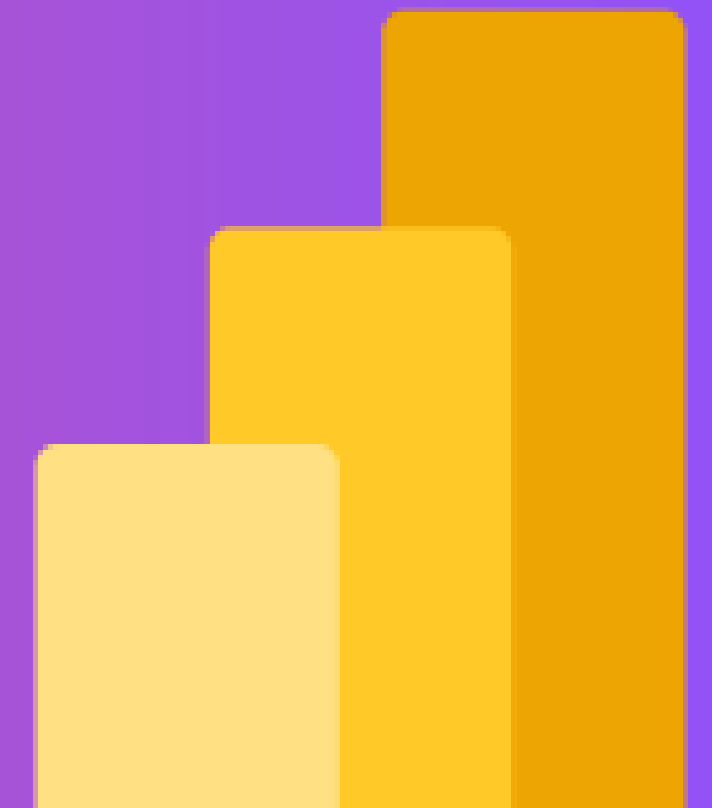


# Power BI Dax Cheat Sheet



# Date Function

- **TODAY:** TODAY( )
- **NOW:** NOW( )
- **YEAR:** YEAR('Table'[Date])
- **MONTH:** MONTH('Table'[Date])
- **DAY:** DAY ('Table'[Date])
- **DATEDIFF:** DATEDIFF('Table'[StartDate]'Table'[EndDate],DAY)
- **FORMAT:** FORMAT('Table'[Date], "yyyy-mm-dd")
- **EOMONTH:** EOMONTH(' Table ' [ Date ] , 0)

# String Function

- **UPPER:** UPPER( ' Table' [Text])
- **LOWER:** LOWER( ' Table'[Text])
- **LEFT:** LEFT(Table[Text], 2)
- **MID:** MID(Table[Text], 2, 5)
- **RIGHT:** RIGHT(Table[Text], 2)
- **CONCATENATE:** CONCATENATE('Table 1' [Text], 'Table 2' ['Text'])
- **TRIM:** TRIM('TABLE'[Text])
- **SUBSTITUTE:** SUBSTITUTE(Table[Column], "Old", "New")
- **SEARCH:** SEARCH("word", Table[Column], Start\_Position, -1)
- **FIND:** FIND("word", WithinText, [StartPosition], [NotFoundValue])

# Logical Function

- **IF:** IF('Table'[Column] > 10, "Yes", "No")
- **AND:** AND('Table'[Column 1] > 2, 'Table'[Column 2] < 30)
- **OR:** OR('Table'[Column 1] > 2, 'Table'[Column 2] < 30)
- **NOT:** NOT('Table'[Red])
- **SWITCH:** SWITCH('Table'[Column 1], "A", 1, "B", 2.0)

# Statistic

- **AVERAGEX:** AVERAGEX( 'Table',  
[Column])
- **COUNT:** COUNT( 'Table' [Column])
- **COUNTA:** COUNTA('Table' [Column])
- **COUNTAX:** COUNTAX( 'Table' ,  
[Column])

# Math

- **SUMX:** SUMX(Sales, Sales[Quantity] \* Sales[Price])
- **AVERAGE:** AVERAGE('Table'[Column])
- **MIN:** MIN('Table'[Column])
- **MAX:** MAX('Table'[Column])
- **ROUND:** ROUND('Table'[Number], 2)
- **ABS:** ABS('Table'[Number])

# Time Intelligence

- **TOTALYTD:** TOTALYTD (Sum (‘Table’ [ Sales ] ),‘Date’[ Date ] )
- **SAMEPERIODLASTYEAR:** Calculate(Sum(‘Table’[Sales])
- **FIRSTDATE:** FIRSTDATE ( ‘Date’ [ Date ] )
- **LASTDATE:** LASTDATE ( ‘Date’ [ Date ] )
- **QUARTER:** QUARTER ( ‘Date’ [ Date ] )
- **MONTH:** MONTH (‘ Date’ [ Date ] )
- **WEEKDAY:** WEEKDAY(‘Date’ [Date],2)
- **CALENDAR:** CALENDAR( Date (2023-01-01) , Date(2023-12-31))
- **TOTALMTD:** TOTALMTD ( SUM( ‘Table’ [ Sale ] , ‘Date’[Date])
- **DATESBETWEEN:** DATESBETWEEN(‘Date’ [Date], Date[2022,1,1]  
Date[2022,12,31))

# Information

- **ISBLANK:** IF(ISBLANK('Table' [Column]),  
"Blank", "Not Blank")
- **ISERROR:** IF(ISERROR(1/0),  
"Error", "Not-Error")



# Table

- **VALUES:** VALUES( 'table' [Column])
- **ALLSELECTED:** ALLSELECTED('Table')
- **ADD COLUMNS:** ADD COLUMNS( 'Table', "REVENUE",'Table',  
[Quantity] \* 'Table' [ Price])
- **SUMMARIZE:** SUMMARIZE('Table', 'Table'[Category], "Total Sales"  
SUM('Table'[Sales]))
- **ROLL UP:** ROLLUP('Date', 'Date'[Year], 'Date'[Quarter],  
'Date'[Month])
- **KEEPFILTERS:** KEEPFILTERS(CALCULATETABLE('Table', 'Table'  
[Column]>100))

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network!

