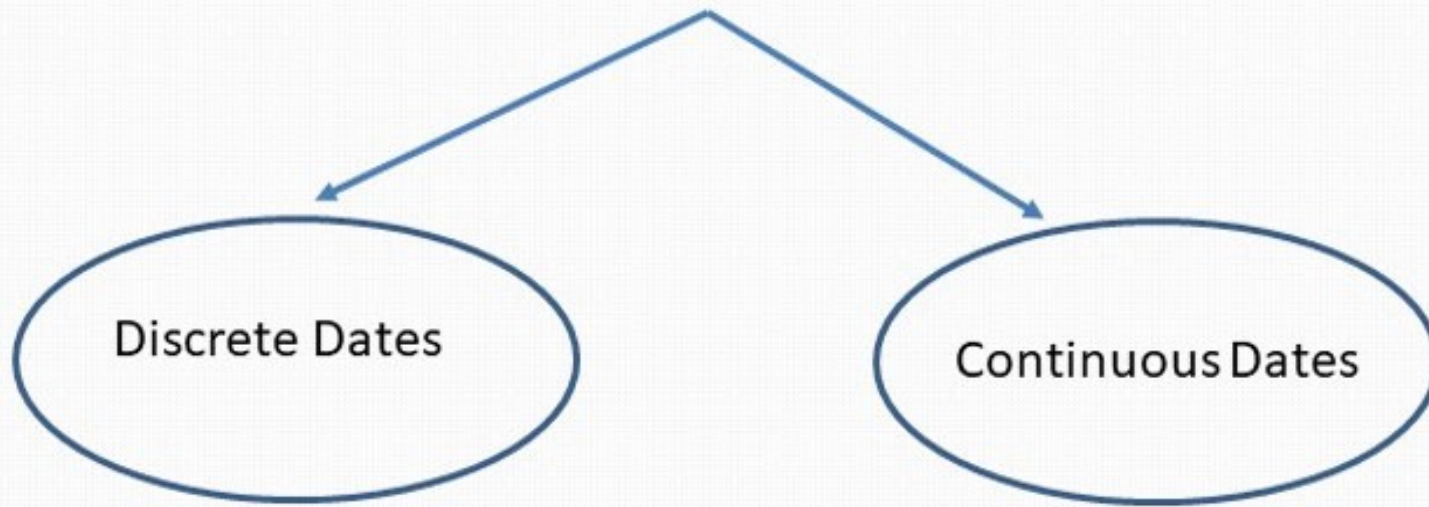




## Dates in Tableau

# How to Handle Dates in Tableau

There are 2 types of dates in Tableau





# Discrete Dates

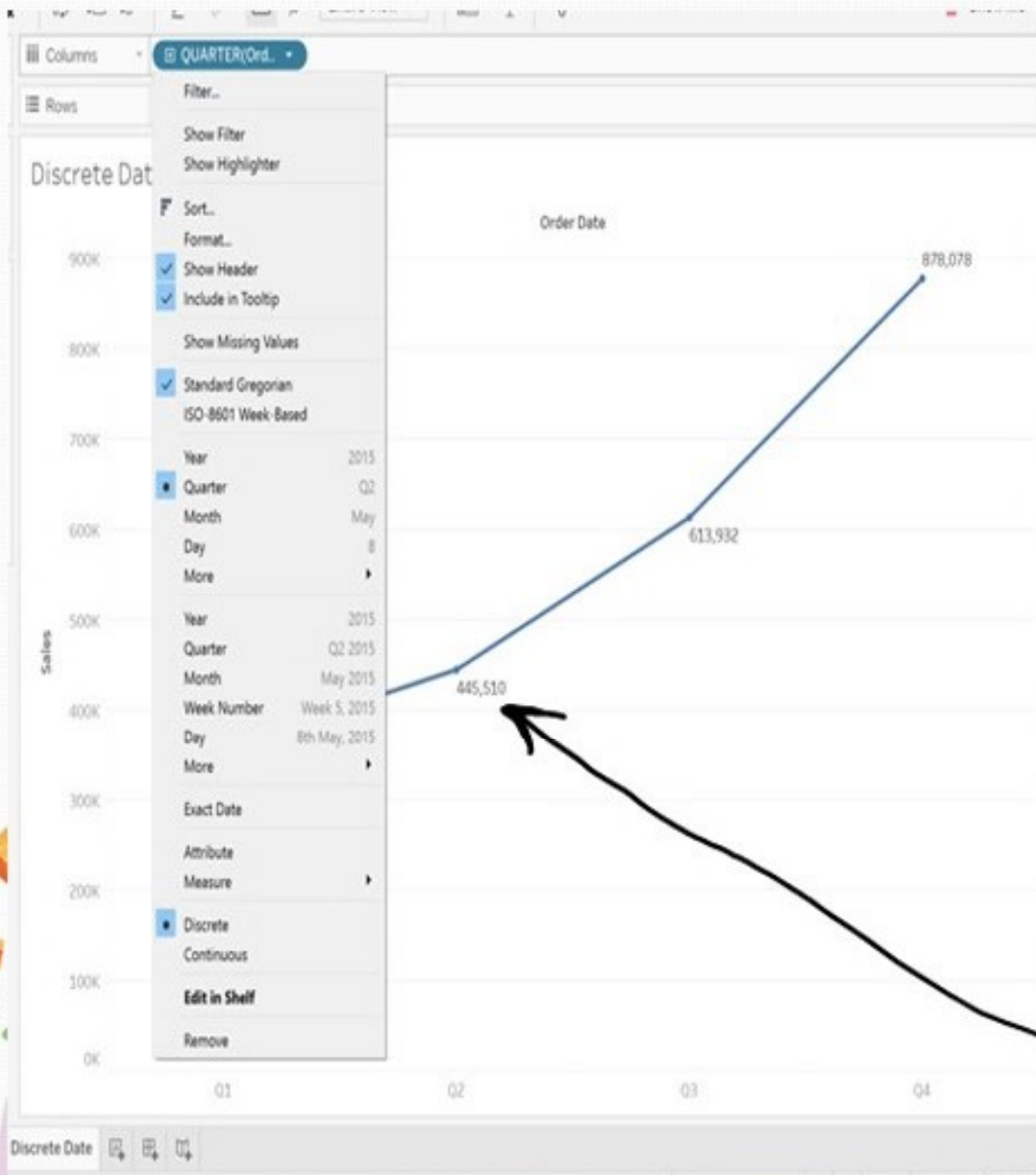
- Discrete dates are the summed up value of the date part that you want to analyse.
- For example: You have 3 yrs. Data and each of the year has its own Quarter and Month. When you do a Discrete date analysis at Quarter level; then Tableau will look into all the years' quarter, add the value and return it back.

2011 :	Q1	Q2	Q3	Q4
2012 :	Q1	Q2	Q3	Q4
2013 :	Q1	Q2	Q3	Q4
	Q1	Q2	Q3	Q4

So, in spite of 12 Quarters for 3 yrs., when we plot the dates at Discrete Level Qtrs. We will get only 4 Qtrs.- summed up value of each Quarter as one.



Now, if you take Order Date & Sales in The Viz and Select Discrete Quarter then You will see only 4 Qtrs. But, if you look at the values, this will be a summed up value of all the 4 yrs.



Columns: QUARTER(Order Date)

Rows: YEAR(Order Date)

Discrete Dates Table

Year of Ord..	Q1	Q2	Q3	Q4
2016	74,448	86,539	143,633	179,628
2017	68,852	89,124	130,260	182,297
2018	93,237	136,082	143,787	236,099
2019	123,145	133,764	196,252	280,054
Grand Total	359,682	445,510	613,932	878,078



# Continuous Dates

- Continuous dates are the individual plotting of the date part that you want to analyse.
- For example: You have 3 yrs. Data and each of the year has its own Quarter and Month. When you do a Continuous date analysis at Quarter level; then Tableau will look into all the years' quarter, individually plot all the values and return it back.

