DATA VISLUALIZATION EXPERIMENTS

6 b) Create basic charts (line, bar charts, tree maps) using the Show Me panel

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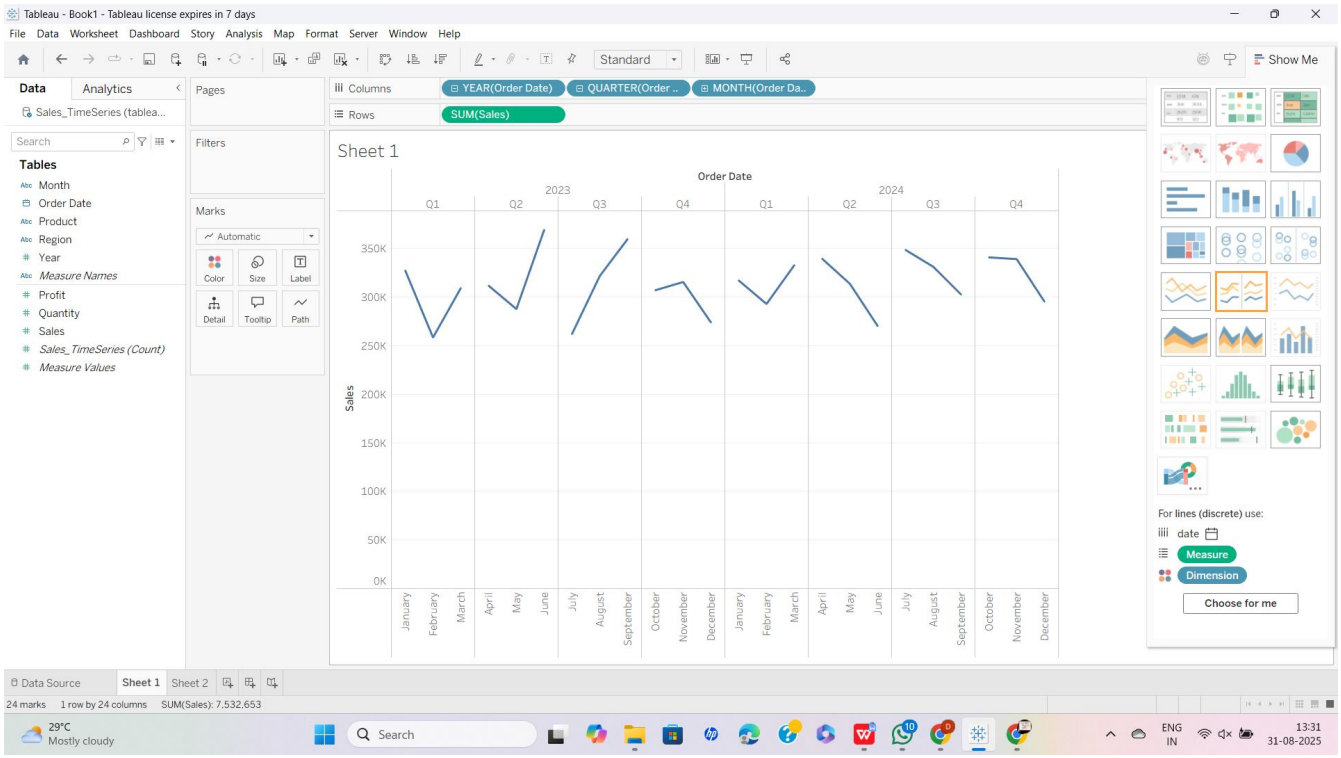
Line chart (quick, using Show Me):

On a new sheet select **Order Date** in Data pane (single click).

Hold Ctrl (Cmd on Mac) and click **Sales**. Both fields should be highlighted.

Open the **Show Me** panel (right-hand side).

Click the **Lines** icon (the line-chart icon). Tableau builds a line chart.



