Data Table Variations: Sum

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This tool lets you generate a sum for a numeric column of your data table. For basic information about mapping indicators to data tables, first see **Data Source: Populate from a Data Table** .

To create a Sum indicator, set the data table mapping **Calculation** to **Sum** and select the column of data that will generate the sum. The dropdown only includes columns defined with numeric formats.

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Dashboard Activities	s Results Calendar Documents Photos Administration			
Home Results Indica	ators 🕑 Total # of training person-days provided			
14a Total # of training person-days provided				
Definition Targets 8	a Data Reports Forms Documents			
Data Source				
Data Source	 Enter indicator results directly Calculate from a formula Populate from a data table 			
Data Table	User Trainings View Table Data			
Calculation	Sum v of Number Days Attended v			
Geography Column	Location Data will be associated with places from this column.			
Date Column	Date Data will be associated with dates from this column.			
Filters	• Add filter			

The result for this indicator mapping will be a sum of the values in the **Number Days Attended** column.

What result do I get from Sum?

Have a look at the User Trainings data table below. Sum will give the total result of 64. Split out by reporting period and activity:

- **2016 Q1** (all the rows with locks):
 - Definitive Data Doing: (4+4+4+2+4+4+4+2+2) = 30

- Training Extravaganza: (3+2) = 5
- 2017 Q1: Friendly Data Help: (4+3+4+3+4+3+4+2+2) = 29

Since this data is reported per Location, per Activity, and is disaggregated by Gender, you can see it displayed that way in any of the visualizations.

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Data	Data Design											
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Key	Value Locke	d? Date	Location	Trainee Gender	Trainee First Name	Trainee Last Name	Certification Exam Taken?	Certification Exam Passed?	Train the Trainers Training Completed?	Certified Trainer Passed?	Activity	Number Days Attended
1		16 Mar 2017	Kozara National Park (Prijed	Female	Jane	Doe	×	×	×	×	Friendly Data Help (FDH)	4
2		16 Mar 2017	Kozara National Park (Prijed	Male	Joe	Doe	~	×	×	×	Friendly Data Help (FDH)	3
3		16 Mar 2017	Kozara National Park (Prijed	Female	Apple	Fiona	×	×	×	×	Friendly Data Help (FDH)	4
4		16 Mar 2017	Kozara National Park (Prijed	Male	Brian	Riggs	×	×	×	×	Friendly Data Help (FDH)	3
5		16 Mar 2017	Kozara National Park (Prijed	Female	Eve	Marple	×	×	×	×	Friendly Data Help (FDH)	4
6		16 Mar 2017	Kozara National Park (Prijed	Male	Joshua	Main	×	×	×	× .	Friendly Data Help (FDH)	3
7		16 Mar 2017	Kozara National Park (Prijed	Female	Janet	Mine	×	×	×	× .	Friendly Data Help (FDH)	4
8		16 Mar 2017	Kozara National Park (Prijed	Male	John	Dice	×	×	×	×	Friendly Data Help (FDH)	2
9		16 Mar 2017	Kozara National Park (Prijed	Female	Janice	Dane	×	×	×	×	Friendly Data Help (FDH)	2
10	_	01 Jan 2016	Teslić (Teslic, Banja Luka, Re	Female	Jane	Doe	×	×	×	×	Definitive Data Doing (DDD)	4
11		01 Jan 2016	Teslić (Teslic, Banja Luka, Re	Male	Joe	Doe	×	×	×	×	Definitive Data Doing (DDD)	4
12	_	01 Jan 2016	Teslić (Teslic, Banja Luka, Re	Female	Apple	Fiona	 Image: A second s	×	×	×	Definitive Data Doing (DDD)	4
13	_	01 Jan 2016	Teslić (Teslic, Banja Luka, Re	Male	Brian	Riggs	~	×	×	×	Definitive Data Doing (DDD)	4
14		01 Jan 2016	Teslić (Teslic, Banja Luka, Re	Female	Eve	Marple	×	×	~	×	Definitive Data Doing (DDD)	4
15		01 Jan 2016	Teslić (Teslic, Banja Luka, Re	Male	Joshua	Main	×	×	×	× .	Definitive Data Doing (DDD)	4
16	_	01 Jan 2016	Teslić (Teslic, Banja Luka, Re	Female	Janet	Mine	×	×	~	× .	Definitive Data Doing (DDD)	4
17	₽	01 Jan 2016	Teslić (Teslic, Banja Luka, Re	Male	John	Dice	×	×	×	×	Definitive Data Doing (DDD)	4
18		01 Jan 2016	Teslić (Teslic, Banja Luka, Re	Female	Janice	Dane	×	×	×	×	Definitive Data Doing (DDD)	4
19	₽	15 Mar 2016	Sarajevo (Centar Sarajevo, Sa.	. Female	Abby	Smith	~	~	×	×	Training Extravaganza (TRAIN)	3
20	۵	15 Mar 2016	Sarajevo (Centar Sarajevo, Sa.	. Male	Adam	Smith	×	×	×	×	Training Extravaganza (TRAIN)	2

Adding filters

When using Sum, you can add filters as usual. Filters are a way of ignoring any rows of your data table that do not meet the critera that you define. In this case, the indicator below will pull data from the data table only where the column **Trainee Gender** is set to **Female**.

DevResults Kate's Tes	ate's World It Site
Dashboard Activities	Results Calendar Documents Photos Administration
Home 🕨 Results 🕨 Indica	tors 🕑 Total # of training person-days provided
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Data Source	 Enter indicator results directly Calculate from a formula Populate from a data table
Data Table	User Trainings
	View Table Data
Calculation	Sum 🔻 of Number Days Attended 🔻
Goography Column	
deography column	Location
Data Caluma	
Date column	Data will be associated with dates from this column
-1.	
Filters	Trainee Gender
	C Add filter

This will produce a total of 39, split out this way:

- 2016 Q1 (all the rows with locks):
 - Definitive Data Doing: (4+4+4+4) = 18
 - Training Extravaganza: 3
- 2017 Q1: Friendly Data Help: (4+4+4+4+2) = 18

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