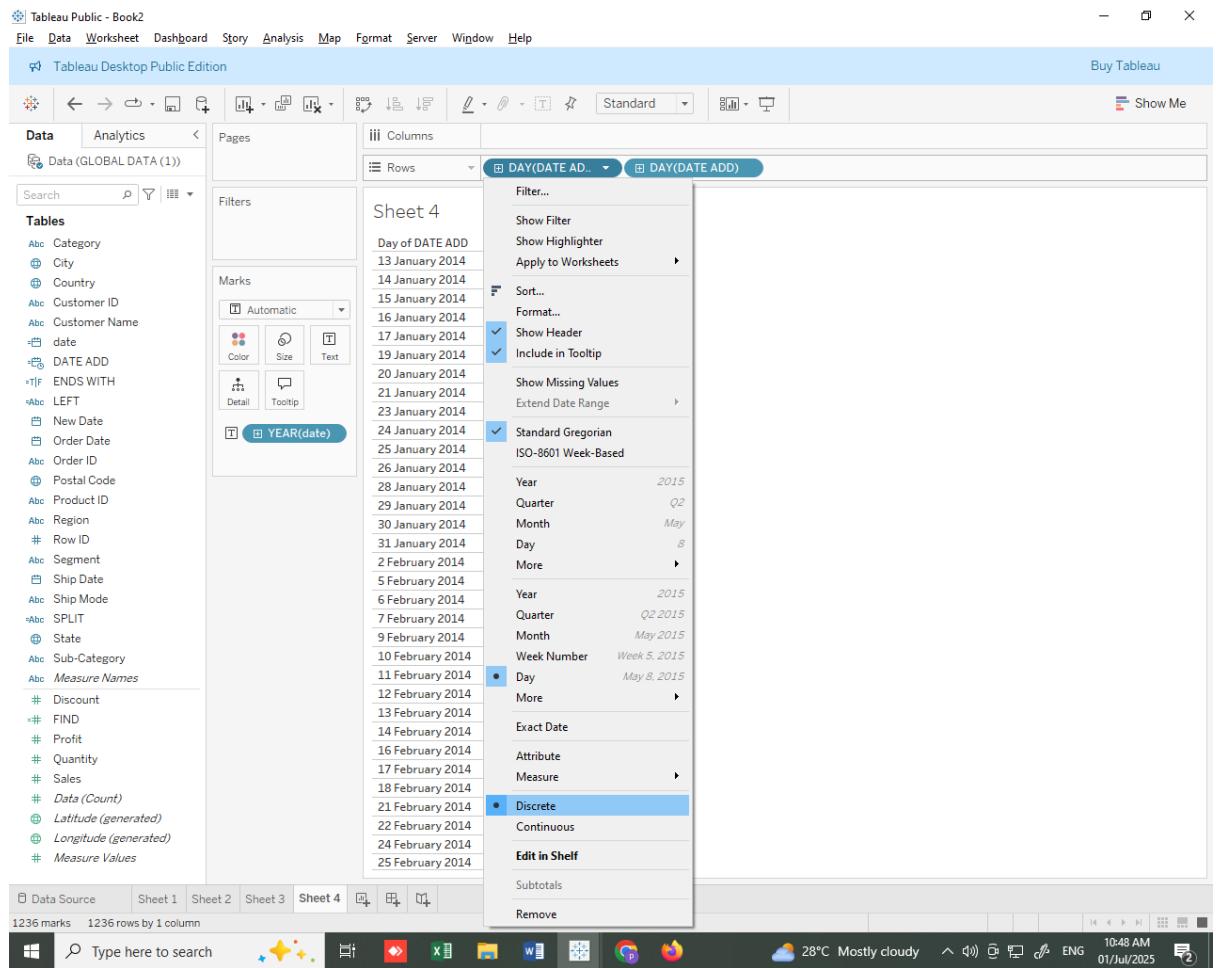
1237 marks 1237 rows by 1 column

Type here to search

Windows Start Taskbar Icons

Navigation: Home Back Forward Stop Refresh

Language: ENG Date: 01/Jul/2025 Time: 07:44 AM



3) datedif

DATEDIFF("day",[Order Date],[Ship Date])

