

MDX Expressions

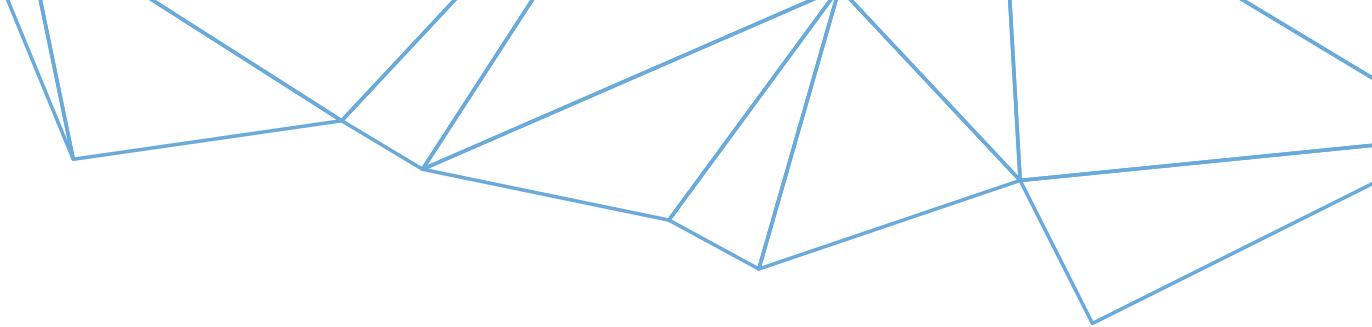
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Remember: XXXXX

Basic Aggregate and Math functions

Problem	Calculation Expression
Simple Gross Profit Calculation	[Measures].[Sales Amount] - [Measures].[Total Product Cost]
Sales in the USA	([Measures].[Sales Amount], [Customer].[Country].&[United States])
Year to Date Sales (Works for any level of Date Hierarchy)	Aggregate(PeriodsToDate([Date].[Calendar Hierarchy].[Year], [Date].[Calendar Hierarchy].CurrentMember), ([Measures].[Sales]))
Alternate Year To Date Expression (YTD, QTD, MTD)	Aggregate(YTD ([Date Order].[Calendar].CurrentMember), Measures.[Sales Amount])
Product Ranking	IIF (Product.Product.CurrentMember IS Product.Product.[All],NULL, IIF (Measures.[Sales Amount] = 0, NULL, RANK(Product.Product.CurrentMember, ORDER (Product.Product.Members, Measures.[Sales Amount])))
Sales from 365 Days Ago	(ParallelPeriod([Invoice Date].[Date Hierarchy].[Date], 365, [Invoice Date].[Date Hierarchy]. CurrentMember), [Measures].[Sales Amount])
Sales in the Previous Period	(Measures.[Sales Amount], [Date Order].[Calendar].CurrentMember.PrevMember)
Top 10 Selling Products (Named Set)	TopCount (Product.Product.Product.Members, 10,Measures.[Sales Amount])





Basic Aggregate and Math functions



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