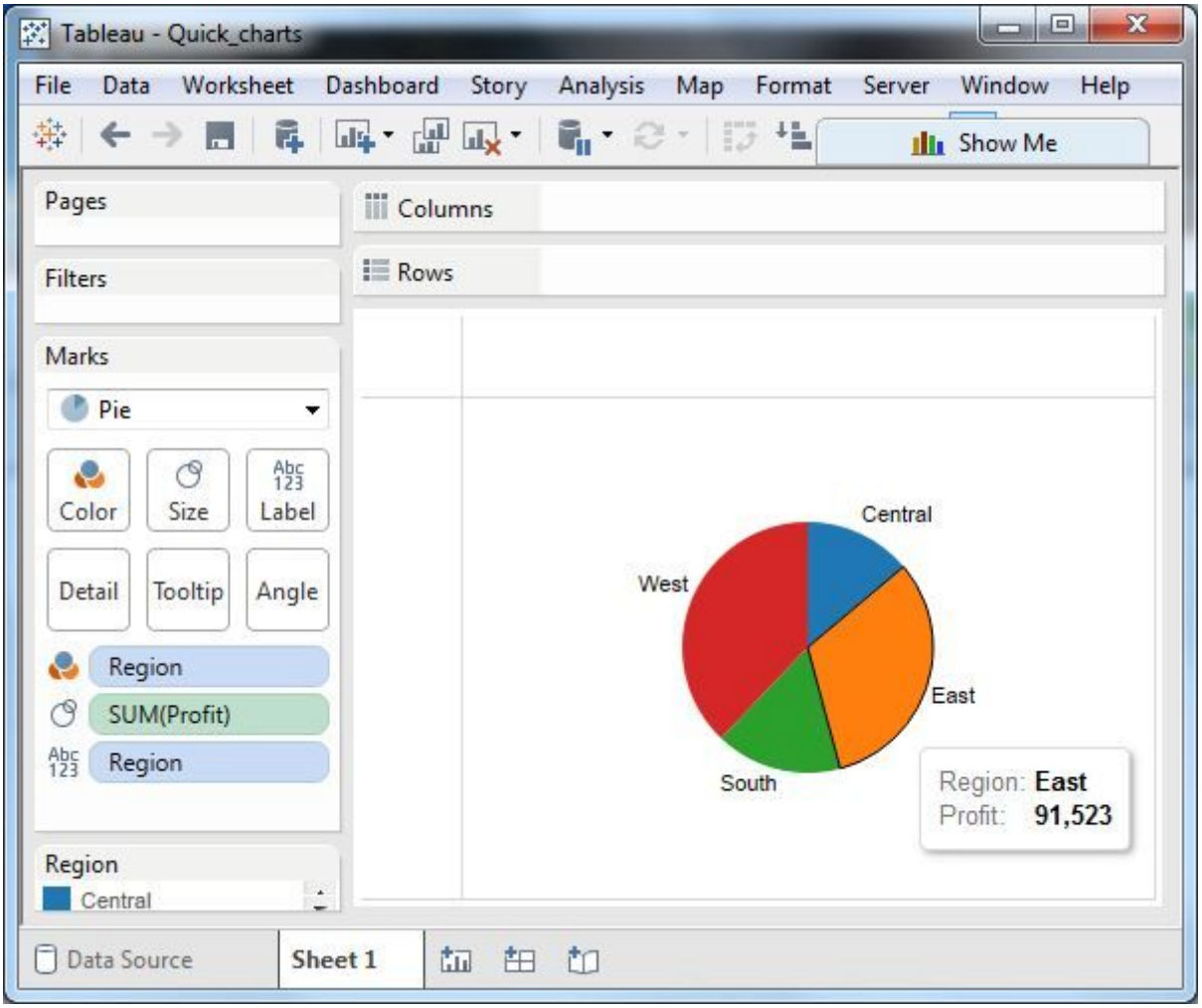
TABLEAU

Day 20

Pie chart

Glorify your data with Tableau pie!