The screenshot shows a Tableau desktop interface. The main area displays a data view titled "Sheet 2". The data table has five columns: Order ID, datedif, Order Date, Ship Date, and a category column. The "datedif" column is highlighted with a green background. The Marks shelf on the right side of the interface shows settings for Color, Size, and Text. The bottom of the screen features a taskbar with various icons and system status information, including weather (27°C Mostly cloudy), date (01/Jul/2025), and time (07:47 AM).

4) DATE NAME

DATENAME("month",[Order Date])

Tableau Public - datefunction

File Data Worksheet Dashboard Story Analysis Map Format Server Window Help

Tableau Desktop Public Edition

Buy Tableau Show Me

Data Analytics < Pages jjj Columns Rows Order Date DATE NAME

Search

Tables

- City
- Country
- Customer ID
- Customer Name
- date
- date add
- DATE NAME**
- datepart
- datetrunc
- !#F Idate
- Order Date
- Order ID
- Postal Code
- Product ID
- Product Name
- Region
- # Row ID
- Segment
- Ship Date
- Ship Mode
- State
- Sub-Category
- Measure Names
- !# datedif
- # Discount
- # Profit
- # Quantity
- # Sales
- Latitude (generated)
- Longitude (generated)
- # Orders (Count)
- # Measure Values

Marks

Automatic

Color Size Text Detail Tooltip

Sheet 3

Order Date	DATE NAME	Abc
03/Jan/2014	January	Abc
04/Jan/2014	January	Abc
05/Jan/2014	January	Abc
06/Jan/2014	January	Abc
07/Jan/2014	January	Abc
09/Jan/2014	January	Abc
10/Jan/2014	January	Abc
11/Jan/2014	January	Abc
13/Jan/2014	January	Abc
14/Jan/2014	January	Abc
15/Jan/2014	January	Abc
16/Jan/2014	January	Abc
18/Jan/2014	January	Abc
19/Jan/2014	January	Abc
20/Jan/2014	January	Abc
21/Jan/2014	January	Abc
23/Jan/2014	January	Abc
26/Jan/2014	January	Abc
27/Jan/2014	January	Abc
28/Jan/2014	January	Abc
30/Jan/2014	January	Abc
31/Jan/2014	January	Abc
01/Feb/2014	February	Abc
02/Feb/2014	February	Abc
03/Feb/2014	February	Abc
04/Feb/2014	February	Abc
06/Feb/2014	February	Abc
07/Feb/2014	February	Abc
08/Feb/2014	February	Abc
11/Feb/2014	February	Abc
12/Feb/2014	February	Abc
14/Feb/2014	February	Abc
15/Feb/2014	February	Abc

Data Source Sheet 1 Sheet 2 Sheet 3 Sheet 4 Sheet 5 Sheet 6

1237 marks 1237 rows by 1 column

Type here to search

Windows Taskbar: File Explorer, Edge, Google Chrome, File Manager, Word, Power BI, Weather (28°C), Clock (07:48 AM), Date (01/Jul/2025)

5) DATEPART

DATEPART("year", [Order Date])

Tableau Public - date function

File Data Worksheet Dashboard Story Analysis Map Format Server Window Help

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Tableau Desktop Public Edition

Data Analytics < Pages Columns Rows ATTR(datepart) Order Date

Orders (Sample - Supers... Search

Tables

- City
- Country
- Customer ID
- Customer Name
- Date
- Date add
- DATE NAME
- # datepart
- datetrunc
- ! isdate
- Order Date
- Order ID
- Postal Code
- Product ID
- Product Name
- Region
- # Row ID
- Segment
- Ship Date
- Ship Mode
- State
- Sub-Category
- Measure Names
- # datedif
- # Discount
- # Profit
- # Quantity
- # Sales
- Latitude (generated)
- Longitude (generated)
- # Orders (Count)
- # Measure Values

