To be able to use TimeCalculations, the following needs to be created on the Data Warehouse:

Tables:

TimeAggregations

* ID – BigInt
* Description – varchar(50)
* Custom Data: 0-Period, 1-Year To Date, 2-Last 12 Months, 3-Total Year, 4-Running Total (The labels can be changed, but has to be updated in the businessfunction as well.)

TimeComparison

* ID – BigInt
* Description – varchar(50)
* Custom Data: 0-Period, 1-Previous Year, 2-Diff. Over Previous Year, 3-Diff. % Over Previous Year (The labels can be changed, but has to be updated in the businessfunction as well.)

TimeCalculations

* ID\_Aggregation – BigInt
* ID\_Comparison – BigInt
* Description – varchar(50)

TimeCalculations table script (DataCleansing prescript)

INSERT INTO [TimeCalculations\_R]

(

                              ID\_Aggregation

                             ,ID\_Comparison

                             ,Description

)

SELECT

    a.ID,

    s.ID,

    CAST( s.ID AS VARCHAR ) + ' - ' + CAST( a.ID AS VARCHAR ) AS Description

FROM TimeAggregations\_V a

CROSS JOIN TimeComparison\_V s

GO

DECLARE @RC int

DECLARE @Debug bit

DECLARE @version int

DECLARE @loaddate datetime

SET @Debug=0

SET @version=1

SET @loaddate=GETDATE()

EXECUTE @RC = [dbo].[usp\_TimeCalculations\_Clean]

   @Debug

  ,@version

  ,@loaddate

GO

A TimeCalculations dimension must be created on the Cubes tab as below, and added to the cube as a shell dimension:







