

TableauCheat Sheet

Importing Data



Click the **Text File** option and select the **CSV dataset** with the file browser.



To a file

Excel

Text File

Access

Statistical File

Other Files



Your data will be shown as a table:

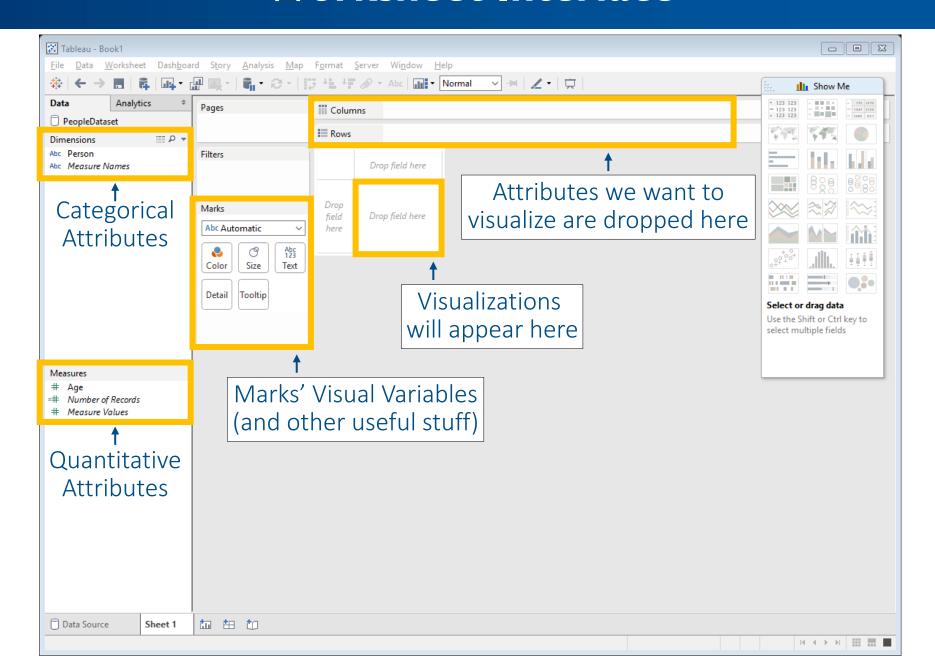
Abc PeopleDataset.csv Person	# PeopleData Age	
Emily	45	
John	31	
Charles	38	
Claire	51	
Samantha	65	



Go to your newly created Worksheet by clicking the orange *Sheet 1* tab.



Worksheet Interface



Columns and Rows Shelves

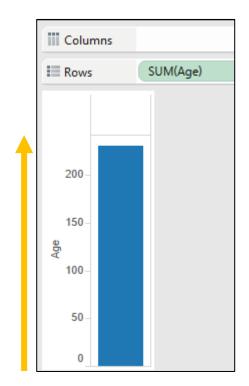
The **Columns** shelf creates the columns of a table, while the **Rows** shelf creates the rows of a table. You can place any number of fields on these shelves.

Person	Age	
Emily		45
John		31
Charles		38
Claire		51
Samantha		65

Dataset



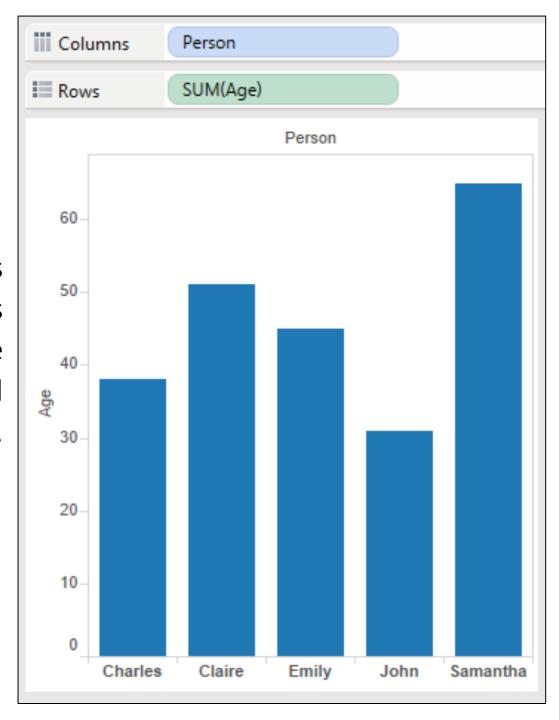
Placing a categorical attribute creates headers for the members of that category.



Placing quantitative data crates numeric axes

Example:

This view shows the members of the *Person* category as column headers, while the *Age* attribute is displayed as a vertical axis.

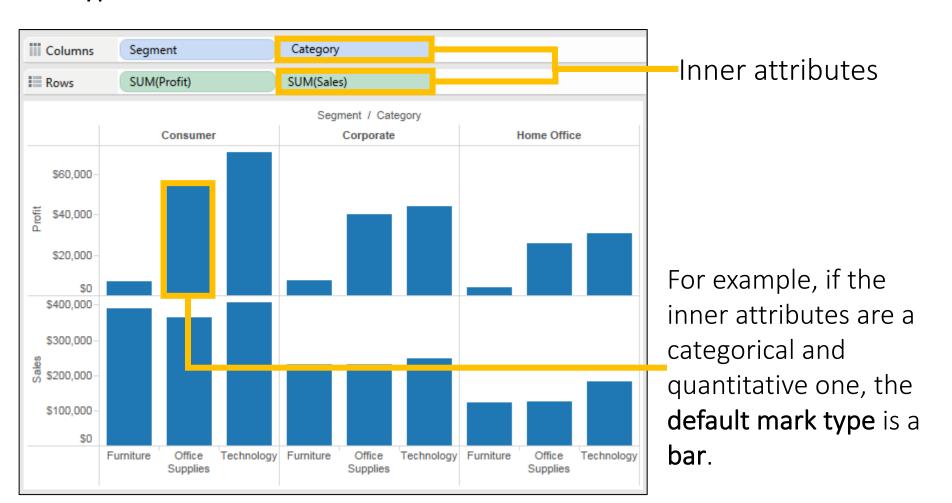


Adding more **attributes** to the *Rows* and *Columns* shelves adds more rows, columns, and panes to the table.

