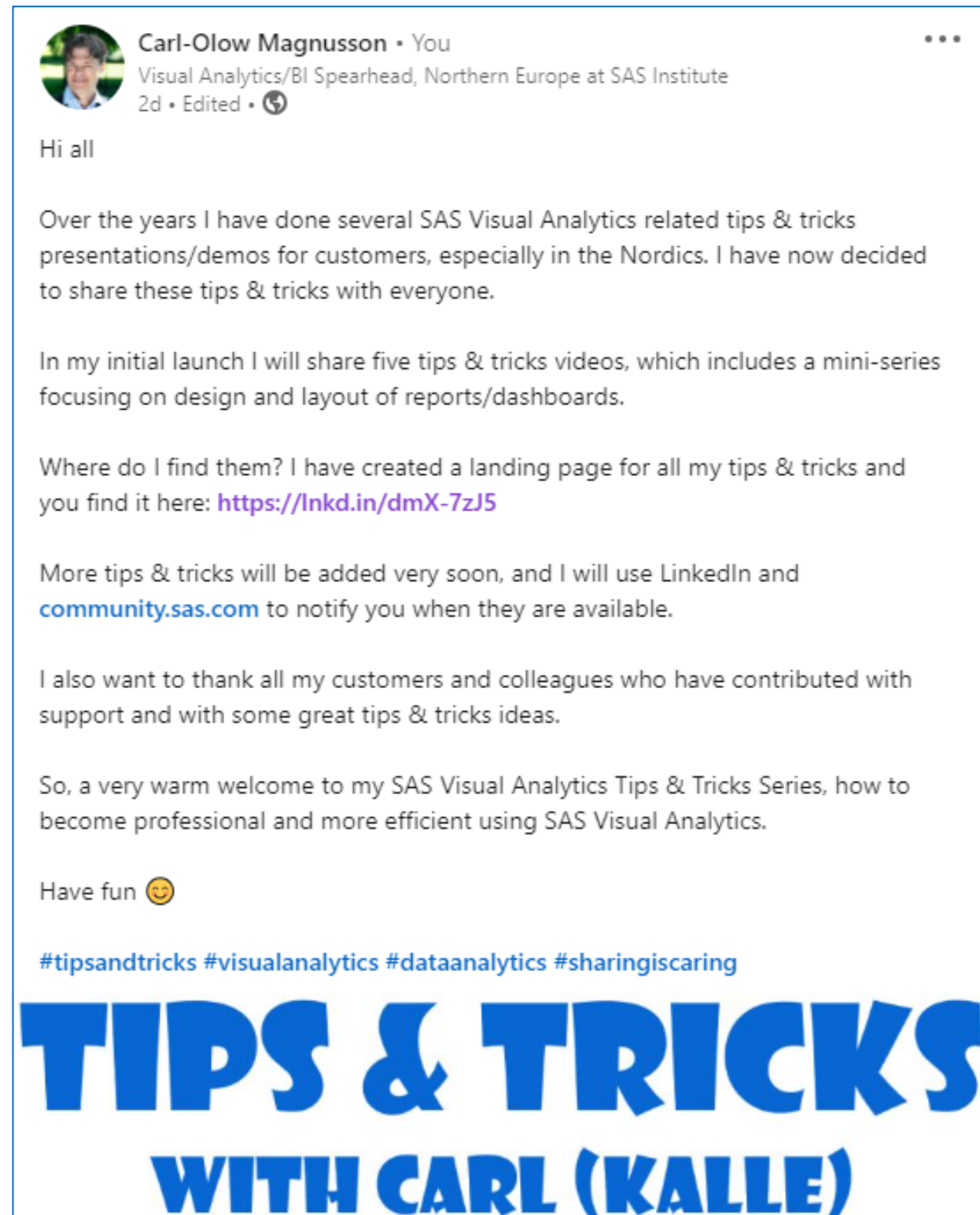


My SAS Visual Analytics Tips & Tricks Series



Carl-Olow Magnusson • You
Visual Analytics/BI Spearhead, Northern Europe at SAS Institute
2d • Edited • 🌐

Hi all

Over the years I have done several SAS Visual Analytics related tips & tricks presentations/demos for customers, especially in the Nordics. I have now decided to share these tips & tricks with everyone.

In my initial launch I will share five tips & tricks videos, which includes a mini-series focusing on design and layout of reports/dashboards.

Where do I find them? I have created a landing page for all my tips & tricks and you find it here: <https://lnkd.in/dmX-7zJ5>

More tips & tricks will be added very soon, and I will use LinkedIn and community.sas.com to notify you when they are available.

I also want to thank all my customers and colleagues who have contributed with support and with some great tips & tricks ideas.

So, a very warm welcome to my SAS Visual Analytics Tips & Tricks Series, how to become professional and more efficient using SAS Visual Analytics.

Have fun 😊

#tipsandtricks #visualanalytics #dataanalytics #sharingiscaring

TIPS & TRICKS WITH CARL (KALLE)

Main landing page for the entire series

<https://communities.sas.com/t5/SAS-Communities-Library/SAS-Visual-Analytics-Tips-and-Tricks-Series-Main-Page/ta-p/899113>

SAS Visual Analytics on Viya 4

Enhanced Report Parameters (Dynamic Parameters)

SAS Visual Analytics version: 2024.05

PPT version: 2.10 (2024-06-04)

Viya 4



Carl-Olow Magnusson - Senior Visualization Advisor



Enhanced Report Parameters (Dynamic Parameters)

The number one feature I've been waiting for 😊



Finally, it's here → May release 2024 (2024.05)

Enhanced Report Parameters (Dynamic Parameters)

Why all this excitement? 😊



The Holy Grail for benchmarking
use-cases...