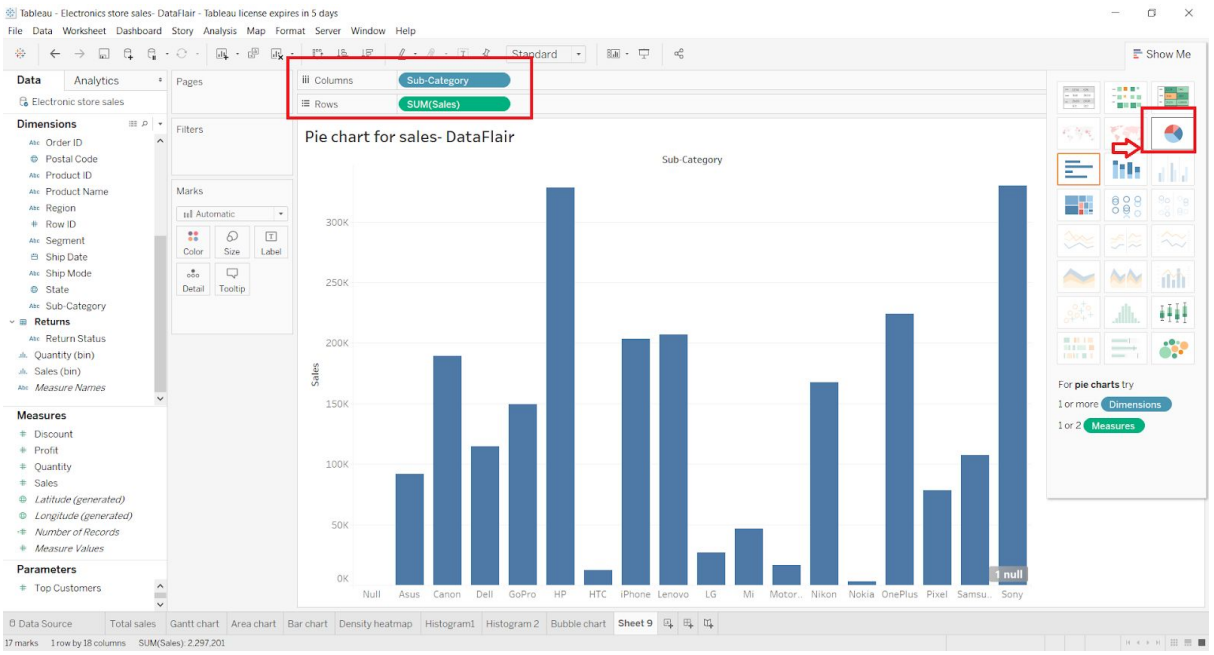
A pie chart is a circular chart that is divided into multiple sections and each of which represents a proportion of the whole. We can create Tableau pie charts to represent category wise, region wise, section wise performances. In this manner, you can analyze sales, profits and other statistical parameters using a pie chart. In Tableau, you can also apply filters on the pie chart to view only a section of the entire chart.



How to Make a Pie Chart in Tableau?

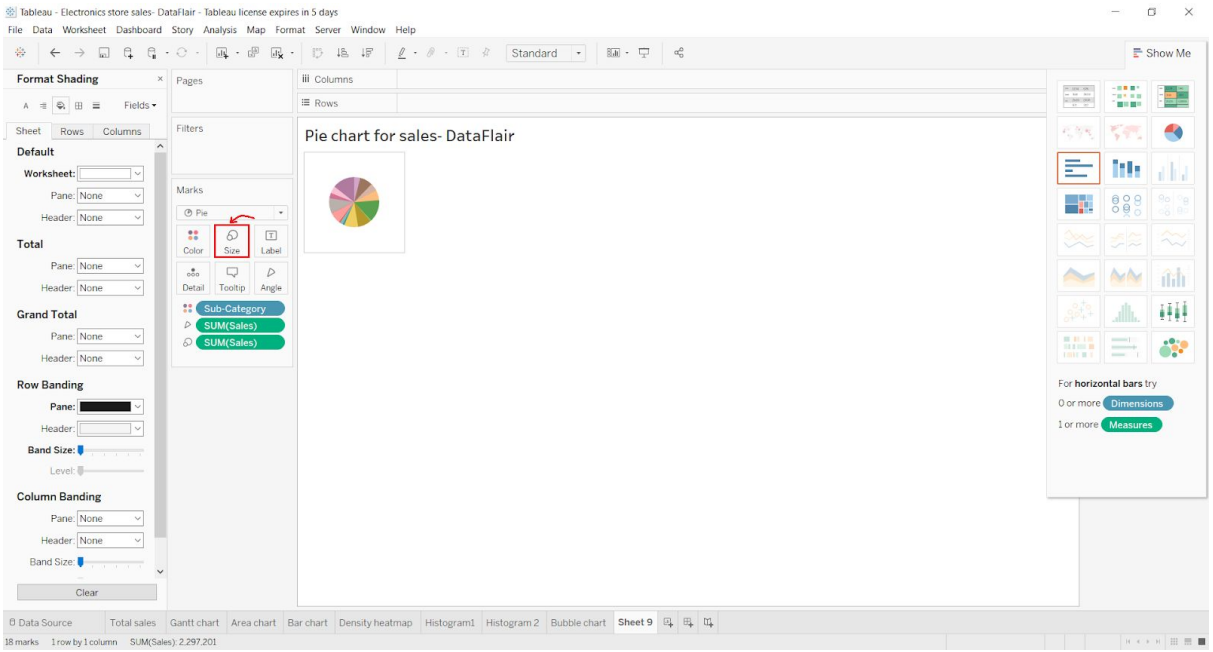
Step 1: Convert Simple Bar Chart into Pie Chart

