

UpperLower Function

The UpperLower function checks or changes an input field.

Parameters

Case	<p>Possible values:</p> <ul style="list-style-type: none"> • UPPER: text is changed into uppercase letters. • LOWER: text is changed into lowercase letters. • FIRSTCASE: returns the first value in preceding rows that is case-insensitively equal to the input value.
Verifycase	<p>Possible values: true/false. If true, checks whether in preceding rows a value has occurred that is case-insensitively equal to the input value. In that case, a warning is raised. The option has no influence on the result of the function.</p>
Normalize Unicode	<p>Normalizes the input string according to the Unicode equivalence. This means that strings which represent the same sequence of abstract characters but have distinct visual appearances can get a unique representation by applying the normalization form NFKC (Normalization Form Compatibility Composition).</p>

Examples

Input	LOWER	FIRSTCASE	
Germany	germany	Germany	
AUSTRIA	austria	AUSTRIA	
GERMANY	germany	Germany	A warning is raised if VERIFYCASE=true
Germany	germany	Germany	

Input	Normalized Input
m ² m2	m2 m2

The option FIRSTCASE is particular useful to assure data quality in cube loads with drillthrough scenarios. The result of the function depends in this case on the order of the rows.



The operation **Normalize Unicode** is similar to the behavior of Jedox OLAP database. It does not differentiate between dimension elements identical on ICU comparison level 2. That means it's not possible to have, for example, the elements "m²" and "m2" in one dimension.