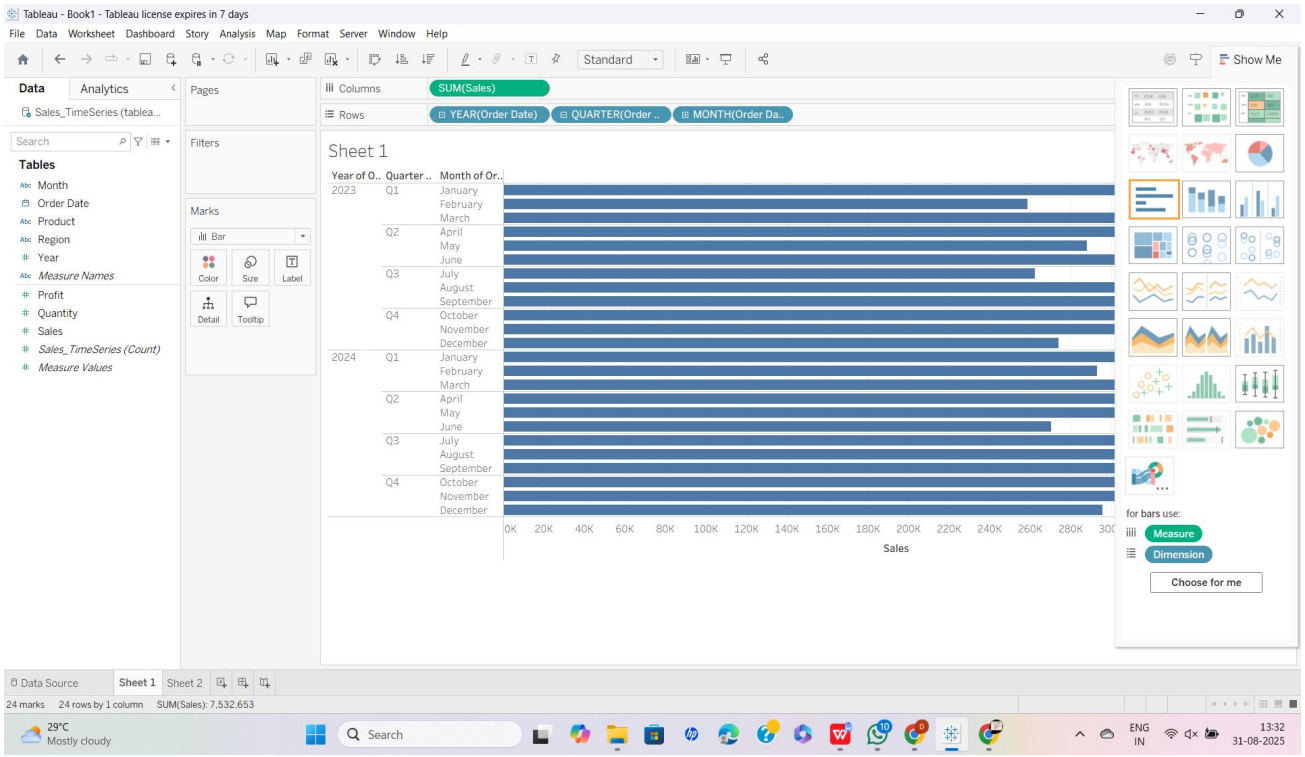
Bar chart (category comparison):

Open a new sheet.

Click **Region** (dimension) and **Sales** (measure) in the Data pane so they are both highlighted.

In **Show Me** click the **Horizontal Bars** icon.

Tableau will create SUM(Sales) per Region. If you want vertical bars, drag **Region** to Columns and **Sales** to Rows instead.



