

Tableau – General operators



Operator	Description	Example
+	Addition. Sums two numbers	$7+3 = 10$
-	Subtraction. Subtracts two numbers	$7-3 = 4$
*	Multiplication. Multiply two numbers	$7*3 = 21$
/	Division. Divide two numbers	$21/7 = 3$
%	Reminder of numeric division	$7\%3= 1$
^	Power of. Raising to the power of a given degree	$7^3 = 343$
- ()	Negate. Negate a given number or mathematical operation	$-(7+3)= -10$

Tableau – Comparison operators



Operator	Description	Example
==	Comparison. Compares two numbers, strings, or dates, and returns 1 if they are the same or 0, if they are not	$4 == (7-3) \rightarrow 1$ $4 == -(7-3) \rightarrow 0$
!=	Comparison. Compares two numbers, strings, or dates, and returns 1 if they are different, or 0, if they are the same	$4 != (7-3) \rightarrow 0$ $4 != -(7-3) \rightarrow 1$
>	Comparison. Compares two numbers, strings, or dates, and returns 1, if the first number is higher than the second, or 0, if it isn't	$7 > 3 \rightarrow 1$ $3 > 7 \rightarrow 0$
<	Comparison. Compares two numbers, strings, or dates, and returns 1, if the second number is higher than the first, or 0, if it isn't	$7 < 3 \rightarrow 0$ $3 < 7 \rightarrow 1$

Tableau – Logical operators



Operator	Description	Example
AND	If the expressions on both sides of AND are true, then the result would be 1, if one of them or both are not true, then the result would be 0	$(7 > 3) \text{AND} (3 < 7) \rightarrow 1$ $(7 > 3) \text{AND} (3 > 7) \rightarrow 0$
OR	If the expression on one side of OR is true, then the result would be 1, if none of them is true, then the result would be 0	$(7 > 3) \text{OR} (3 > 7) \rightarrow 1$ $(7 < 3) \text{OR} (3 > 7) \rightarrow 0$
NOT	Changes true to false and false to true	$\text{NOT}(7 > 3) \rightarrow 0$