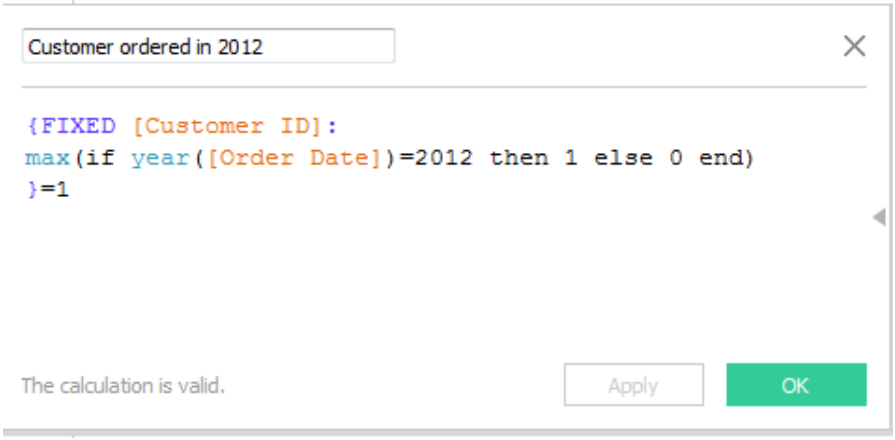
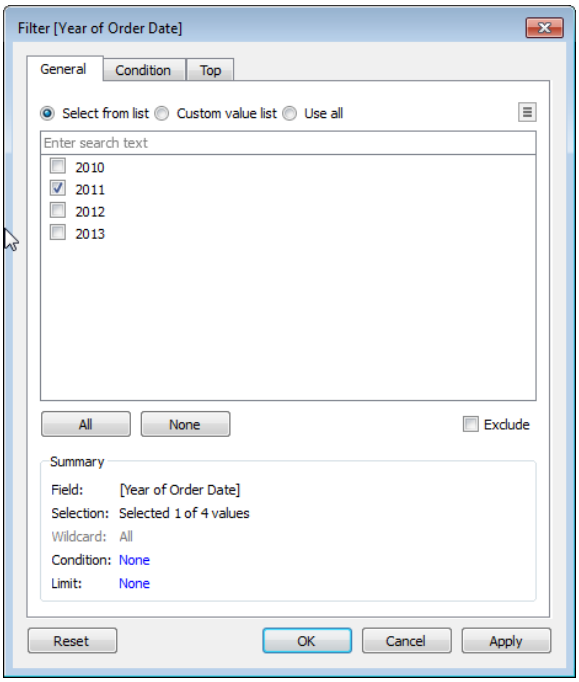
1. What % of Customers ordering items in 2011 also ordered items in 2012? (use the customer ID to identify the customer)

   A. 49.289%
   B. 50.711%
   C. 59.71%
   D. 43.69%
   E. None of the above

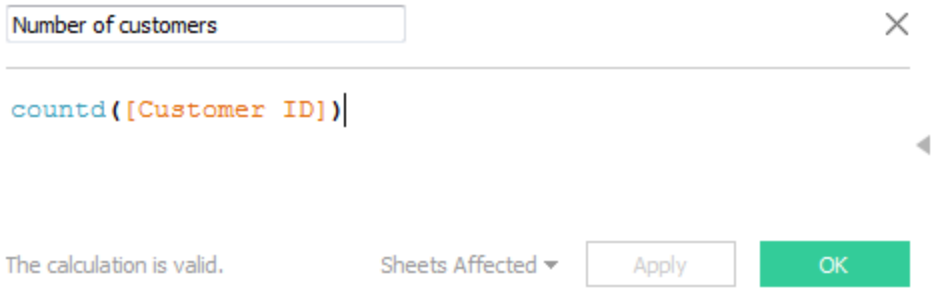
Use a LOD expression to determine whether the customer ordered in 2012:



