As we have done with height, we are also going to going to create the calculation for weight as seen in the following screenshot:

When these calculated fields have been created, you can create the calculated field that holds the R calculation. The following screenshot will show a diagram of this field:

Once the calculated fields have been created, you can drag the fields onto the canvas.

So we can calculate the correlation for all the fields, we need an index. Move index to the Dimensions tab by dragging it up from the Measures tab:

Create a formula for R

SCRIPT_REAL("cor(.arg1, .arg2)",

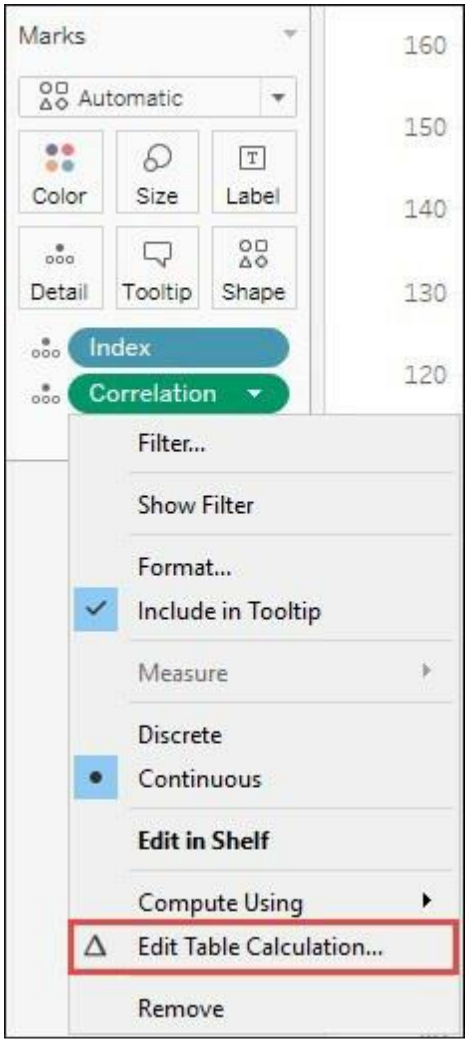
([HeightSum]), ([WeightSum]))

Then, drag HeightSum to Columns.

Next, drag WeightSum to Rows.

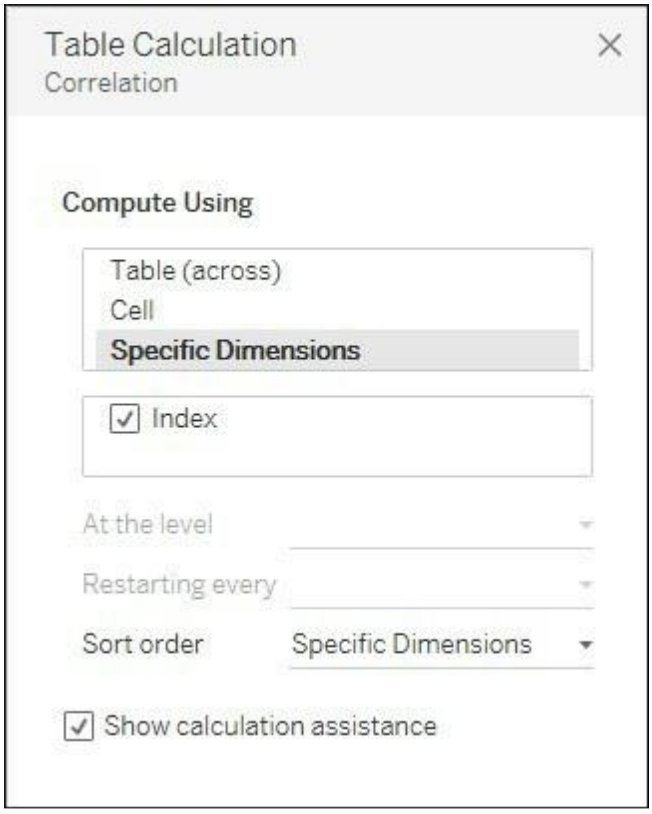
To show all of the marks, Add Index to the Detail Mark.

Add Correlation to the Detail Mark. Here is an example:



When we look to see what the Correlation field is showing now, we can see that it isn't holding anything. How can we resolve that issue? Now, we need to fix the calculated field holding the R formula. It will need to be configured to show the correct settings for the calculation.

Our correlation is happening at the table level. However, in order to ensure that all data points are included in the correlation, we are going to specify here that the **Index** column is included. This means that all data points are included. Here is an example:



Once we have done all of these steps, we can see that the Correlation field is now populated with a very high population.