Marks Automatic Color Size Text Detail Tooltip datepart

Sheet 4

datepart	Order Date	Year
2014	03/Jan/2014	2014
	04/Jan/2014	2014
	05/Jan/2014	2014
	06/Jan/2014	2014
	07/Jan/2014	2014
	09/Jan/2014	2014
	10/Jan/2014	2014
	11/Jan/2014	2014
	13/Jan/2014	2014
	14/Jan/2014	2014
	15/Jan/2014	2014
	16/Jan/2014	2014
	18/Jan/2014	2014
	19/Jan/2014	2014
	20/Jan/2014	2014
	21/Jan/2014	2014
	23/Jan/2014	2014
	26/Jan/2014	2014
	27/Jan/2014	2014
	28/Jan/2014	2014
	30/Jan/2014	2014
	31/Jan/2014	2014
	01/Feb/2014	2014
	02/Feb/2014	2014
	03/Feb/2014	2014
	04/Feb/2014	2014
	06/Feb/2014	2014
	07/Feb/2014	2014
	08/Feb/2014	2014
	11/Feb/2014	2014
	12/Feb/2014	2014
	14/Feb/2014	2014
	15/Feb/2014	2014

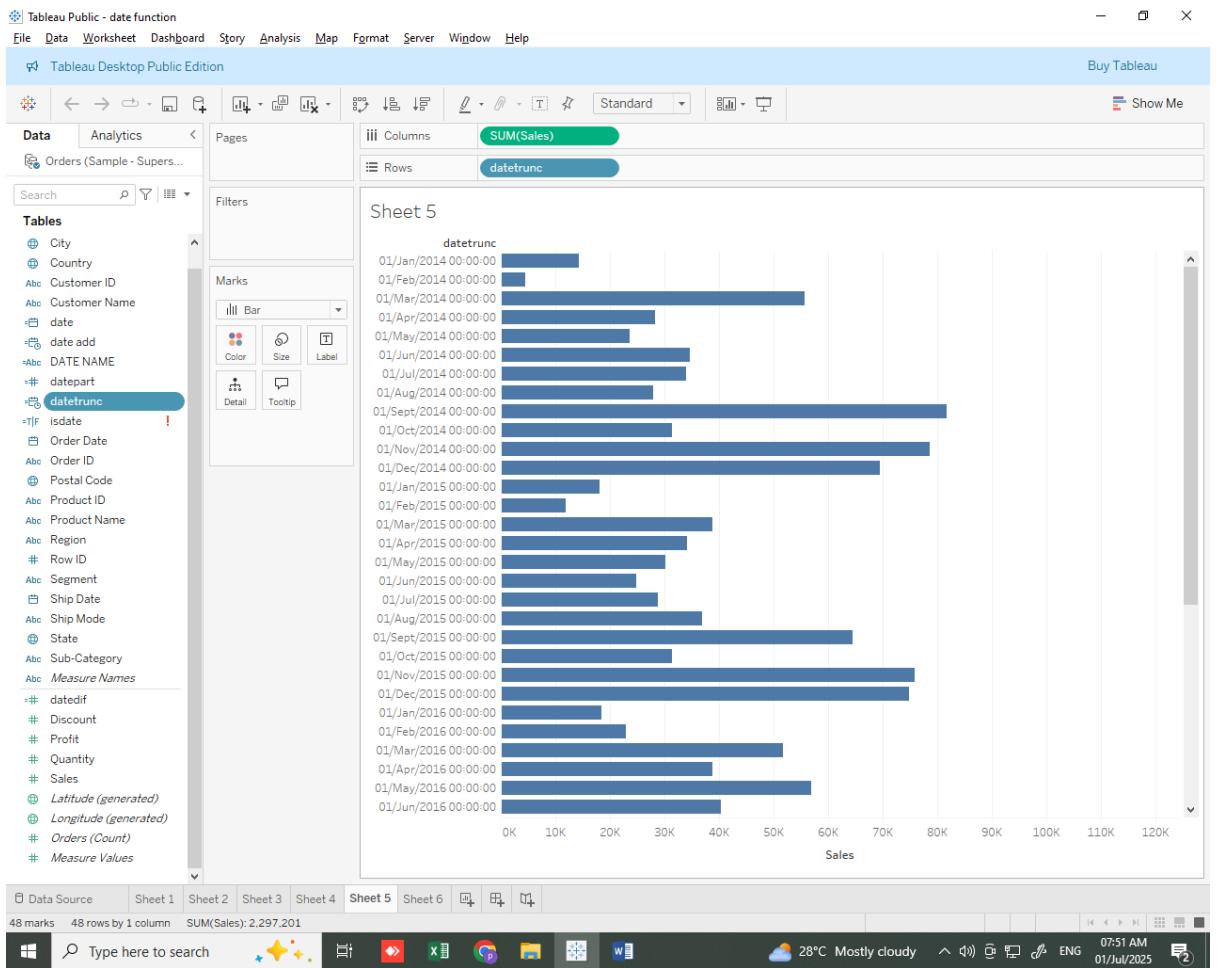
Data Source Sheet 1 Sheet 2 Sheet 3 Sheet 4 Sheet 5 Sheet 6