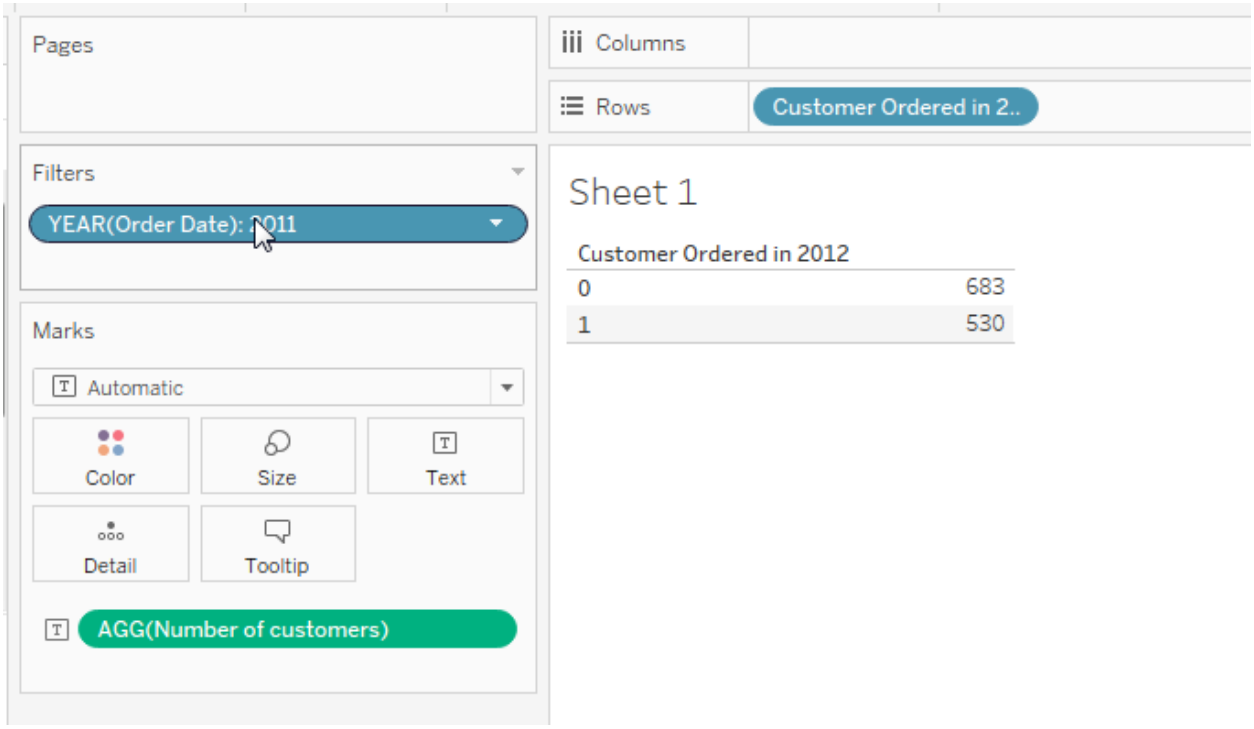
Filter on 2011 orders:



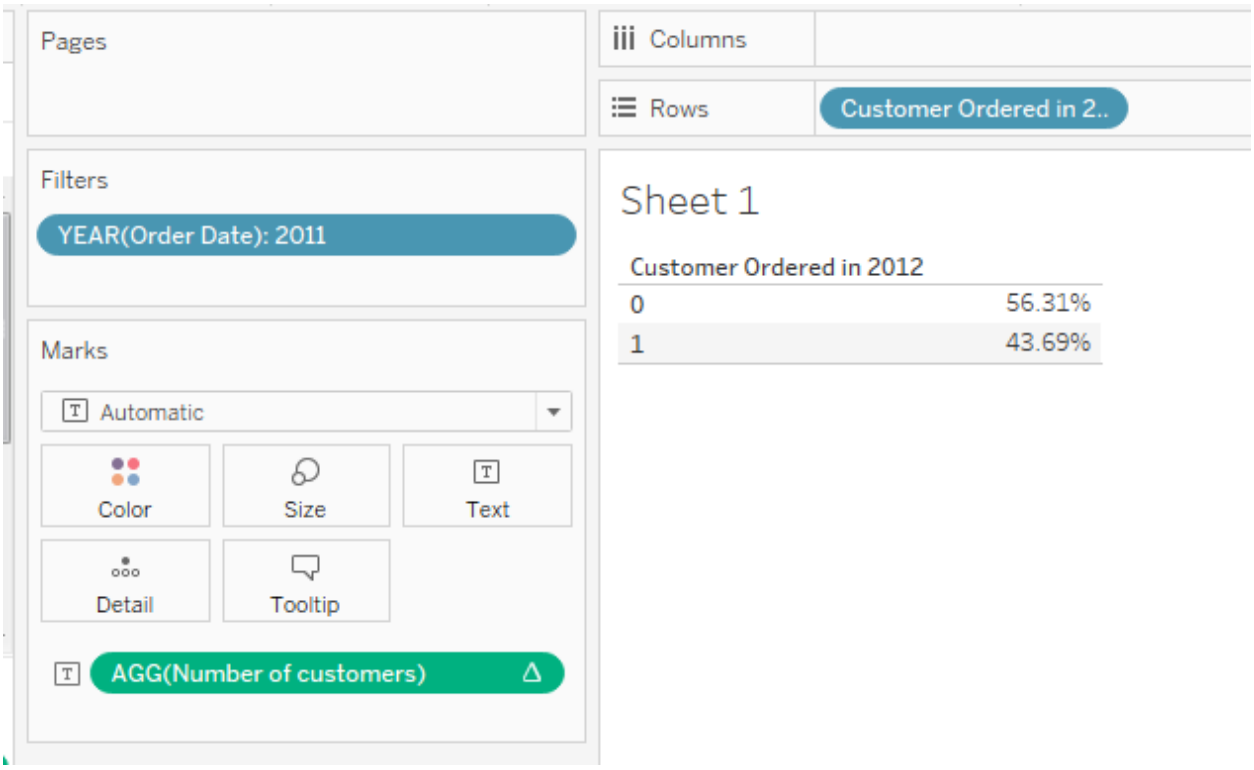
Add a count distinct calculation for the number of customers:



Now we have the customers ordering in 2011, and whether or not they ordered in 2012:

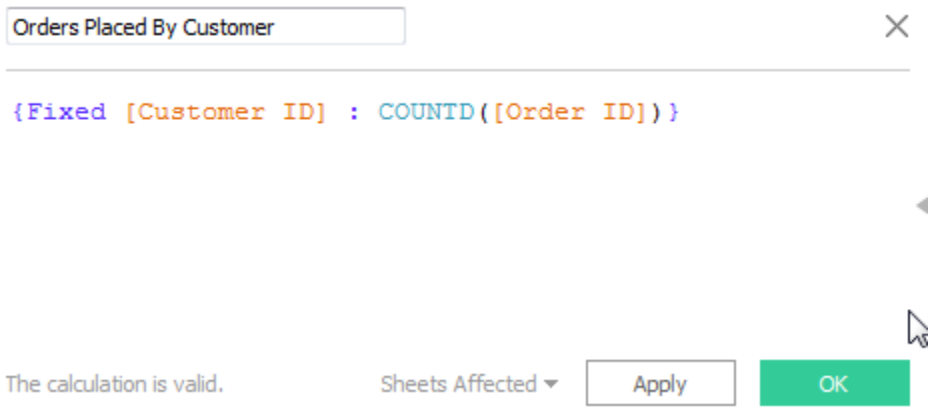


Use a % of total table calculation:

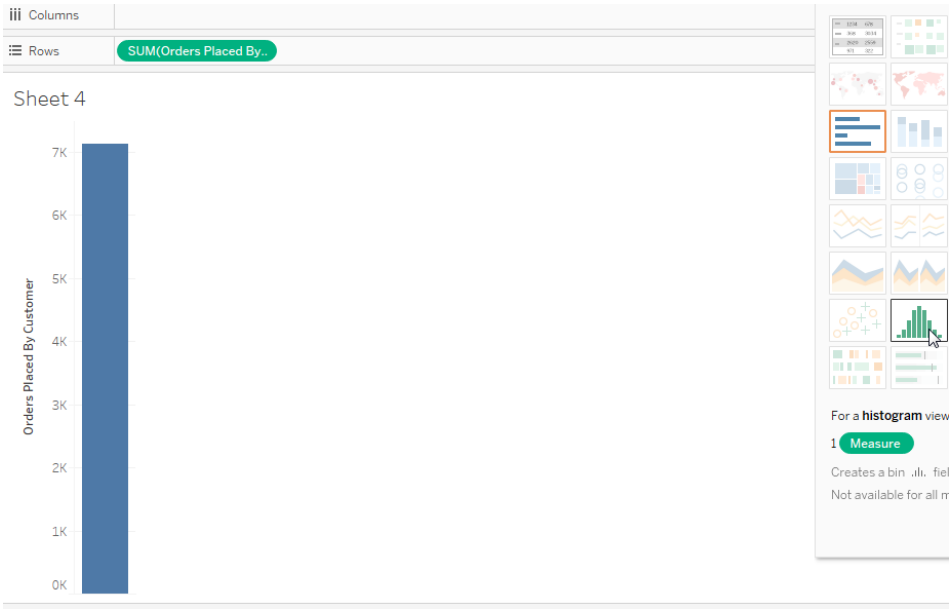


2. How many customers (as identified by customer id) made 8 or 9 separate orders?
    A. 590
    B. 121
    C. 26
    D. 8
    E. 7