... and more!

Enhanced Report Parameters (Dynamic Parameters)

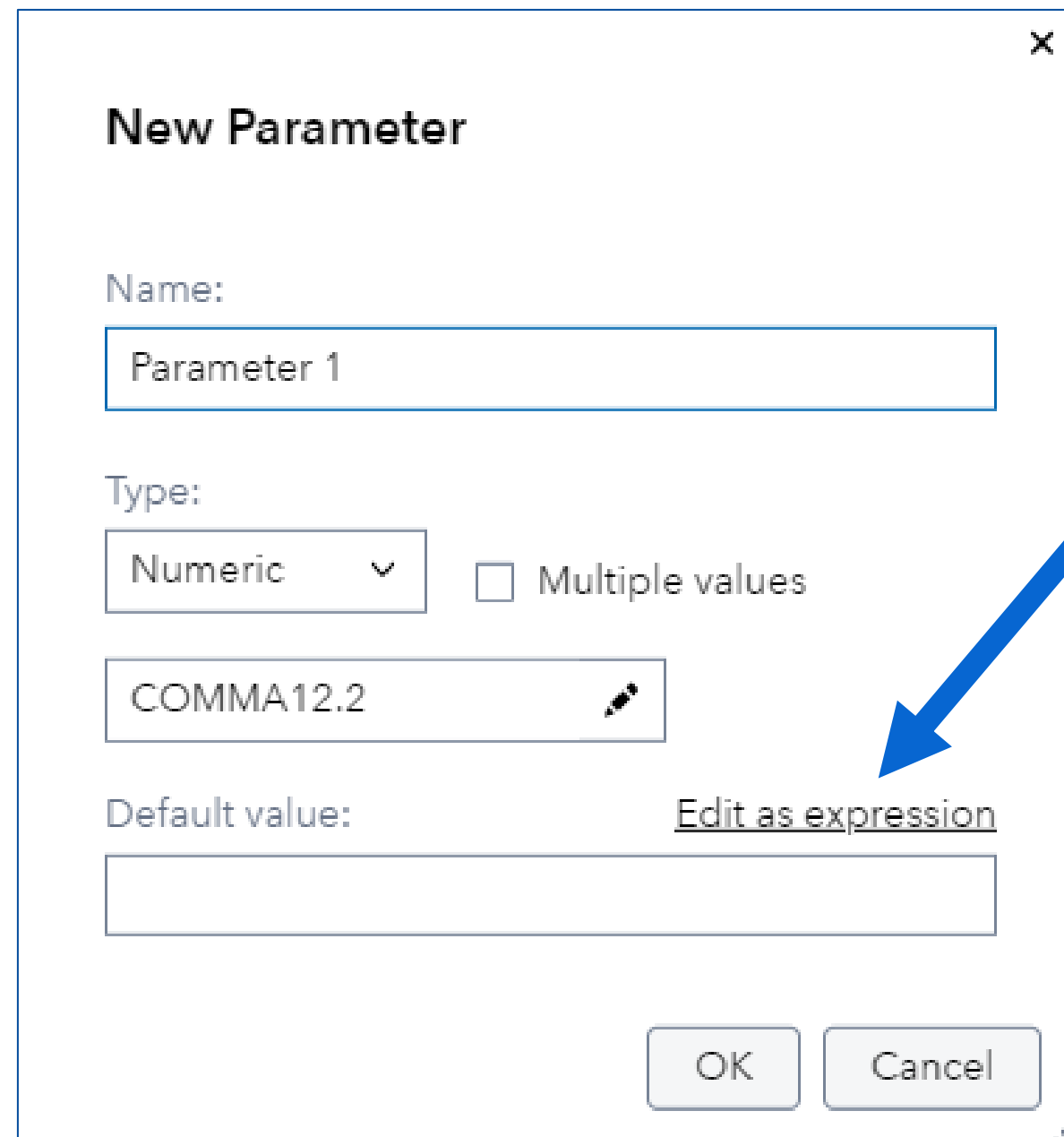
Why is this important?

- Enhanced parameters allow you to store data values using an expression, and use them in calculations, filters, display rules etc.
- By default, enhanced parameters are immune against filters and actions (of course, data source filter will still impact enhanced parameter values)
- This will reduce the need to prepare data with different totals before loading it into CAS
- More to come...

Enhanced Report Parameters (Dynamic Parameters)

How does it work?