Open a worksheet in Tableau and drag a dimension field and a measure field into Columns and Rows sections respectively. Initially, a simple bar chart appears. Change that into a pie chart by selecting the *Pie charts* option from the visualization pane. Click on Show Me option to access the visualization pane.



Step 2: Increase Size of the Tableau Pie Chart

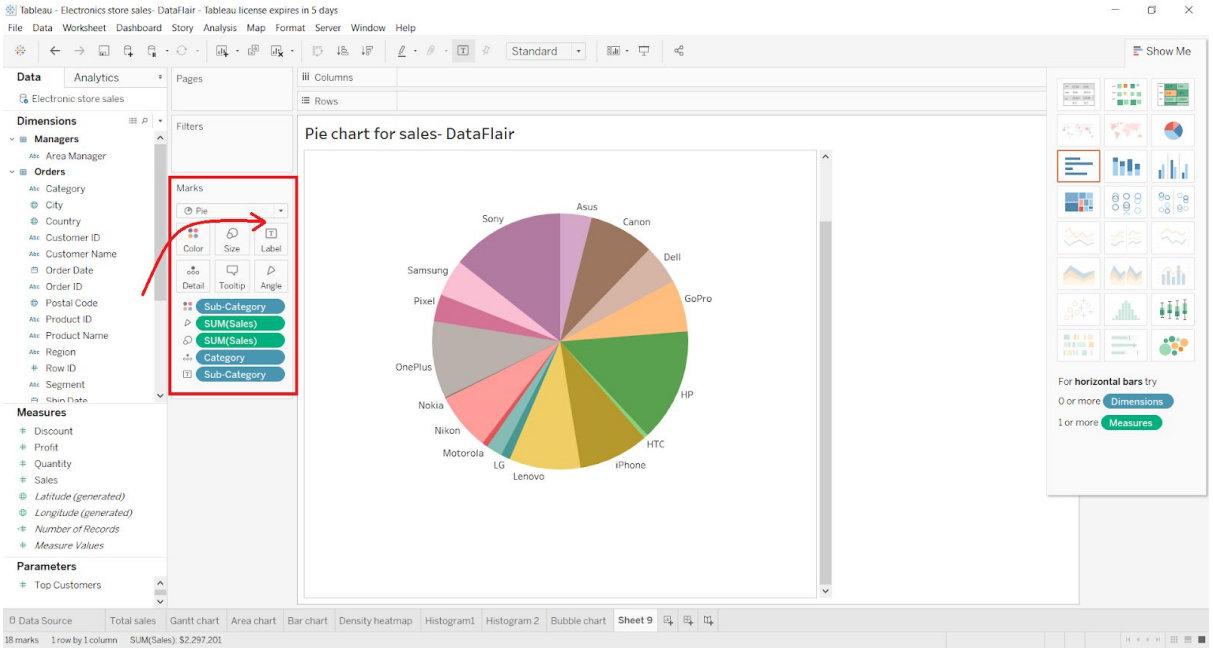
As you can see in the screenshot below, a small pie chart appears on the editing pane. You can increase the size of the pie chart by pressing and holding *Shift+Ctrl* and *B*. Click on B several times to keep on increasing the size until it gets to the size of your choice. You can also perform this operation from the Size option present in the Marks section.