1237 marks 1237 rows by 1 column SUM of ATTR(datepart): 2,493.214

28°C Mostly cloudy ENG 07:49 AM 01/Jul/2025

6) DATETRUNC

DATETRUNC("month",[Order Date])



7) IS DATE
ISDATE([Order Date])

RIGHT CLICK ON ORDER DATE -CHANGE DATA TYPE TO STRING

Tableau Public - Book2

File Data Worksheet Dashboard Story Analysis Map Format Server Window Help

Tableau Desktop Public Edition

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Data Analytics < Pages Columns Rows Order Date IS DATE

Search Data (GLOBAL DATA (1))

Tables

- date
- DATE ADD
- datename
- ENDS WITH
- IS DATE
- LEFT
- New Date
- Order Date**
- Order ID
- Postal Code
- Product ID
- Region
- Row ID
- Segment
- Ship Date
- Ship Mode
- SPLIT
- State
- Sub-Category
- Measure Names
- DATEDIFF
- Discount
- FIND
- KPI INDICATOR
- Profit
- PROFIT RATIO
- Quantity
- Sales
- Data (Count)
- Latitude (generated)
- Longitude (generated)
- Measure Values

Marks

Automatic

Color Size Text

Add to Sheet Show Filter Duplicate Rename Hide Aliases... Create Transform Convert to Measure Change Data Type Default Properties Geographic Role Image Role Group by Folders Hierarchy Replace References... Describe...

Number (decimal)

Number (whole)

Date & Time

Date

String

Default

Order Date	IS DATE	
2014-01-03	True	Abc
2014-01-04	True	Abc
2014-01-05	True	Abc
2014-01-06	True	Abc
2014-01-07	True	Abc
2014-01-09	True	Abc
2014-01-10	True	Abc
2014-01-11	True	Abc
2014-01-13	True	Abc
2014-01-14	True	Abc
2014-01-15	True	Abc
2014-01-16	True	Abc
2014-01-18	True	Abc
2014-01-19	True	Abc
2014-01-20	True	Abc
2014-01-21	True	Abc
2014-01-23	True	Abc
2014-01-26	True	Abc
2014-02-04	True	Abc
2014-02-06	True	Abc
2014-02-07	True	Abc
2014-02-08	True	Abc
2014-02-11	True	Abc
2014-02-12	True	Abc
2014-02-14	True	Abc
2014-02-15	True	Abc