How to Create an *Enhanced* Parameter



New Parameter

Name: Parameter 1

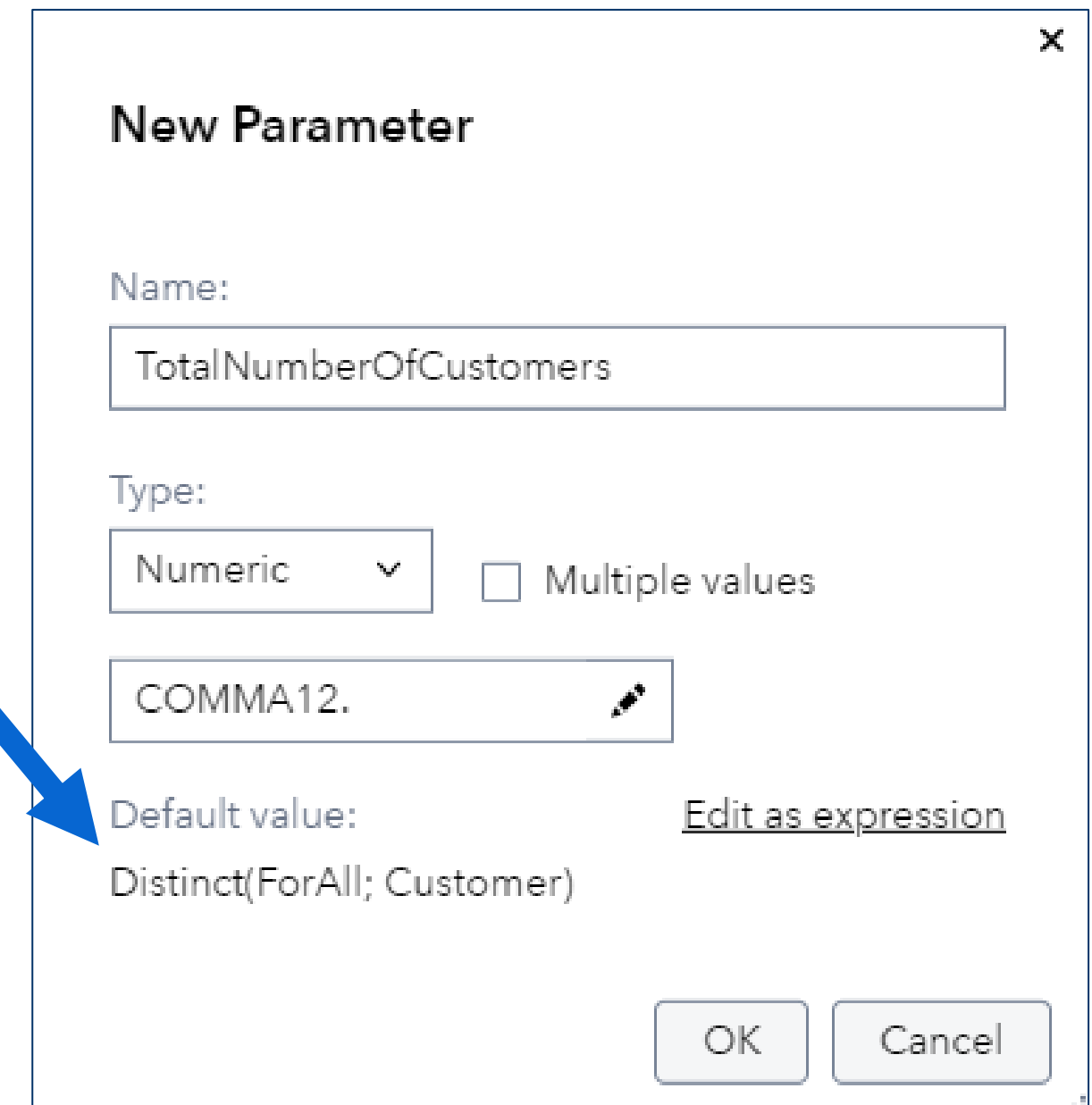
Type: Numeric Multiple values

COMMA12.2

Default value: Edit as expression

OK Cancel

Enhanced parameter means that we can link an expression to a parameter



New Parameter

Name: TotalNumberOfCustomers

Type: Numeric Multiple values

COMMA12.

Default value: Edit as expression
Distinct(ForAll; Customer)

OK Cancel

Enhanced Report Parameters (Dynamic Parameters)

How does it work?