Step 3: Drag and Drop Dimensions to Label Card

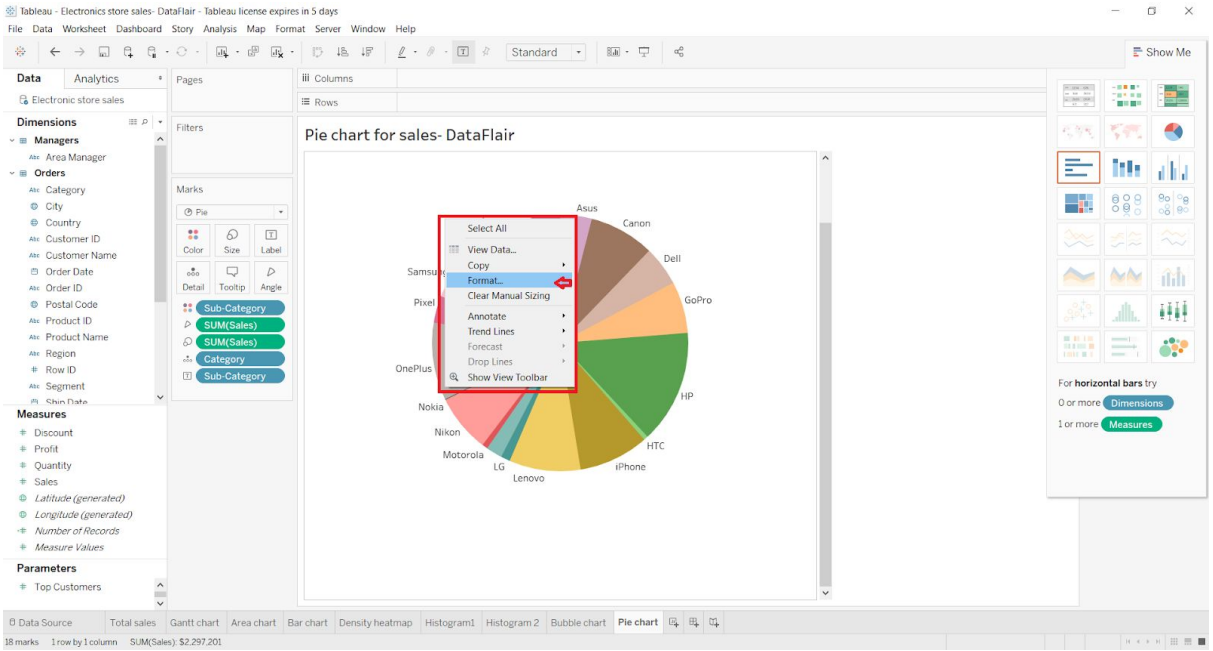
Now, you will have all the selected fields in the Marks section. You can drag and drop fields from dimensions or measures section to the Label card to add labels on the pie chart. As you can see in the screenshot below, we added a field named Sub-Category into the pie chart. This adds the names of all the brands or subcategory items on each segment of the pie.

You can similarly add details and colors for the pie chart.

