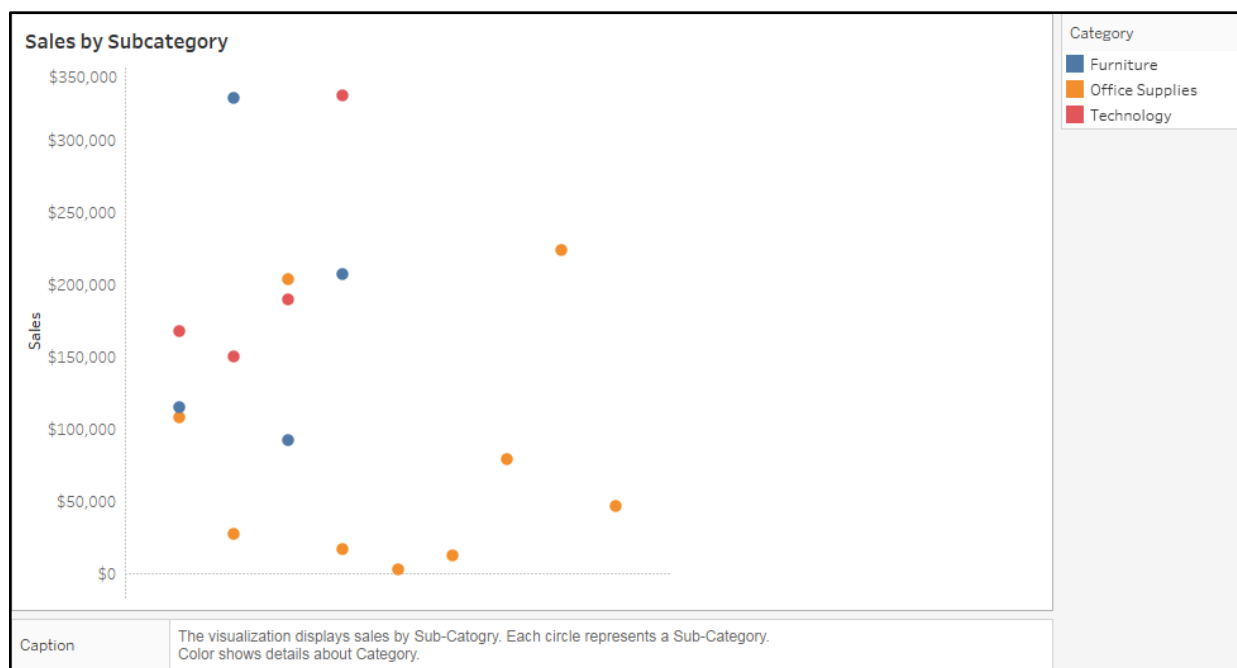




## JITTER PLOT

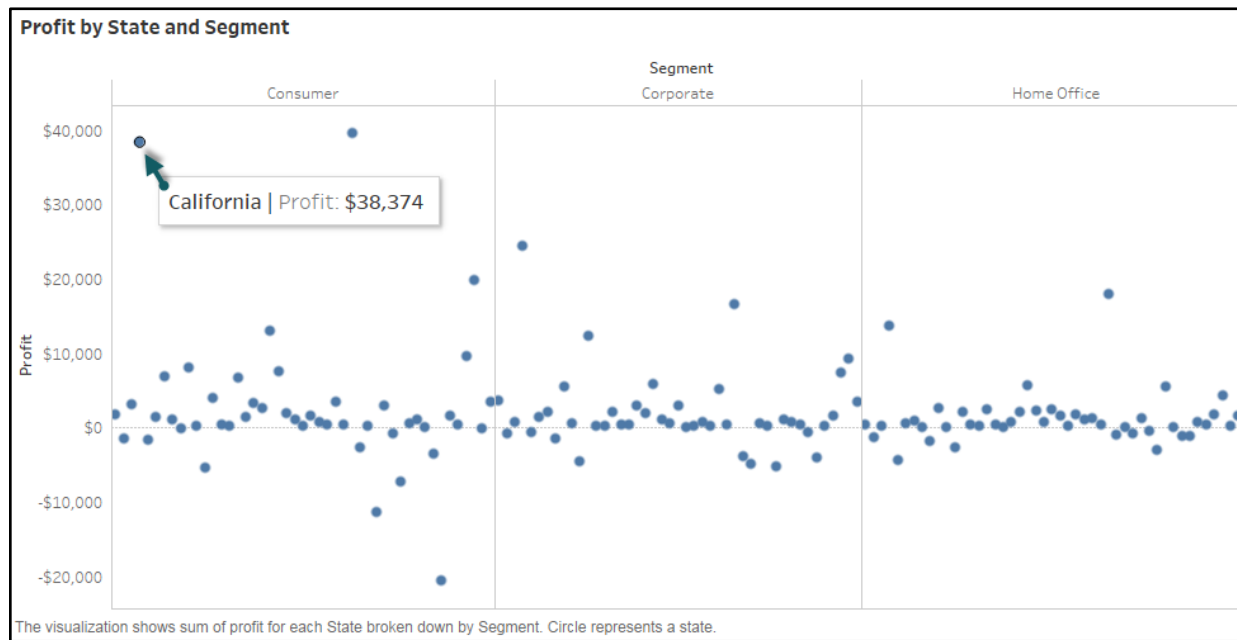
Jitter plots allow you to separate overlapping marks on a view. Jitter plots are also called as wheat plot. They add extra spaces on a view and separate marks into different columns. This reveals hidden data and makes it easy to visualize distributed data points.