Enhanced Parameter Expression Builder

You can add filters to impact the *Enhanced* Parameter value

Edit Parameter Value

Operators Functions Data

1 Sum(ForAll, 'Product Sale'n)

+ New filter

Advanced Filter 1

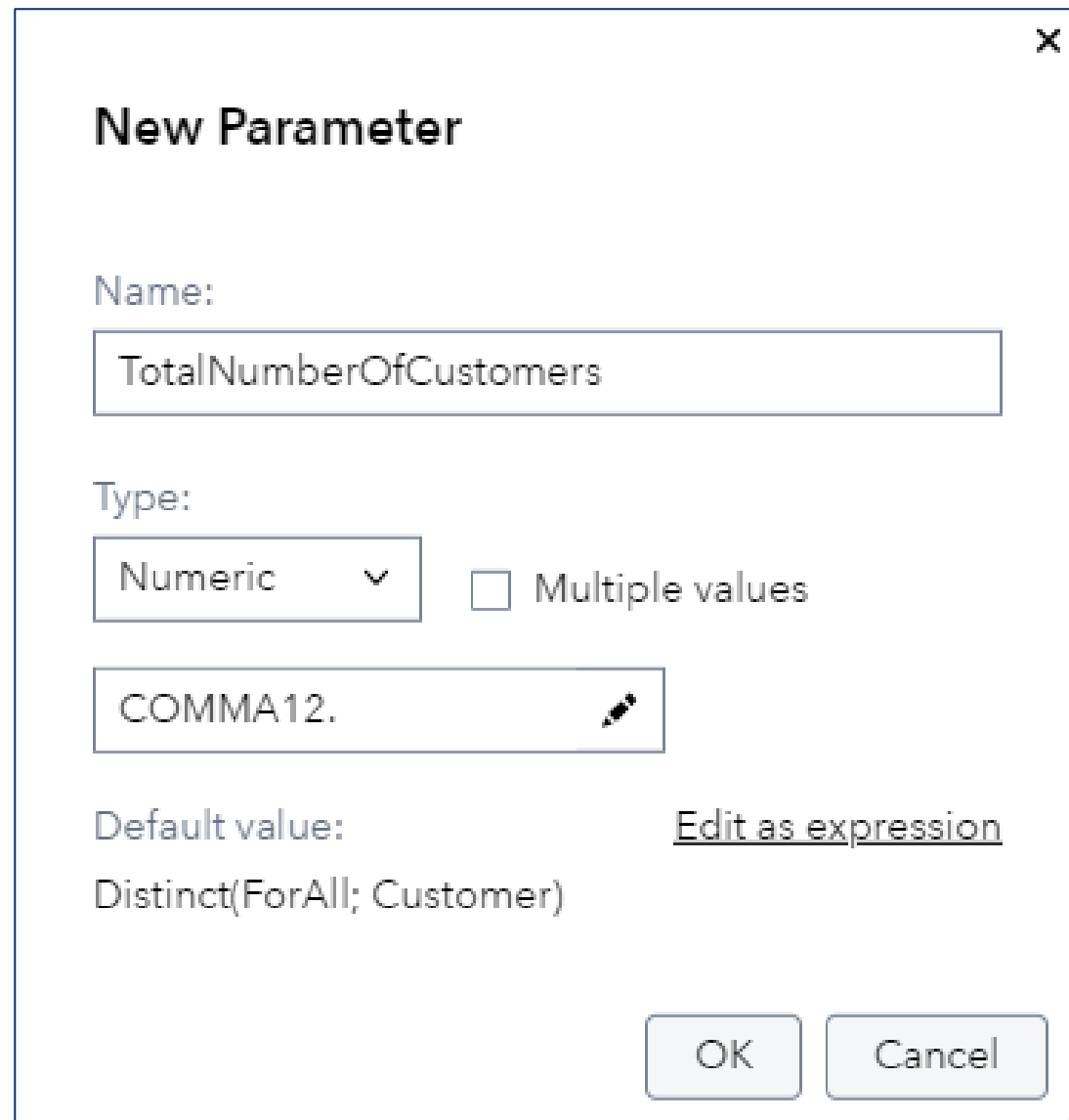
```
IF IsSet(ProductLineParameter)
  RETURN (Product Line =
ProductLineParameter)
ELSE (Product Line <> ProductLineParameter)
```

OK Cancel

In this example I'm checking if a control object is selected or not. If selected, the enhanced parameter value is filtered...

Enhanced Report Parameters (Dynamic Parameters)

How does it work?



New Parameter

Name:
TotalNumberOfCustomers

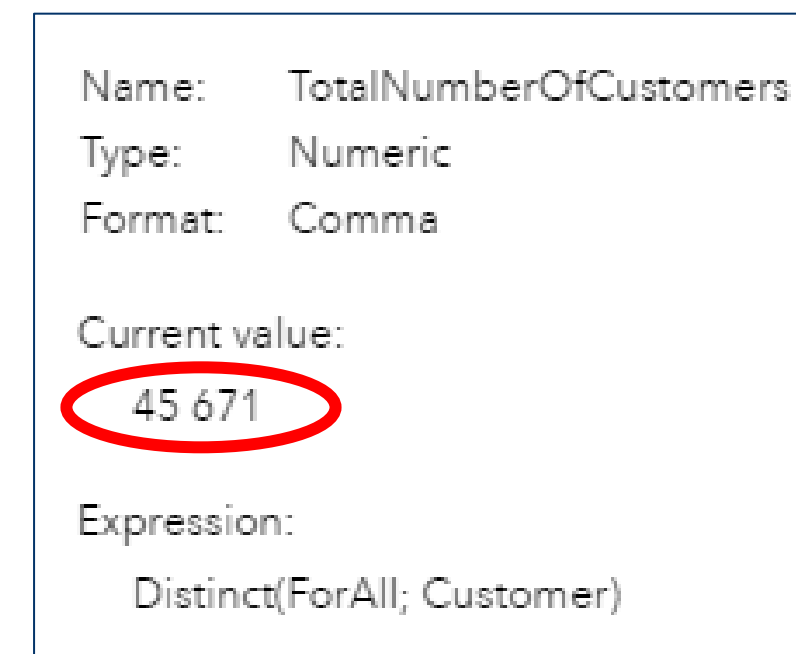
Type:
Numeric Multiple values

Format:
COMMA12.

Default value: [Edit as expression](#)
Distinct(ForAll; Customer)

OK Cancel

Expression result is stored as a parameter value



Name: TotalNumberOfCustomers
Type: Numeric
Format: Comma

Current value:
45 671

Expression:
Distinct(ForAll; Customer)

45 671 is the total number of distinct customers I have in my active data in VA

Enhanced Report Parameters (Dynamic Parameters)

How does it work?

