Starting shortly

Please wait!

ActivityInfo

Discover the power of Calculated measures in ActivityInfo

Follow along with this demo database:
https://www.activityinfo.org/app#templates/cnz94wolktotyjl3p3

ActivityInfo

Meet your instructors

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Calculated Measures Webinar Series

1

Understanding formulas and Pivot Tables for Calculated measures in ActivityInfo

July 26

2

Discover the power of Calculated measures in ActivityInfo

Aug 2

3

Unleashing data insights - Office hour session on Calculated measures in ActivityInfo

Aug 9

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Presentation outline

Overview

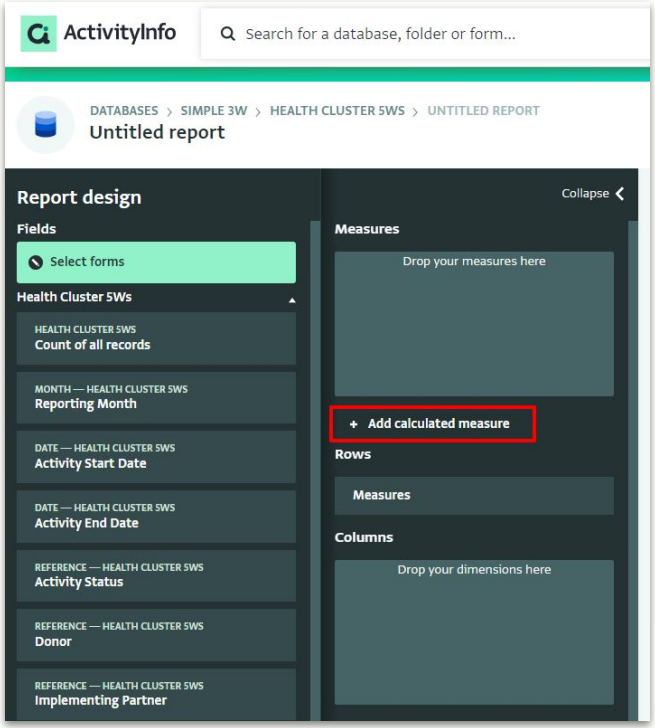
- Explaining calculated measures
- Using calculated measures in ActivityInfo
  - Use case presentation
- Audience practice
- Q&A

Expanding the analytical capabilities of Pivot Tables with Calculated Measures

Explaining calculated measures

Creating a calculated measure

Calculated measures are added in Pivot Tables

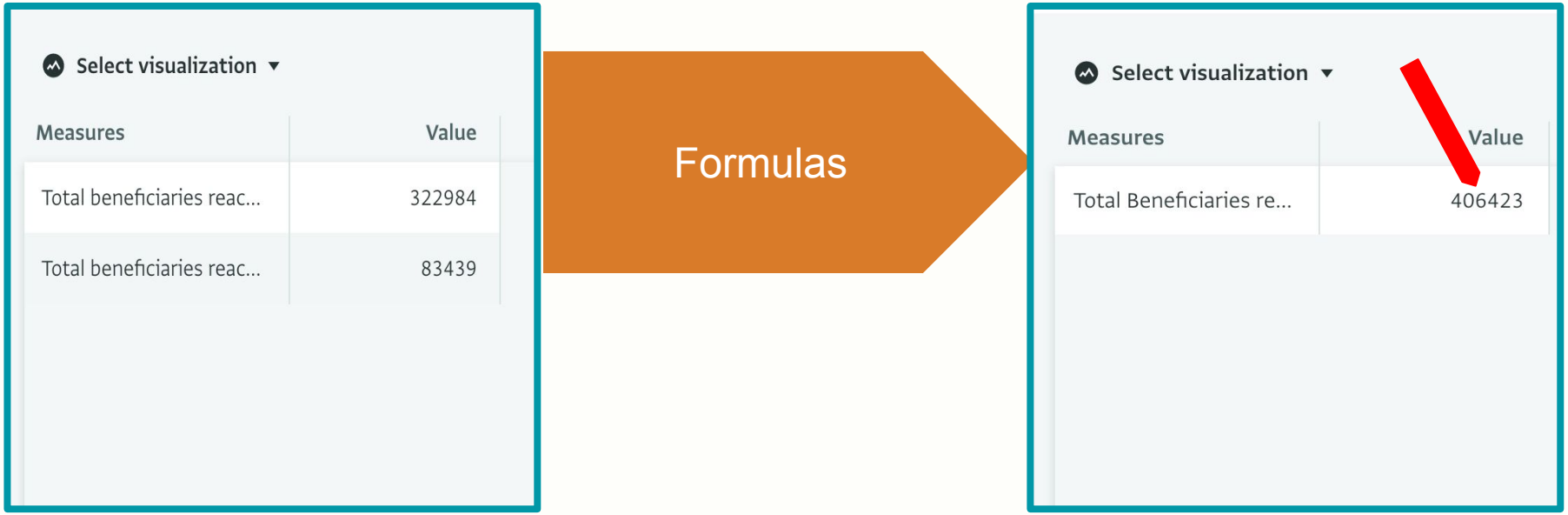


Explaining calculated measures

Formulas, Pivot tables and Calculated measures

Pivot tables

Calculated measures



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Introducing Calculated Measures

Expanding your analysis

When you create a calculated measure, you add a new measure to your data model that goes beyond the fields already added to your forms.

