TABLEAU CONFERENCE
Calculations Survival Guide

Esther Aller
she/her/hers
Senior Technical Support Engineer
Tableau

James Ryan
he/him/his
Senior Technical Support Engineer
Tableau

#data19
Seed Banks Safeguard our Crops
Don’t Get Lost in the Woods
Safety Rules

Don’t Run From Bears

Don’t be afraid to break things

Don’t Eat Random Berries

Identify the Problem First

Have a Lighter? Use It!

Let Tableau Do the Work
Troubleshooting View

Build the view

Break Apart the calculation

Verify the data
Troubleshooting View

Build the view

Break Apart the calculation

Verify the data

Calculation 1

{ FIXED [Country] : SUM (IF [Fuel Type] = 'Hydro' THEN 1 ELSE 0 END ) }
Troubleshooting View

- Build the view
- Break Apart the calculation
- Verify the data

1 / 2 + 3 = 3.5
1 / (2 + 3) = 0.2
Concepts to keep in mind

Scope
• WHAT is the grouping?

Aggregation
• HOW do we combine grouped data?

Order of Operations
• WHEN do these things occur?
  
  \[ \frac{1}{2 + 3} = 0.2 \]

• Inner to outer

• SCFDAT
  Seriously, Come For Dinner At Two
Source filters
Context filters
FIXED
Dimensions
Aggregations
Table Calculations
Summary
If You Remember Nothing Else

- Work to understand the root cause by isolating just the issue

- Search “Calculations Survival Guide” on Tableau Forums or Tableau Public

- Seriously, come for dinner at two

![Diagram showing the process of building, breaking apart, and verifying with arrows between Build, Break Apart, and Verify sections.]

- Extract Filters
- Data Source Filters
- Context Filters
- Dimension Filters
- Measure Filters
- Table Calc Filters

- Sets, conditional filters, top N, Fixed LOD
- Include/Exclude LOD, data blending
- Forecasts, table calc, clusters, totals
- Trend lines, reference lines
Calculation Concepts

Scope
Calculation Methods: What, When, Why?
- Thursday - 10:30am to 12:31pm

Across or Down? Solving the Tableau Table Calculations Puzzle
- Thursday - 12:45pm to 1:46pm

Table Calcs for the Advanced Analyst
- Thursday - 10:30am to 12:31pm

Give Us the Deets: LOD Calcs for New Tableau Users
- Wednesday - 4:00pm to 5:01pm

Order of Operations
Get Your Tableau Operations in Order!
- Thursday - 10:30am to 11:31am

Tips & Tricks
Zen Master: Tableau Speed Tipping
- Thursday - 12:15pm to 1:16pm
Please complete the session survey in the mobile app.

View ‘My Evaluations’ in the menu or find your session under ‘Schedule’.
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Thank You