Use *Enhanced* Parameter values in calculated data items = new possibilities...

Classic % of total calculation

Edit Calculated Item

Name: *

% of Total Product Sale (classic calculation)

Operators Functions Data New parameter

1 `Sum(ByGroup, 'Product Sale'n) / Sum(ForAll, 'Product Sale'n)`

% of total calculation using Enhanced Parameter

Edit Calculated Item

Name: *

% of Total Product Sale (using Enhanced Parameter)

Operators Functions Data New parameter

1 `Sum(ByGroup, 'Product Sale'n) / TotalProductSale`

Enhanced Parameter
TotalProductSale is by default
immune against filters and actions

Edit Parameter

Name:
TotalProductSale

Type:
Numeric Multiple values

COMMA12.

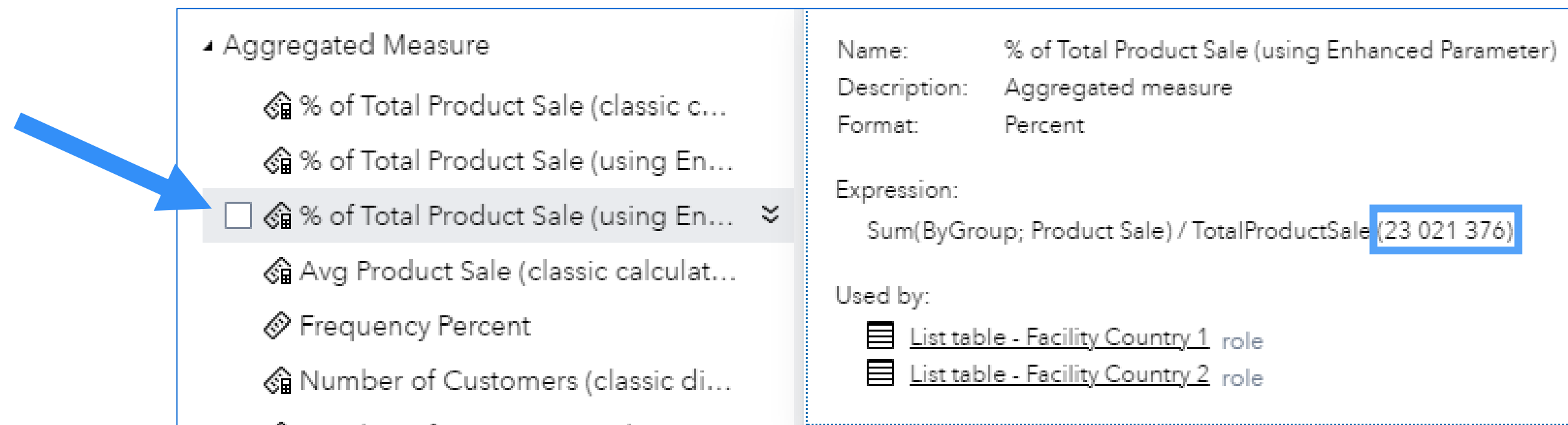
Default value: [Edit as expression](#)
Sum(ForAll; Product Sale)

OK Cancel

Enhanced Report Parameters (Dynamic Parameters)

How does it work?

If you hover over an expression that uses an *Enhanced* Parameter, you can actually see it's current parameter value as well...



