



ActivityInfo

Office Hour - Calculated Tables

Starting shortly, Please wait!

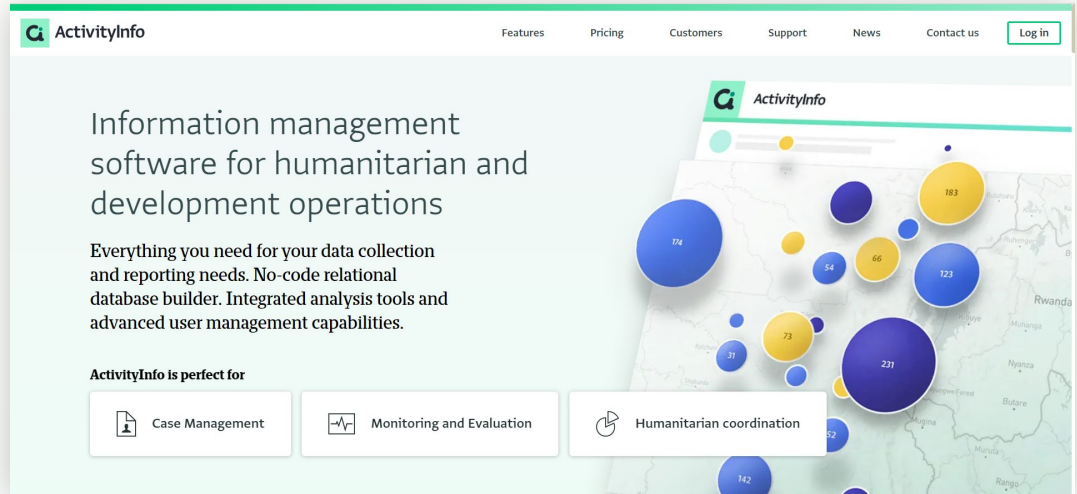


ActivityInfo

Presented by the ActivityInfo Team

All in one information management software for humanitarian and development operations

- Track activities, outcomes
- Beneficiary management
- Surveys
- Work offline/online



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ActivityInfo

Information management software for humanitarian and development operations

Everything you need for your data collection and reporting needs. No-code relational database builder. Integrated analysis tools and advanced user management capabilities.

ActivityInfo is perfect for

- Case Management
- Monitoring and Evaluation
- Humanitarian coordination

Meet your instructors



Jeric Kison

Customer Success Director
BeDataDriven



Victoria Many

Customer Education Specialist
BeDataDriven

Webinar Series

Calculated Tables

NOV 2

SESSION 1

Introduction to
Calculated Tables for
data analysis

NOV 9

SESSION 2

Office Hours -
Calculated Tables

Outline

01 Frequently Asked Questions on Calculated Tables

02 Q&A

03 Worked examples

04 Q&A and wrap-up

01

FAQs on Calculated Tables

FAQs on Calculated Tables

What happens when you create a calculated table? -Actions and results

Action

Result

Click 'Add Calculated table'

+ Add calculated table

The formula editor appears

Formula editor Cancel Done

Functions

Logical functions

- AND (56)
- EQUAL (==)
- NOT EQUAL (!=)
- NOT (!)
- OR (||)
- GREATER (>)
- GREATER OR EQUAL (>=)
- LESS (<)
- LESS OR EQUAL (<=)
- TF

Calculated table name

Enter the name here...

Enter your formula here...

Forms

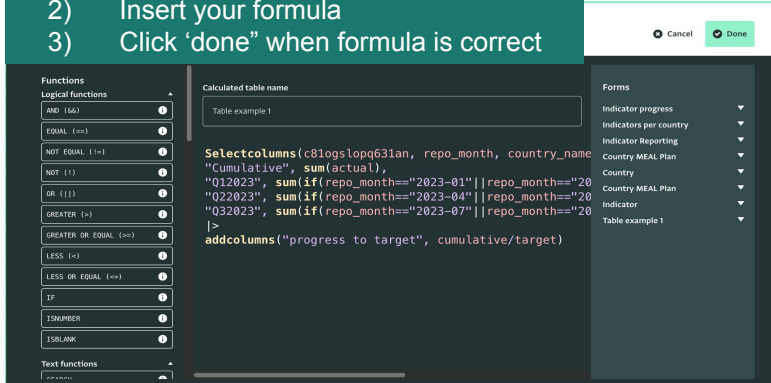
- Indicator progress
- Indicators per country
- Indicator Reporting
- Country MEAL Plan
- Country
- Country MEAL Plan
- Indicator
- Table example 1