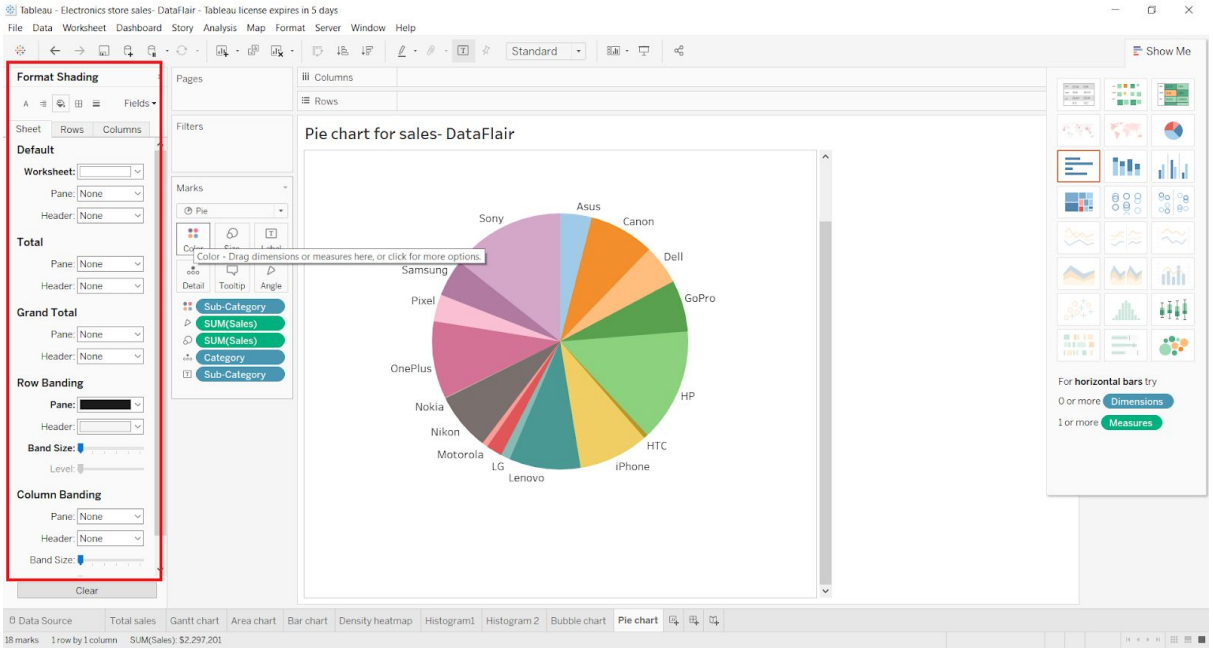


Step 4: Access Formatting Options

Tableau gives us a lot of formatting options for the pie chart as well. You can make a pie chart look just as you like from the *Format* option. To access the formatting options, right-click on the pie chart and select Format.. Option.

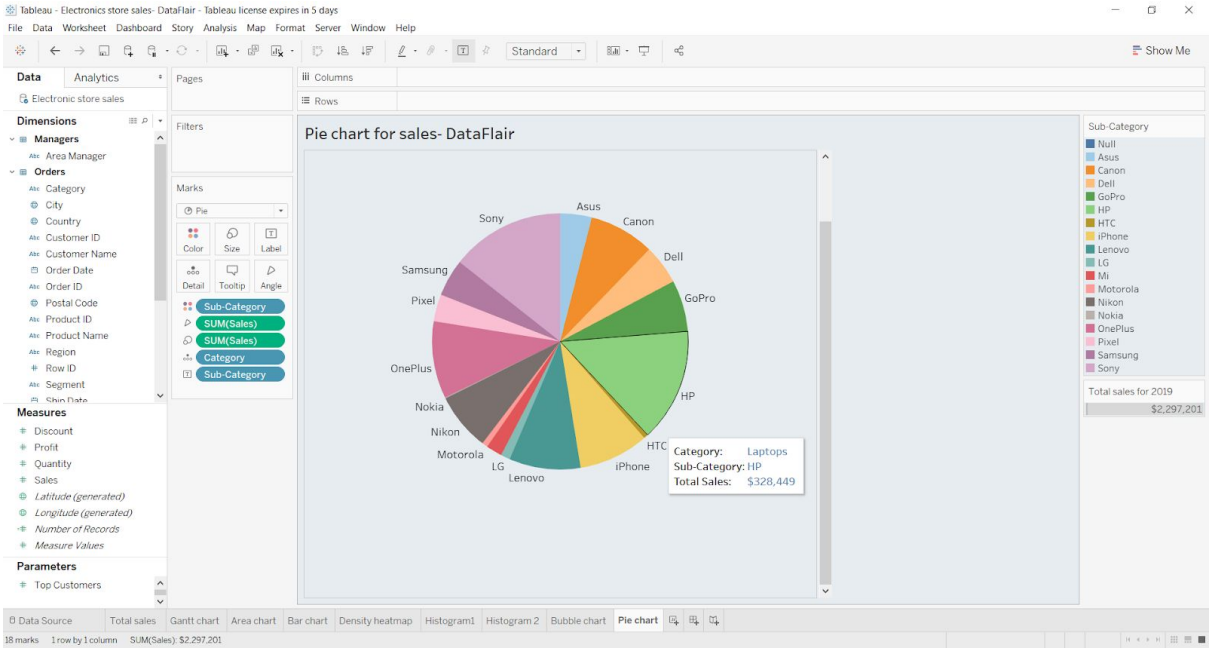


On the left, a Format pane will appear having numerous options for formatting the pie chart such as text editing, borders, background, shading, etc. Make changes as per your liking and have a pie chart of your choice.



Step 5: Check the Pie Chart Showing Total Sales

In this way, our pie chart representing the total sales of each subcategory or electronic brand is ready. You can hover your cursor over different colored sections of the pie and see details specific to it.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Order Date
Order ID
Postal Code
Product ID
Product Name
Region
Row ID
Segment
Measures
Discount
Profit
Quantity
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Latitude (generated)
Longitude (generated)
Number of Records
Measure Values
Parameters
Top Customers
Pages
Filters
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Tooltip
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Nokia
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Sub-Category: HP
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Dell
GoPro
HP
HTC
iPhone
Lenovo
LG
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Motorola
Nikon
Nokia
OnePlus
Pixel
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Area chart
Bar chart
Density heatmap
Histogram1
Histogram 2
Bubble chart
Pie chart
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SUM(Sales): $2,297,201