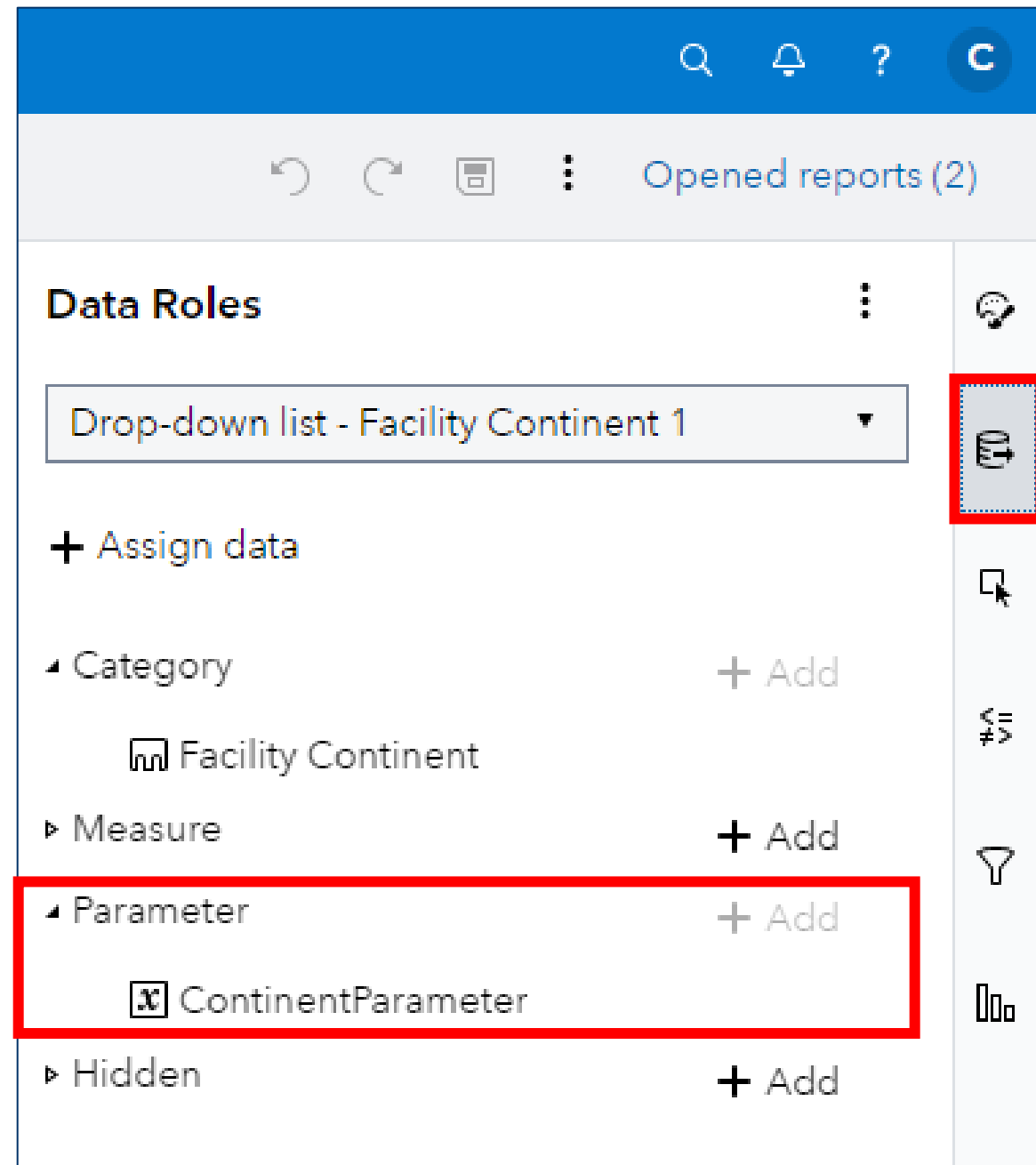
The screenshot shows a list of aggregated measures on the left and a detailed tooltip on the right. A blue arrow points to the third item in the list: "% of Total Product Sale (using En...". The tooltip on the right provides the following information:

- Name: % of Total Product Sale (using Enhanced Parameter)
- Description: Aggregated measure
- Format: Percent
- Expression: $\text{Sum}(\text{ByGroup}; \text{Product Sale}) / \text{TotalProductSale}$ (23 021 376)
- Used by:
 - List table - Facility Country_1 role
 - List table - Facility Country_2 role