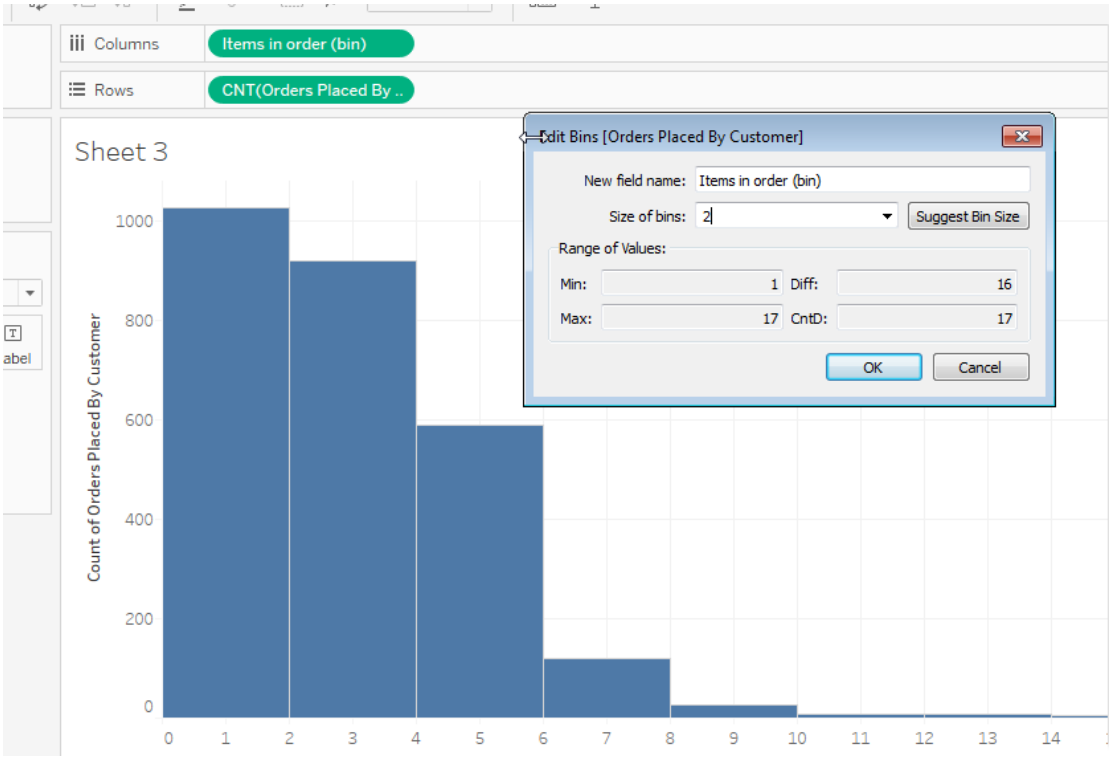
Add a formula to



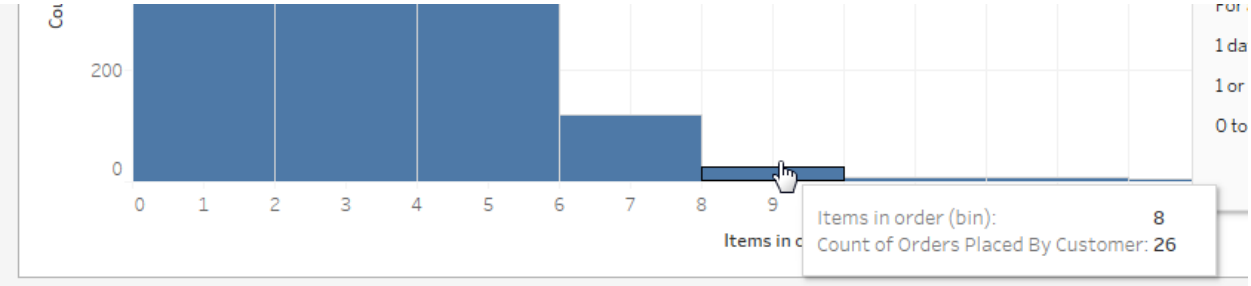
Add this to the view and change to a histogram:



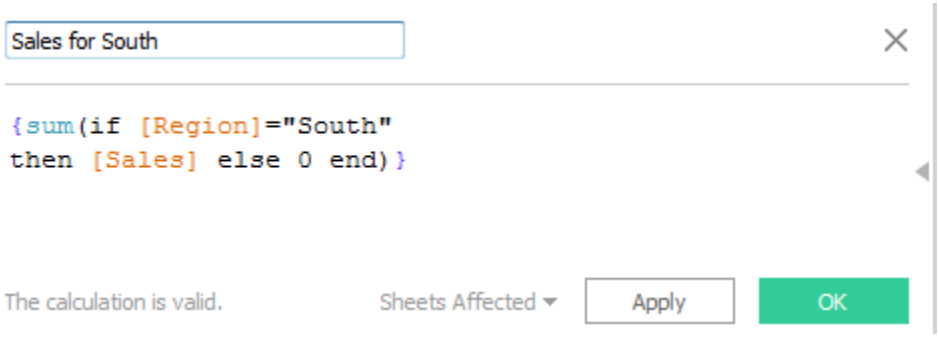
Check the bin size:



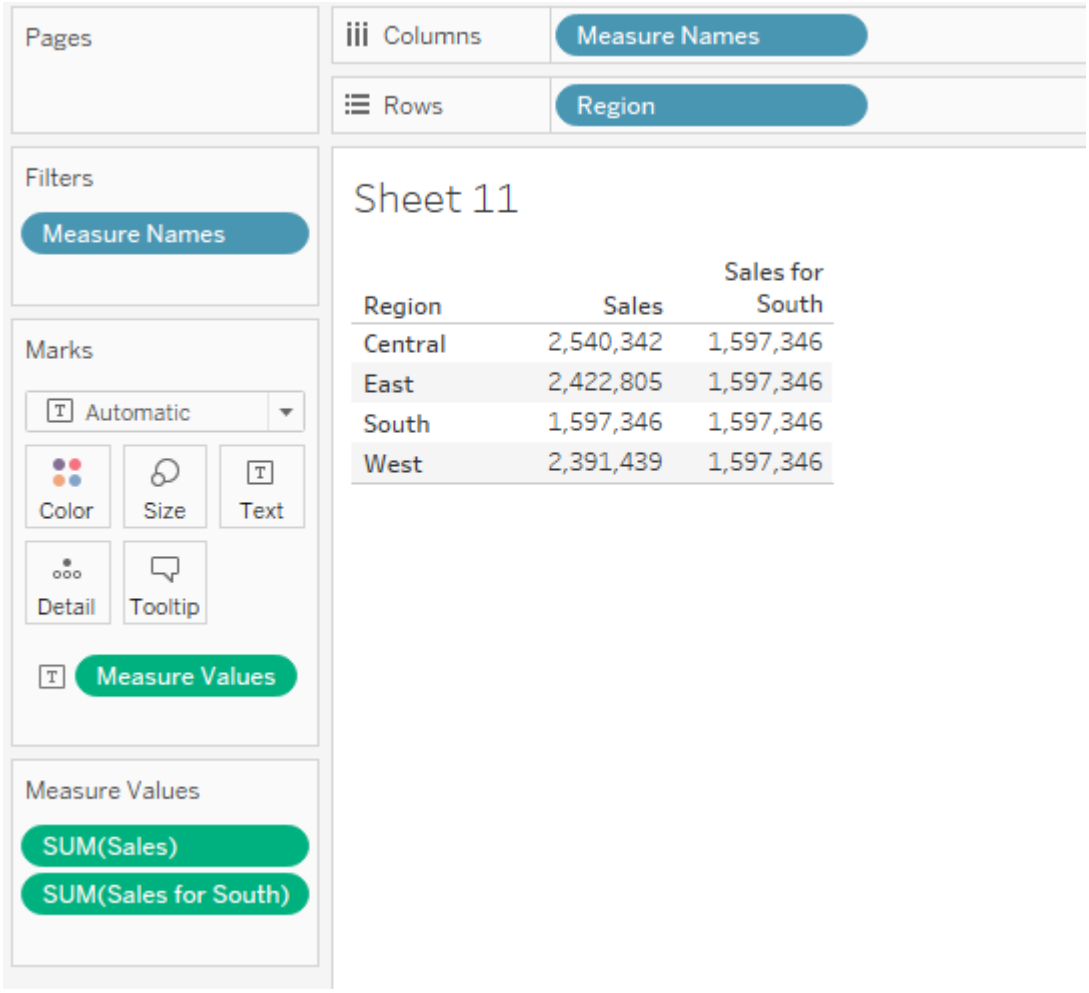
Look at the 8 – 9 bin:



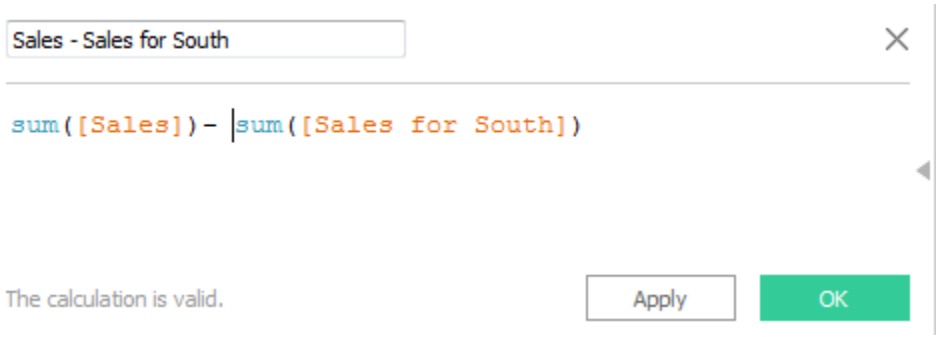
3. How much greater were the sales for the East region than for the South region?
   A. 1,597,346
   B. 942,995
   C. 825,458
   D. 794,093
   E. None of the above



Add Region, Sales and Sales for South to the view:



This is almost what we need. Let's just take the difference of Sales and Sales for South:



Add this to the view:

Sheet 11

Region	Sales	Sales for South	Sales - Sales for South
Central	2,540,342	1,597,346	942,995
East	2,422,805	1,597,346	825,458
South	1,597,346	1,597,346	
West	2,391,439	1,597,346	794,093