Data Source Sheet 1 Sheet 2 Sheet 3 Sheet 4 Sheet 5 Sheet 6 Sheet 7 Sheet 8

1236 marks 1236 rows by 1 column

Type here to search

Cloud 29°C Mostly cloudy 2025-07-01 02:59 PM

The screenshot shows a Tableau desktop interface with the following details:

- Top Bar:** File, Data, Worksheet, Dashboard, Story, Analysis, Map, Format, Server, Window, Help.
- Header:** Tableau Desktop Public Edition, Buy Tableau, Show Me.
- Left Panel (Tables):**
 - date
 - DATE ADD
 - datename
 - ENDS WITH
 - IS DATE
 - LEFT
 - New Date
 - Order Date** (selected)
 - Order ID
 - Postal Code
 - Product ID
 - Region
 - Row ID
 - Segment
 - Ship Date
 - Ship Mode
 - SPLIT
 - State
 - Sub-Category
 - Measure Names
 - DATEDIFF
 - Discount
 - FIND
 - KPI INDICATOR
 - Profit
 - PROFIT RATIO
 - Quantity
 - Sales
 - Data (Count)
 - Latitude (generated)
 - Longitude (generated)
 - Measure Values
- Middle Panel (Marks):** Marks dropdown set to Automatic, with options for Color, Size, Text, Detail, and Tooltip.
- Right Panel (Sheet 7):** A data table with columns Order Date and IS DATE. The data shows rows from 2014-01-03 to 2014-02-15, all marked as True and Abc.
- Bottom Panel:** Data Source, Sheet 1 through Sheet 8, and a search bar.
- System Tray:** Weather (29°C, Mostly cloudy), battery level, network, and system status.

IF Calculations

```
IF SUM([Sales])>50000 THEN 'HIGH' ELSE 'LOW'
```

```
END
```

```
Colom – sale
```

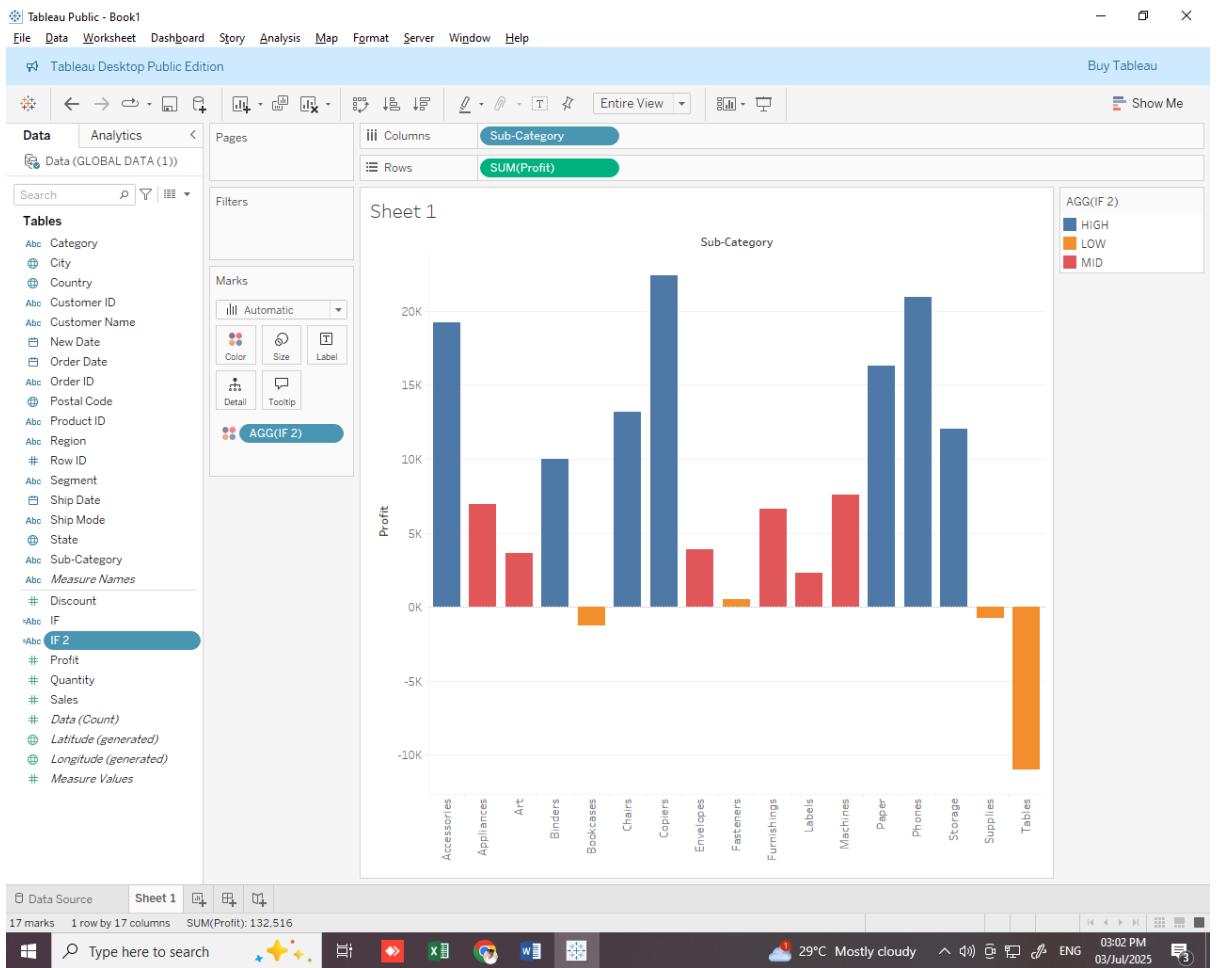
```
Row – sub category
```

```
IF SUM([Profit])<1000 THEN "LOW"
```

```
ELSEIF SUM([Profit])>1000 AND SUM([Profit])<10000 THEN "MID"
```

```
ELSEIF SUM([Profit])>10000 THEN "HIGH"
```

```
END
```



