

CUBEVALUE

The function combines the CUBEMEMBER functions it references, and returns an aggregated value.

Before You Begin

Ensure you know the syntax and specifics of CUBEMEMBER. For details, see [CUBEVALUE function](#).

Syntax

```
CUBEVALUE(connection, [member_expression1], [member_expression2], ...)
```

Consider that for `member_expression` you cannot include in-line MDX functions. Instead, you should use a key-based MDX member reference string. `member_expression` can also be a tuple, specified as a cell range or an array constant. Here are a few examples:

- ▲ Static text string: "[Measure].[Order Quantity]"
- ▲ Concatenated text string: "[Product].[Product Categories].[Category].&["&B16&"]"
- ▲ Cell range: B1:B3
- ▲ Cell list: {"[Measures].[Order Quantity Long]","[Product].[Product Categories].[Category].&[4]"}
- ▲ Cell list: (B1,B3)

The following examples show how you can use the CUBEVALUE function.

CUBEVALUE(Connection, CUBEMEMBER Measure)

MDX query name:

```
C1= CUBEMEMBER- Internet Sales Amount Local
C2= CUBEMEMBER- Order Quantity
```

Example:

```
C11=CUBEVALUE("Connection Name",C1)
C12=CUBEVALUE("Connection Name",C2)
```

CUBEVALUE(Connection, CUBEMEMBER Measure, CUBEMEMBER-Dimension)

MDX query name:

```
C2= CUBEMEMBER- Order Quantity
C3= CUBEMEMBER- United States
```

Example:

```
C13=CUBEVALUE("Connection Name",C2,C3)
```

CUBEVALUE(Connection, CUBEMEMBER Measure, CUBEMEMBER Dimension)

This example is for lower level of the hierarchy.

MDX query name:

```
C2= CUBEMEMBER- Order Quantity
C7= CUBEMEMBER- California
```

Example:

```
C14=CUBEVALUE("Connection Name",C2,C7)
```

CUBEVALUE(Connection, CUBEMEMBER Measure, CUBEMEMBER Dimension, ...)

MDX query name:

```
C2= CUBEMEMBER- Order Quantity
C3= CUBEMEMBER- United States
C4= CUBEMEMBER- Accessories
```

Example:

```
C15=CUBEVALUE("Connection Name",C2,C3,C4)
C16=CUBEVALUE("Connection Name",C2:C4)
```

CUBEVALUE(Connection, CUBEMEMBER From CUBEMEMBER Formula)

MDX query name:

```
C8=CUBEMEMBER- Order Quantity-United States
C9=CUBEMEMBER- Order Quantity-US-Accessories
```

Example:

```
C17=CUBEVALUE("Connection Name",C8)
C18=CUBEVALUE("Connection Name",C9)
```

CUBEVALUE(Connection, CUBEMEMBER From CUBEMEMBER Formula, CUBEMEMBER Dimension)

MDX query name:

```
C8=CUBEMEMBER- Order Quantity-United States
C4= CUBEMEMBER- Accessories
```

MDX query name:

```
C19=CUBEVALUE("Connection Name",C8,C4)
```

Note that the second cubemember should be a dimension different from the cube members from the combined CUBEMEMBER. In case when the invalid CUBEMEMBER is selected, CUBEVALUE will return: #Value! Error value

IFERROR(NUMBERVALUE(CUBEVALUE("Connection Name", CUBEMEMBERMeasure, CUBEMEMBER Dimensions))

MDX query name:

```
C2= CUBEMEMBER- Order Quantity
C3= CUBEMEMBER- United States
C4= CUBEMEMBER- Accessories
```

Example:

```
C21=IFERROR(NUMBERVALUE(CUBEVALUE("Connection Name",C2,C3,C4)),0)
```

CUBEVALUE(Connection, CUBEMEMBER Measure, CUBESET)

MDX query name:

```
C2= CUBEMEMBER- Order Quantity
Cubeset(My Countries)
```

Example:

```
C22=CUBEVALUE("Connection Name", C2,Cubeset(My Countries))
```

CUBEVALUE(Connection, CUBEMEMBER Measure, Slicer)

MDX query name:

```
C1= CUBEMEMBER- Internet Sales  
C4= CUBEMEMBER- Accessories  
Slicer_Color
```

Example:

```
C20=CUBEVALUE("Connection Name",C1,C4,Slicer_Color)
```



This function returns a #N/A error value for the empty slicer when the filter is not applied.

IFERROR(NUMBERVALUE(CUBEVALUE("Connection Name", CUBEMEMBER Measure, CUBEMEMBER Dimensions, CUBESET))

MDX query name:

```
C2= CUBEMEMBER- Order Quantity  
C3= CUBEMEMBER- United States  
C4= CUBEMEMBER- Accessories  
CUBESET- Dates
```

Example:

```
C23=IFERROR(NUMBERVALUE(CUBEVALUE("Connection Name",C2,C3,C4,CUBESET- Dates)),0)
```

More Information

[Using CUBE functions](#)