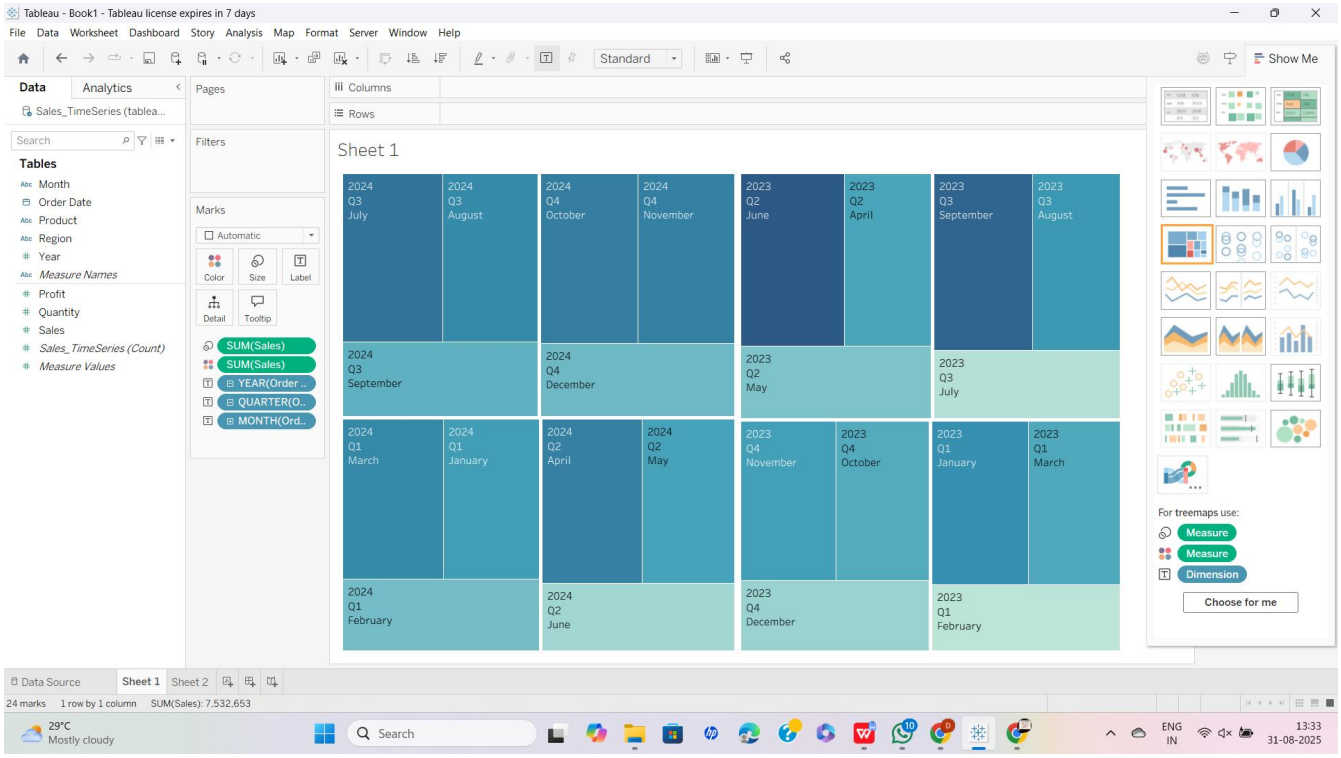
Tree map (using Show Me):

New sheet.

In Data pane click **Category** and **Subcategory** (if you want nesting) and **Sales**.

In **Show Me** click the **Tree Map** icon.

The tree map uses area to encode Sales; color will default to another measure — you can drag **Profit** to Color to color by profit.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Standard
Show Me
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Analytics
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Tables
Month
Order Date
Product
Region
Year
Measure Names
Profit
Quantity
Sales
Sales_TimeSeries (Count)
Measure Values
Pages
Filters
Marks
Automatic
Color
Size
Label
Detail
Tooltip
SUM(Sales)
SUM(Sales)
YEAR(Order ..
QUARTER(O..
MONTH(Ord..
Columns
Rows
Sheet 1
2024 Q3 July
2024 Q3 August
2024 Q4 October
2024 Q4 November
2023 Q2 June
2023 Q2 April
2023 Q3 September
2023 Q3 August
2024 Q3 September
2024 Q4 December
2023 Q2 May
2023 Q3 July
2024 Q1 March
2024 Q1 January
2024 Q2 April
2024 Q2 May
2023 Q4 November
2023 Q4 October
2023 Q1 January
2023 Q1 March
2024 Q1 February
2024 Q2 June
2023 Q4 December
2023 Q1 February
For treemaps use:
Measure
Measure
Dimension
Choose for me
Data Source
Sheet 1
Sheet 2
24 marks
1 row by 1 column
SUM(Sales): 7,532,653
29°C
Mostly cloudy
Search
ENG
IN
13:33
31-08-2025