Calculated measures are not bound by row context, thus opening up a range of new analytical possibilities.

Introducing Calculated Measures

Expanding your analysis

When you create a Calculated Measure, you can:

- ✓ **Combine data** from different forms into one measure
- ✓ Use **different types of aggregations** together in the same measure
- ✓ **Aggregate data multiple times** at different levels
- ✓ Apply an **explicit filter** to run a calculation on a subset of data

Introducing Calculated Measures

Supported functions

Aggregation

- SUMX
- AVERAGEX
- COUNTX
- COUNTDISTINCTX
- MINX
- MAXX

Syntax

```
(Table, Expression)
```

Introducing Calculated Measures

Supported functions

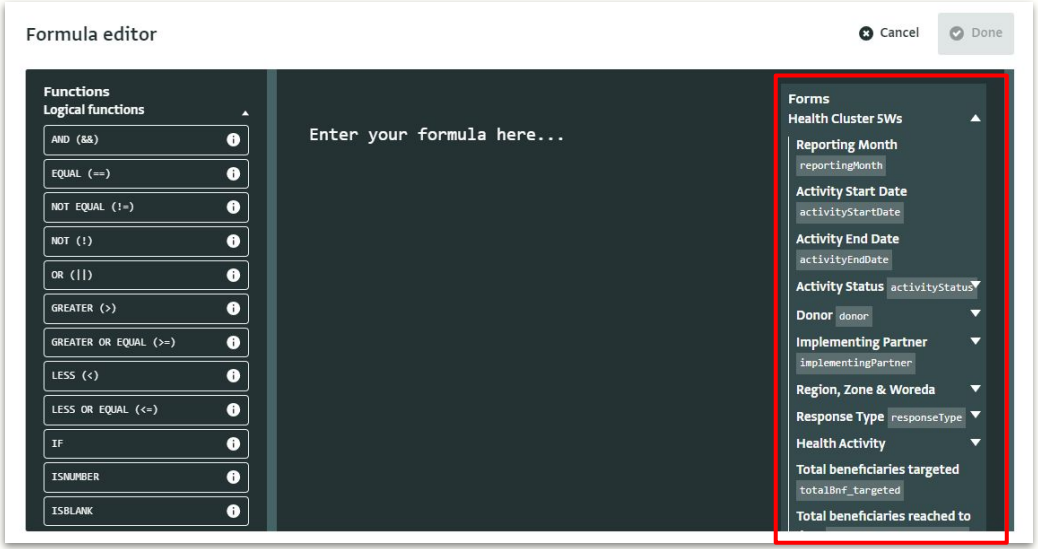
Table

- SUMMARIZE
- UNION
- SELECTCOLUMNS
- PIVOTLONGER

Introducing Calculated Measures

Creating a calculated measure

In the formula editor, you will see *both* the list of forms *and* the fields in each form



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Introducing Calculated Measures

Quiz

What is the correct formula to aggregate the total number of beneficiaries reached in the WASH and Health cluster?

A) SUMX(WASH form, totalBnfReached) + SUMX(health form, totalBnfReached)

B) COUNTX(WASH form, totalBnfReached) + COUNTX (health form, totalBnfReached)

C) AVERAGEX(WASH form, totalBnfReached) + AVERAGEX (health form, totalBnfReached)

D) MINX(WASH form, totalBnfReached) + MINX (health form, totalBnfReached)

Demo :Use case 1&2

Demo-Use case 3

Introducing Calculated Measures

Quiz

For calculated measures, how would you define the context for your data analysis?

A. Using advanced scripting languages with complex syntax.
B. Relying on gut feelings and intuition to set the context.
C. Always relying on measures to conduct an initial analysis of the data set in order to define context
D. Selecting a form from the list or utilizing one of the table functions

Introducing Calculated Measures

Audience practice

Using the demo database, can we try to find:

1. Find the ratio of girls to boys in the WASH form
2. Ratio of IDPs to non IDPs

For WASH form
For Health form

Q&A

Up next

A Q&A session on calculated measures

Unleashing data insights - Office hour session on Calculated measures in ActivityInfo

Aug 9

What we'll cover:

- Interactive Q&A to address participants' questions
- Equipping attendees with the knowledge to effectively use calculated measures in their databases
- Opportunities to build proficiency in calculated measures and unlock the full potential of data in your ActivityInfo database

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Feedback