

## Tableau Reference Guide

Use the helper functions to provide information about the relative position or size of an item within the current scope and direction.

The results from **FIRST**, **LAST**, **INDEX**, and **SIZE** functions can be used as input to other calculations or functions, such as the **LOOKUP** function. For example, use **FIRST()** + n and **LAST()** - n as part of your offset definition for a target relative to the first or last rows in the partition.

Function Syntax	Purpose	Example
<b>INDEX()</b>	Returns the position of the current value, given the chosen scope and direction.	<b>INDEX()</b> returns the index for the current row. The first row index starts at 1.
<b>FIRST()</b> <b>LAST()</b> is similar	Returns the offset of the position of the current value.	<b>FIRST()</b> returns 0 if the current value is in the first row and returns -1 if the current value is in the second row, and so on. <b>LAST()</b> returns 0 if the current value is in the last row and returns 1 for the previous row and so on.
<b>SIZE()</b>	Returns the number of rows in the current scope.	<b>SIZE()</b> returns 12 if the current part of the table shows sales for months in a year.

## FAQ

These functions will return numbers with decimals, so change the format to standard if you want to show these as stand-alone calculated fields. Note that these functions are followed by parentheses, even though they are empty.