

# Ranking function

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Hello all, I have a set of values. Each value in the set should be compared to a constant, say for example 1.5. Based on how close the given value is to this constant, it is assigned a 'rank' between 1 to 10. When the given value is equal to the constant, the record is assigned a 'rank' 10. For example assume the following set of values,

ID	Given Value	Constant
1	1.3	1.5
2	1.7	1.5
3	1.2	1.5
4	1.5	1.5

In the above data, record 4 should be assigned 10, as it is the best possible match. But, how do I go about assigning ranks to the values that is either greater or lesser than 1.5? The negative and positive error has the same effect on the ranking, i.e., 1.3 and 1.7 both should be assigned same rank.

Thanks in advance.  
Vijay.

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