ActivityInfo

Office Hour - Calculated Tables

Starting shortly, Please wait!
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
Meet your instructors

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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
FAQs on Calculated Tables
FAQs on Calculated Tables

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

**Action**

Click ‘Add Calculated table’

**Result**

The formula editor appears
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.
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

**Result**

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

<table>
<thead>
<tr>
<th>indicator name</th>
<th>target</th>
<th>baseline</th>
</tr>
</thead>
<tbody>
<tr>
<td># of direct beneficiaries</td>
<td>5000</td>
<td>1000</td>
</tr>
<tr>
<td># of facilities supported</td>
<td>800</td>
<td>0</td>
</tr>
<tr>
<td># of indirect beneficiaries</td>
<td>8000</td>
<td>1000</td>
</tr>
<tr>
<td># of items distributed</td>
<td>700</td>
<td>100</td>
</tr>
</tbody>
</table>
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?