Formula Examples

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This article provides a list of common formulas. Note that these formulas contain variables and calculations that may not be applicable to your organization. For more detailed information on formulas, see the following articles:

- Formulas Overview
- Variables, Operators & Functions
- Time Functions
- Null Values in Formulas
- Add Formulas to an Object Type

Examples

When reviewing the examples below, note that:

- Variables represent numeric and date fields, select lists, workflow states, or other formulas; and
- Functions require data from multiple objects. As such, only **Relationship** and **Reference** variable types can be used with a function.

NAME	FORMULA	VARIABLES	OPERATORS	FUNCTIONS	RE
Average Impact	MEAN(IMPACT)	IMPACT (Inherent Impact)		Mean	Calcu the n value Inher Impa objec the F relati divid the n of tin varia appe the c

Control Effectiveness	CONTROLEFF	CONTROLEFF (Control Effectiveness)			Provi coun value the C Effec field. that coun value multi objec requi relat or re varia used the s funct requi
Design Effective	DE==1?1:0	DE (Design Effectiveness)	== (equal to), ? : (conditional expression)		Chec Desig Effec equa yes, form outp other outp
Indicator Status	(CURRENT-TARGET)*DIRECTION	CURRENT(Current Value), TARGET (Target Value), DIRECTION (Desired Direction)	( ) (grouping), - (minus), * (multiply)		Subt value Targe from Value multi the t the v Desi Direc

Name	Formula	Variables	Operators	Description
Inherent Risk Score	IN_IMPACT*IN_LIKELIHOOD	IN_IMPACT (Inherent Impact), IN_LIKELIHOOD (Inherent Likelihood)	* (multiply)	Multi… value… Inher… Impa… the v… Inher… Likel…
KRI Status	TYPE==1 AND CV>LL AND CV<UL?1:2	TYPE (Type), CV (Current Value), LL (Lower Limit), UL (Upper Limit)	== (equal to), and (logical and), > (greater than), < (less than), ? : (conditional expression)	Chec… value… Type… the v… Curre… Value… great… Lowe… and i… value… Curre… Value… than… Limit… the f… outp… value… other… outp…
Material Weaknesses	IC==2?1:0	IC (Issue Classification)	== (equal to), ? : (conditional expression)	Chec… value… Issue… Class… is 2, … the f… outp… value… other… outp…

Maximum Likelihood	MAX(LIKELIHOOD)	LIKELIHOOD (Inherent Likelihood)		Max	Calcu the h num value Inher Likel from in th relati
Net Loss	TOTALLOSS-TOTALRECOVERED	TOTALLOSS (Total Loss Amount), TOTALRECOVERED (Total Recovered Amount)	- (minus)		Subtr value Total Reco from Loss Amou
No. of Open Actions	SUM(OA)	OA (Open Actions)		Sum	Calcu the s value Oper from in th Proce relati
Percentage of Samples Failed	(SUM(FAILED))/(SUM(TESTED)*100	FAILED (No. of Samples Failed) TESTED (No. of Samples Tested) Control	/ (divide), * (multiply)	Sum	Divid sum value of Sa Faile sum Samp Teste objec the T relati then multi the t 100.

Percentage of Testing Complete	TESTING/PLANNED*100	TESTED (No. of Samples Tested), PLANNED (Total Samples Planned)	/ (divide), * (multiply)		Divid value Samp Teste Total Samp Plann then multi the t 100.
Time to Fix	timeDiff (DATECOMPLETED,DATEIDENTIFIED,"days")	DATECOMPLETED (Issue Resolution Date), DATEIDENTIFIED (Issue Identification Date)		timeDiff	Displ differ days betw Issue Reso Date Issue Ident Date
Total Cost	QTY*COST	QTY (Quantity), COST (Cost)	* (multiply)		Multi value Quar Cost.