*Sample Jitter Plot created in Tableau.*



Jitter plot makes densely populated data easy to read and understand. It adds a small random values in the data. This random values get assigned to the dots in the view so that overlapping marks separate from each other a little bit. The intensity of the plot, or number of columns on the X-axis can also be adjusted.

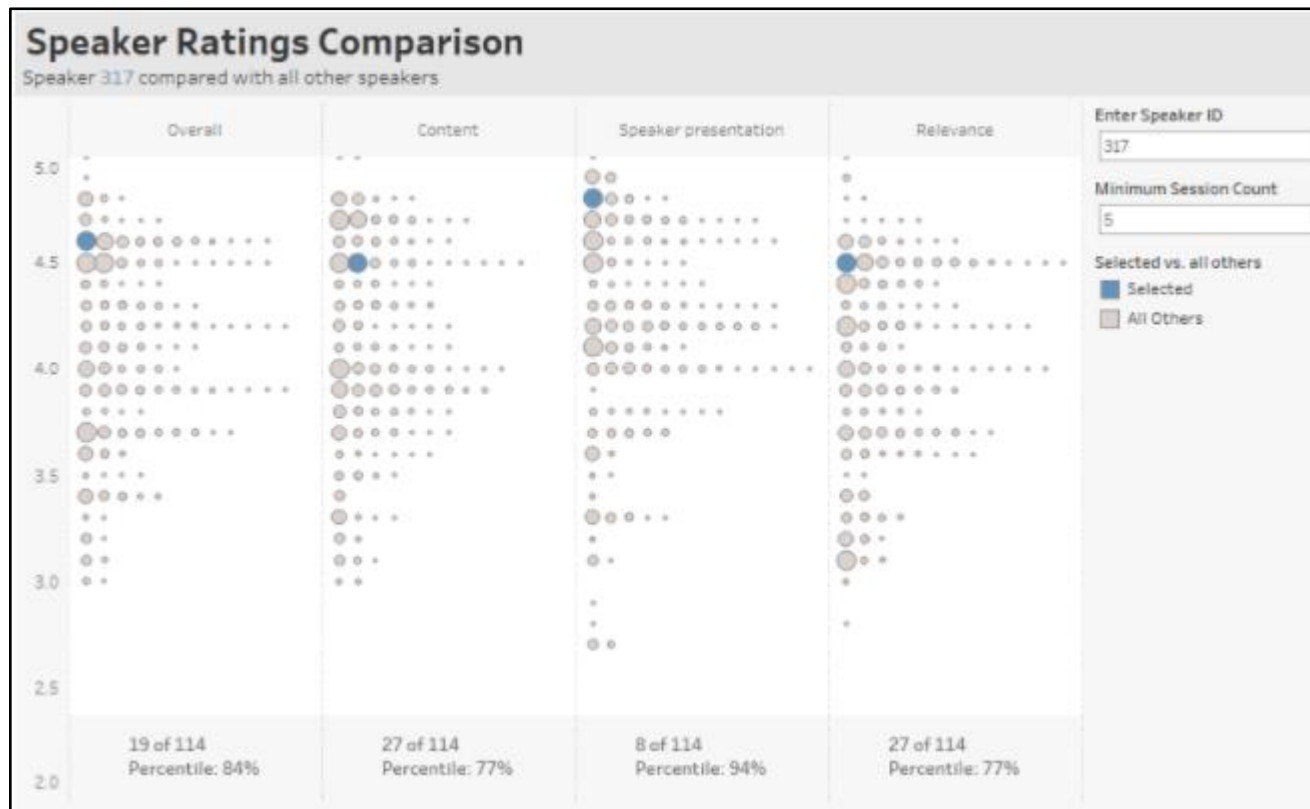
Here is another example of a Jitter Plot.



### Applications:

- When you are interested in displaying densely populated data
- When you want to find outliers in the data
- When you have too many marks overlapping and you want to be able to select any individual mark
- When you need to show the relative distribution of all points
- When you want to show some data points that have identical values for multiple variables

Here is an example of Jitter Plot.



**YouTube Video Link:**

<https://youtu.be/wSE88bsWvLc>

**References:**

<https://www.evolytics.com/blog/tableau-201-make-customizable-jitter-plots/>

<https://www.dataplusscience.com/WheatPlot.html>