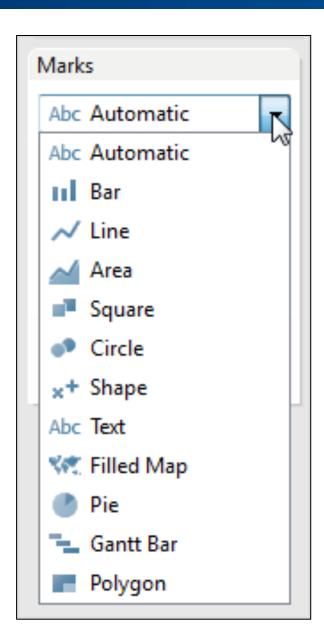


Marks

A mark is encodes the data point in the intersection of the dragged attributes. The inner attributes on the *Rows* and *Columns* shelves determine the **default** mark type.



Marks' Shape

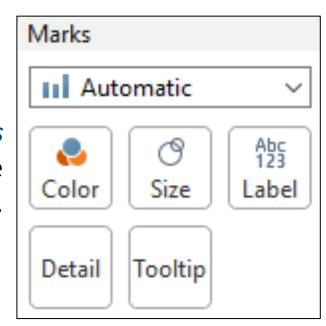


You can manually select a different mark type using the Marks card drop-down menu. This will set the mark's **shape property**.

Other Visual Properties

You can show additional information about the data using mark properties such as color, size, labels, etc.

Marks' properties are controlled by the *Marks* card. Here, you can drag attributes to the different visual properties.



Modifying the marks' shape

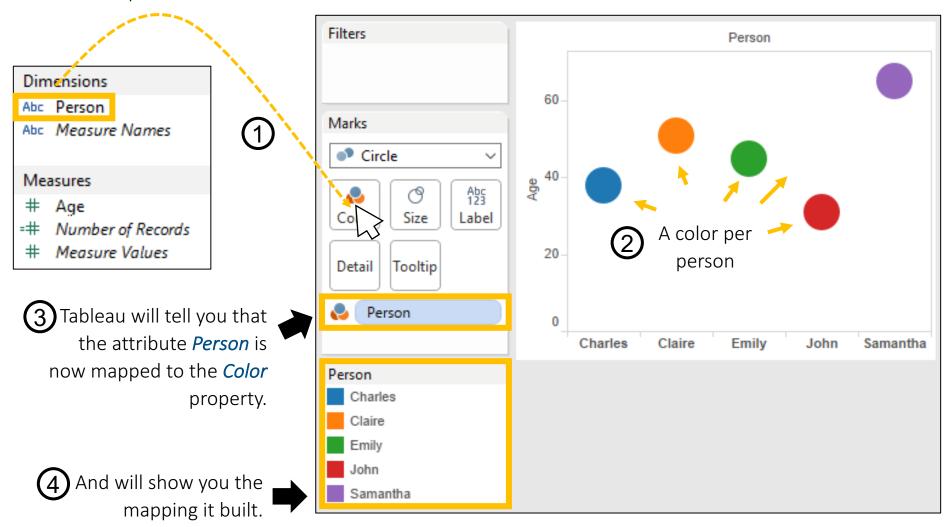
After changing the marks' type (shape) of our visualization, we end up with this:



Let's now play with other properties of this visualization's marks!

Coloring the marks

Dragging the *Person* attribute to the *Color* property will assign a different color for each person of the dataset.



Labelling the marks

Dragging the *Age* attribute to the *Label* property will label each mark of the visualization with the corresponding age.

Dimensions

Abc Person

Abc Measure Names

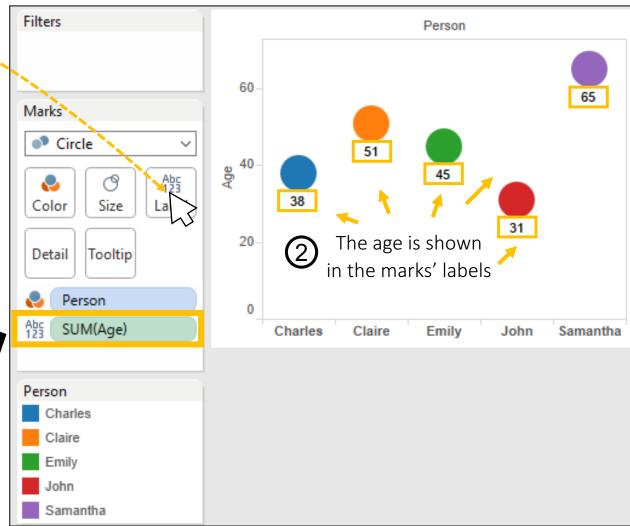
Measures

Age

=# Number of Records

Measure Values

Tableau will tell you that the attribute *Age* is now used to label the marks.



The Show me Panel



Provides suggestions to build visualizations based on the attributes you have already dropped.

Tableau automatically evaluates the selected attributes and suggests you several types of visualization that would be "appropriate" for those attributes.

Auto-generated Attributes

Sometimes, Tableau automatically creates attributes.

For example, when detecting geographic roles in your data (such as names of countries or cities), it associates each value in a field with a **latitude** and **longitude** values.