FAQs on Calculated Tables

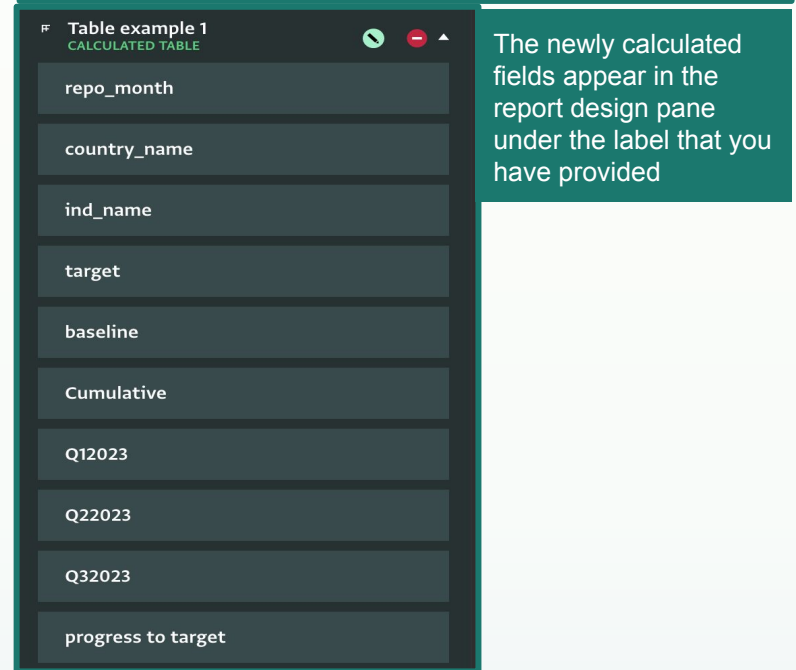
What happens when you create a calculated table?-Actions and results

Action

- 1) Label your Calculated table
- 2) Insert your formula
- 3) Click 'done' when formula is correct



Result



The newly calculated fields appear in the report design pane under the label that you have provided

Table example 1 CALCULATED TABLE
repo_month
country_name
ind_name
target
baseline
Cumulative
Q12023
Q22023
Q32023
progress to target

FAQs on Calculated Tables

What happens when you create a calculated table?-Actions and results

Action

Drag the fields as measures, rows or column dimensions

Report design

Table example 1
CALCULATED TABLE

- repo_month
- country_name
- ind_name
- target
- baseline
- Cumulative
- Q12023
- Q22023
- Q32023
- progress to target

Measures

- QUANTITY target
MAX
- QUANTITY baseline
MAX
- QUANTITY Cumulative
SUM
- QUANTITY Q12023
SUM
- QUANTITY Q22023
SUM
- QUANTITY Q32023
SUM
- QUANTITY progress to target

Result

This creates a table, a chart, a graph, or display your analysis in the format that you have selected

Select visualization

indicator name	target	baseline
# of direct beneficiaries	5000	1000
# of facilities supported	800	0
# of indirect beneficiaries	8000	1000
# of items distributed	700	100



02

Q&A

03

Worked examples

Worked example

Adding and Selecting columns

- Scenario: Calculating the progress made towards a specified target
 - Number of direct beneficiaries are reported quarterly
 - Number of indirect beneficiaries are reported quarterly
 - Number of facilities supported are reported quarterly
 - Number of items distributed are reported quarterly
- Analysis requirements
 - Reports required by donor are to contain analysis and visualization of quarterly performance against set targets
- Approach
 - Use a combination of `SELECTCOLUMNS`, `SUM` and `ADDCOLUMNS` to select, aggregate, and compute the progress towards a target by summarizing quarterly data and calculating the cumulative sum in the given dataset, facilitating an evaluation of performance against predefined baselines.

Worked example

Questions answered with the worked example

- How does the "Selectcolumns" function work, and why are these specific columns selected?
- What is the purpose of the "Cumulative" column, and how is it calculated?
- Could you explain the logic behind the quarterly calculations ("Q12023", "Q22023", "Q32023") and how they're determined?
- What does the "progress to target" column represent, and how is it calculated?
- Are there variations or modifications to this formula for different types of analyses or datasets?
- How can we apply the results of this analysis in real-world scenarios or decision-making processes?



Q&A