2011 : Q1 Q2 Q3 Q4

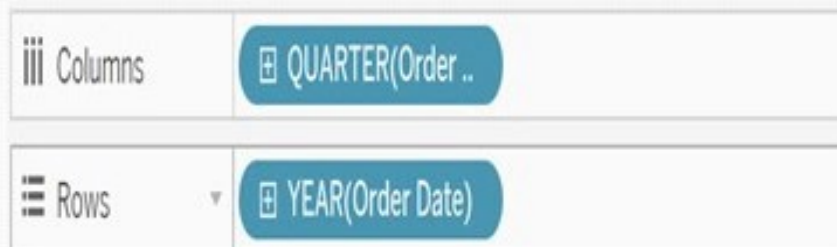
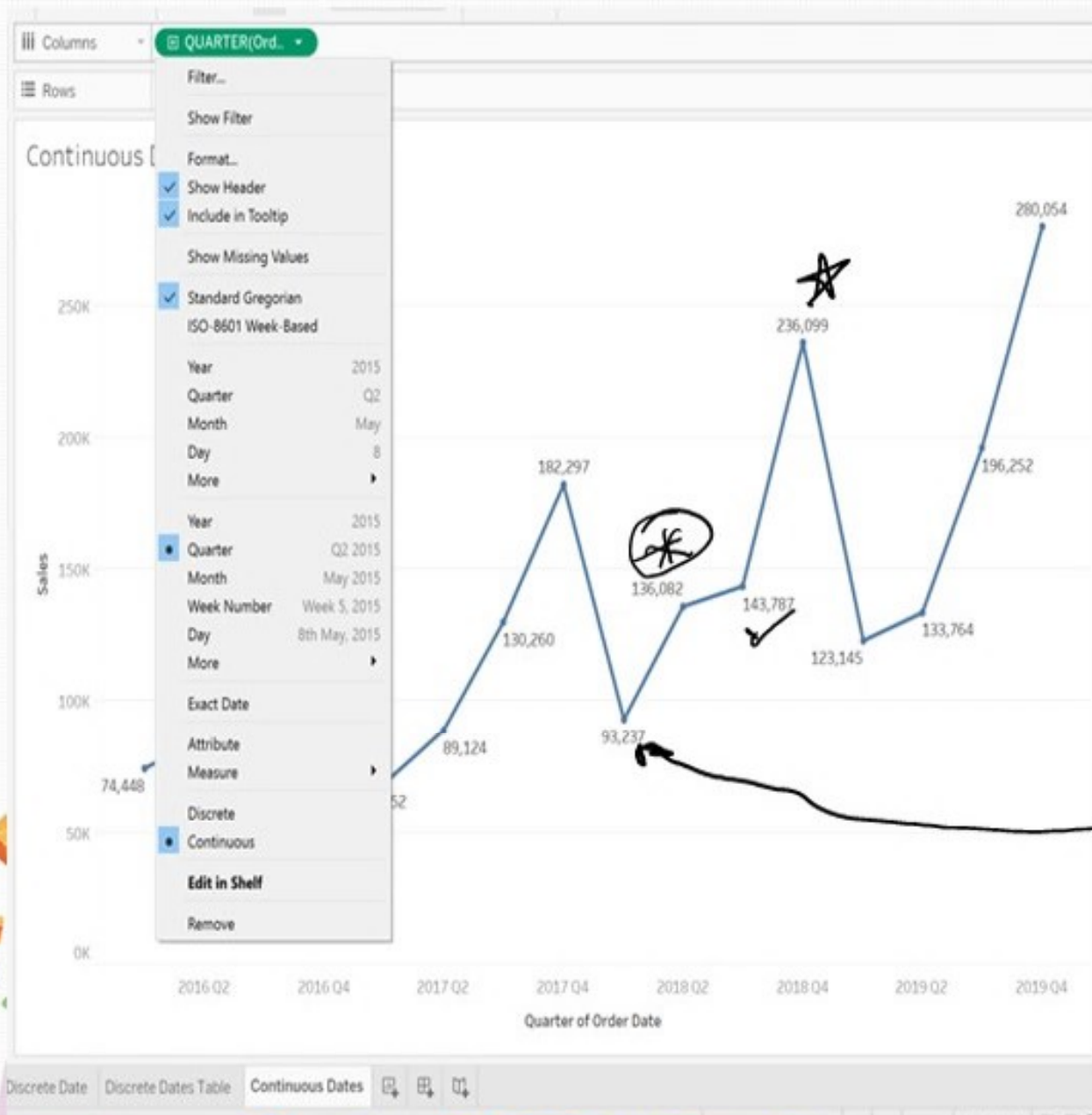
2012 : Q1 Q2 Q3 Q4

2013 : Q1 Q2 Q3 Q4

So, in 12 Quarters for 3 yrs., when we plot the dates at Continuous Level Qtrs we will get all the 4 Qtrs. For each year individually plotted.



Now, if you take Order date & Sales in the viz at the Continuous Level, then you will see all the dates individually plotted, with only the values of independent Quarter only.



Continuous Dates Table

Year of Ord..	Q1	Q2	Q3	Q4
2016	74,448	86,539	143,633	179,628
2017	68,852	89,124	130,260	182,297
2018	93,237	136,082	143,787	236,099
2019	123,145	133,764	196,252	280,054
Grand Total	359,682	445,510	613,932	878,078