#### FREQUENCY

[Syntax](Syntax.docx):

FREQUENCY ( data-array , bins-array )

Description: Calculates how often values occur within a range of values. A call to FREQUENCY shall be entered as an array formula.

Arguments:

|  |  |  |
| --- | --- | --- |
| Name | Type | Description |
| data-array | array, [reference](reference.docx) to number | Set of values for which frequencies are to be computed. If data-array contains no values, FREQUENCY returns an array of zeros. Cells containing text or that are empty are ignored. |
| bins-array | array, [reference](reference.docx) | Set of intervals into which the values in data-array are to be grouped. If bins-array contains no values, FREQUENCY returns the number of elements in data-array. |

Return Type and Value: [vertical](vertical.docx) array of numbers – The frequency at which values occur within a range of values. The number of elements in the returned array is one more than the number of elements in bins-array. The extra element contains the count of any values above the highest interval.

[Example:  
  
If the cells A2:A10 contain 79, 85, 78, 85, 50, 81, 95, 88, and 97, and the cells B2:B4 contain 70, 79, and 89, FREQUENCY(A2:A10,B2:B4) results in a [vertical](vertical.docx) array containing 1 (50), 2 (79, 78), 4 (85, 85, 81, 88), and 2 (95, 97).  
  
end example]