Positive

Profit

If sum ([Profit])>0 then 'Profit' else 'Loss' end

Profit in colors or labels

Labels show mark labels

Row-sub category

Colom-sum profit

Case

CASE [Region] WHEN 'South' then 'S' when 'West' then 'W' when 'Central' then 'C' when 'East' then 'E'

END

Region in row

Case in labels

Tableau Public - Book1

File Data Worksheet Dashboard Story Analysis Map Format Server Window Help

Tableau Desktop Public Edition

Buy Tableau Show Me

Data Analytics < Pages Columns Rows Standard

Tables Data (GLOBAL DATA (1))

Search

Tables

abc CASE

abc Category

abc City

abc Country

abc Customer ID

abc Customer Name

abc New Date

abc Order Date

abc Order ID

abc Postal Code

abc Product ID

abc Region

Row ID

abc Segment

abc Ship Date

abc Ship Mode

abc State

abc Sub-Category

abc Measure Names

Discount

IF

IF 2

Profit

Quantity

Sales

Data (Count)

Latitude (generated)

Longitude (generated)

Measure Values

Filters

Marks Automatic

Color Size Text Detail Tooltip

CASE

Sheet 2

Region

Central	C
East	E
South	S
West	W

Data Source Sheet 1 Sheet 2

Type here to search

29°C Mostly cloudy 03:09 PM 03/Jul/2025

Detailed description: This screenshot shows the Tableau Desktop application interface. The main workspace is divided into two sections: 'Sheet 1' on the left and 'Sheet 2' on the right. In Sheet 1, there's a sidebar with a tree view of data sources and a 'Filters' section. In Sheet 2, there's a table titled 'Region' with four rows: Central (C), East (E), South (S), and West (W). The top of the screen has a menu bar with options like File, Data, Worksheet, Dashboard, Story, Analysis, Map, Format, Server, Window, and Help. A toolbar with various icons is at the top, and a status bar at the bottom shows system information like weather, time, and date.