# PowerBI Functions

## Beispiele Measure:

TotalSales = sumx('Order Details';'Order Details'[Quantity]\*'Order Details'[UnitPrice]) – Tabelle (Order Details)

SalesVJ = CALCULATE([SumSales];SAMEPERIODLASTYEAR(Zeitdimension[Datum])) – Tabelle (Order Details)

## Measure mit einer Variable

Corrected Sales = var totalSales = SUM('Order Details'[Sales]) return if(totalSales > 100000; totalSales \* 0,95; totalsales \* 1,25) – Tabelle (Order Details)

## Beispiel berechnete Spalte

Sales = [UnitPrice]\*[Quantity]\*(1-[Discount]) – Tabelle (Order Details)

NumberOfSales = COUNTROWS(RELATEDTABLE('Order Details')) – Tabelle (Products)

## Beispiel Neue Tabelle

Calendar = ADDCOLUMNS ( CALENDAR (DATE(2000;1;1); DATE(2030;12;31)); "DateAsInteger"; FORMAT ( [Date]; "YYYYMMDD" ); "Year"; YEAR ( [Date] ); "MonthNo"; FORMAT ( [Date]; "MM" ); "YearMonthNo"; FORMAT ( [Date]; "YYYY/MM" ); "YearMonth"; FORMAT ( [Date]; "YYYY/mmm" ); "MonthShort"; FORMAT ( [Date]; "mmm" ); "MonthLong"; FORMAT ( [Date]; "mmmm" ); "WeekNo"; WEEKDAY ( [Date] ); "WeekDay"; FORMAT ( [Date]; "dddd" ); "WeekDayShort"; FORMAT ( [Date]; "dddd" ); "Quarter"; "Q" & FORMAT ( [Date]; "Q" ); "YearQuarter"; FORMAT ( [Date]; "YYYY" ) & "/Q" & FORMAT ( [Date]; "Q" )) – als neue Tabelle