

Sum (MDX)

Returns the sum of a Measure evaluated over a specified set.

Syntax

```
Sum( Set_Expression, Measure )
```

Input Parameters

Set_Expression

A valid Multidimensional Expressions (MDX) expression that returns a set.

Measure

A basic Measure.

Return Value

Returns a value of the same type as Measure equaling the sum of the Measure evaluated over the given set.

Examples

Returns the Sum of salesamount1 over a 30 period window on the [Order Date Dimension].[Order Retail445] hierarchy.

```
Sum(  
  [Order Date Dimension].[Order Retail445].CurrentMember.Lag(29)  
  :  
  [Order Date Dimension].[Order Retail445].CurrentMember,  
  [Measures].[salesamount1]  
)
```