

# DAX formulas for Power BI

Category	Formula	Syntax
Basic	SUM	=SUM(Column)
	AVERAGE	=AVERAGE(Column)
	MAX	=MAX(Column)
	MIN	=MIN(Column)
	COUNT	=COUNT(Column)
	COUNTA	=COUNTA(Column)
	COUNTROWS	=COUNTROWS(Column)
	DISTINCTCOUNT	=DISTINCTCOUNT(Column)
	SUMX	=SUMX(Table;Expression)
	AVERAGEX	=AVERAGEX(Table;Expression)
Interactive	MAXX	=MAXX(Table;Expression)
	MINX	=MINX(Table;Expression)
	COUNTX	=COUNTX(Table;Expression)
	IF	=IF(Test;True; False)
	IFERROR	=IFERROR(Expression;Error)
Logic	AND	=E(Condition1; Condition2)
	OR	=OU(Condition 1; Condition 2)
	TRUE	=TRUE()
	FALSE	=FALSE()

	CONCATENATE	=CONCATENATE(Column1;Column2)
	LEFT	=LEFT(Column1; Number of chatacters)
	RIGHT	=RIGHT(Column1; Number of chatacters)
	MID	=MID(Column1; Intial position; Number of chatacters)
Text	LOWER	=LOWER(Column1)
	Upper	=UPPER(Column1)
	LEN	=LEN(Column1)
	SEARCH	=SEARCH(Text; Column1; [Intial position]; [Value if don't find])
	SUBSTITUTE	=SUBSTITUTE(Column1;Old text; New text; [Occurrance])
	TRIM	=TRIM(Column1)
	DAY	=DAY(Column1)
	MONTH YEAR	=MONTH(Column1) =YEAR(Column1)
	TODAY	=TODAY()
	WEEKDAY	=WEEKDAY(Column1;[Type])
Date	WEEKNUM	=WEEKNUM(Column1;[Type])
	HOURL	=HOUR(Column1)
	MINUTE	=MINUTE(Column1)
	SECOND	=SECOND(Column1)
	NOW	=NOW()
	DATEDIFF	=DATEDIFF(Date1; Date2; Type)
Filter	CALCULATE	=CALCULATE(Expression; Filter1; [Filter2];...)
	ALL	=FILTER(Table;Filter1;[Filter2];...)
	FILTER	=ALL(Table;[Column1];...)