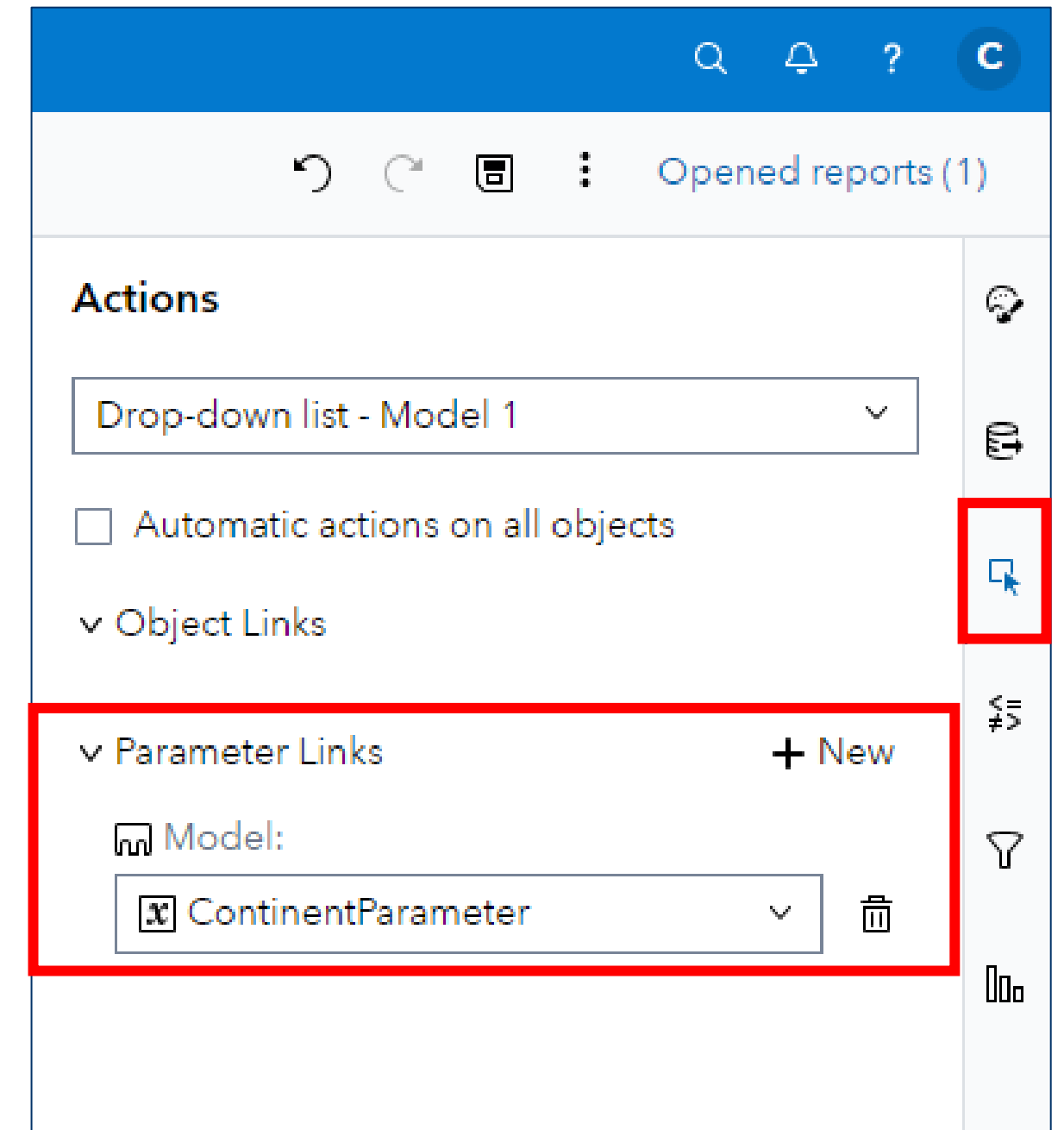
We have moved

This can be confusing if you are not aware of it 😊

Parameters are now assigned using the left action pane/menu (as of 2024.05)



This screenshot shows the 'Data Roles' pane in the SAS interface. The pane title is 'Data Roles' and it contains a dropdown menu set to 'Drop-down list - Facility Continent 1'. Below the dropdown are several sections: '+ Assign data', 'Category' (with a '+ Add' button and a sub-item 'Facility Continent'), 'Measure' (with a '+ Add' button), 'Parameter' (with a '+ Add' button and a sub-item 'ContinentParameter' which is highlighted with a red box), and 'Hidden' (with a '+ Add' button'). On the right side of the pane, there is a vertical toolbar with several icons; the top icon, which represents the 'Assign' action, is highlighted with a red box.



This screenshot shows the 'Actions' pane in the SAS interface. The pane title is 'Actions' and it contains a dropdown menu set to 'Drop-down list - Model 1'. Below the dropdown are several sections: 'Automatic actions on all objects' (with an unchecked checkbox), 'Object Links', 'Parameter Links' (with a '+ New' button and a sub-item 'Model:' containing a dropdown menu set to 'ContinentParameter' which is highlighted with a red box), and 'Hidden' (with a '+ Add' button). On the right side of the pane, there is a vertical toolbar with several icons; the icon representing the 'Assign' action is highlighted with a red box.

Enhanced Report Parameters (Dynamic Parameters)

Real use-cases from the field...

- Classic % of total pain
- Benchmark target value challenge
- Set initial values
- Specific filters that affect the total - using Enhanced Parameter filter option
- Bonus: Slider now accepts two parameters (min & max)



Slideshow Demo 😊

Classic % of total pain



Enhanced Parameters - The Holy Grail for Data Analysts

% of Total Use-Case

Facility Continent:

Product Brand:

Edit Calculated Item

Name: *

Operators Functions Data New parameter

1 `Sum(ByGroup, 'Product Sale'n) / Sum(ForAll, 'Product Sale'n)`

Facility Country

Select all

- Argentina
- Australia
- Brazil
- Chile
- China
- Colombia
- Denmark
- Egypt
- France
- Germany
- India
- Indonesia
- Israel
- Italy
- Japan
- Morocco
- New Zealand
- Saudi Arabia

Facility Country	Product Sale	% of Total Product Sale (classic calculation)	% of Total Product Sale (using Enhanced Parameter)
Argentina	223 414	1,0 %	1,0 %
Australia	479 695	2,1 %	2,1 %
Brazil	1 669 142	7,3 %	7,3 %
Chile	1 070 876		
China	140 487		
Colombia	761 669		
Denmark	492 724		
Egypt	207 747		
France			
Germany			
India			
Indonesia			
Israel			
Italy			
Japan			
Morocco			
New Zealand			
Nigeria			
Norway			
Peru			
Russia			
Saudi Arabia			
Sum:		100,0 %	Total: 100,0 %

Edit Parameter

Name:

Type: Numeric Multiple values

Default value: [Edit as expression](#)

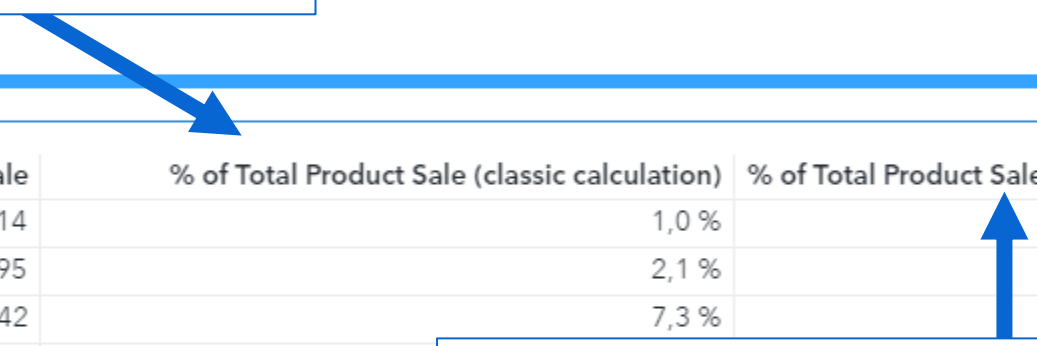
OK Cancel

Edit Calculated Item

Name: *

Operators Functions Data New parameter

1 `Sum(ByGroup, 'Product Sale'n) / TotalProductSale`



Enhanced Parameters - The Holy Grail for benchmarking use-cases?

% of Total Use-Case

Facility Continent: Product Brand: Product Line:

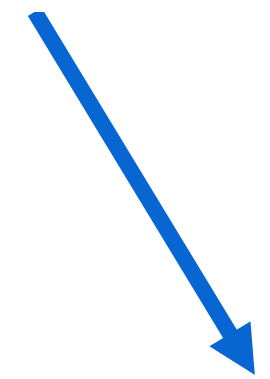
Facility Country

[Clear selection \(5\)](#)

- Denmark
- France
- Germany
- Italy
- Norway
- Spain
- Sweden
- United Kingdom

Facility Country	Product Sale	% of Total Product Sale (classic calculation)	% of Total Product Sale (using Enhanced Parameter)
Denmark	99 493	9,6 %	0,4 %
France	111 034	10,7 %	0,5 %
Germany	311 814	30,2 %	1,4 %
Norway	204 524	19,8 %	0,9 %
Sweden	306 354	29,7 %	1,3 %
Sum:	1 033 219	Total: 100,0 %	Total: 4,5 %

As you can see, the enhanced parameter is immune against all filters and actions...



Slideshow Demo 😊

Benchmark target value challenge
(Use-case from Renato Luppi)



Enhanced Parameters - The Holy Grail for benchmarking use-cases?

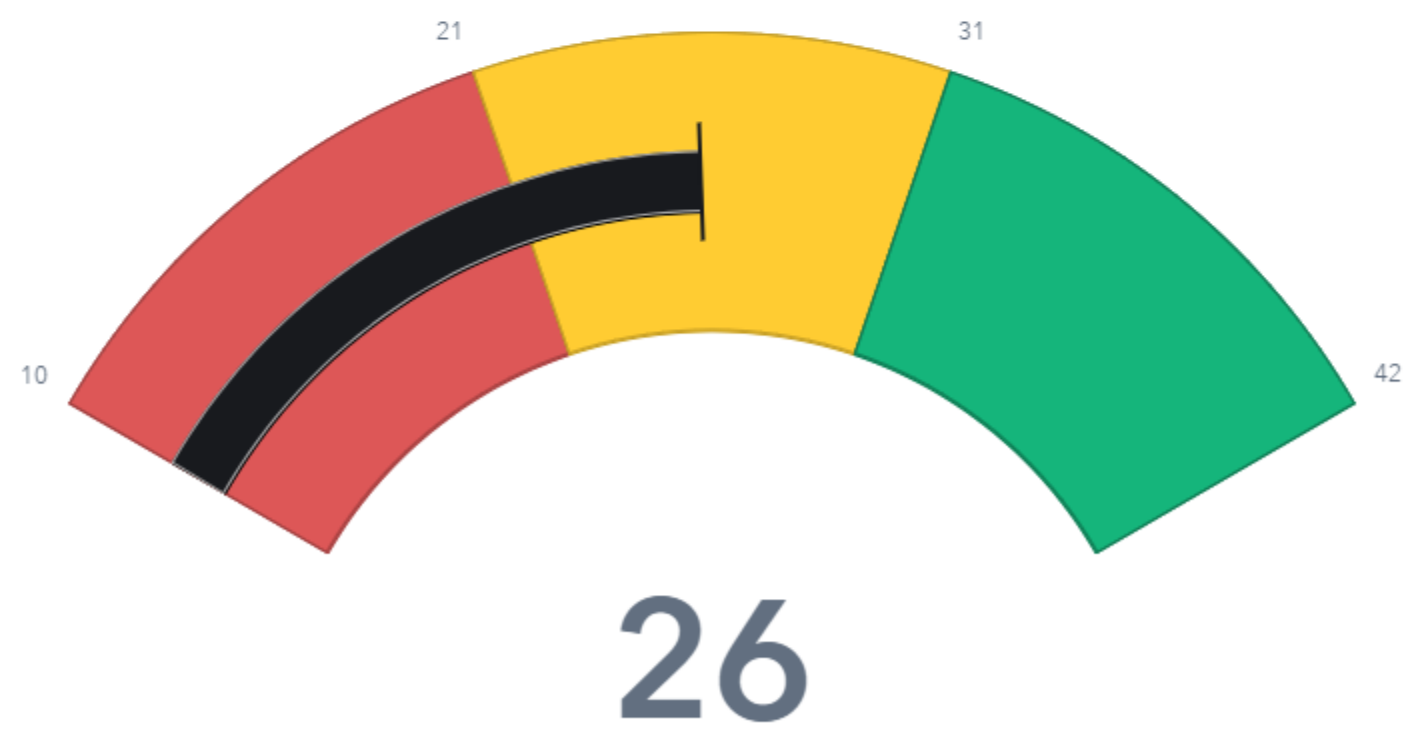
Target Values

Facility Continent
Facility Continent

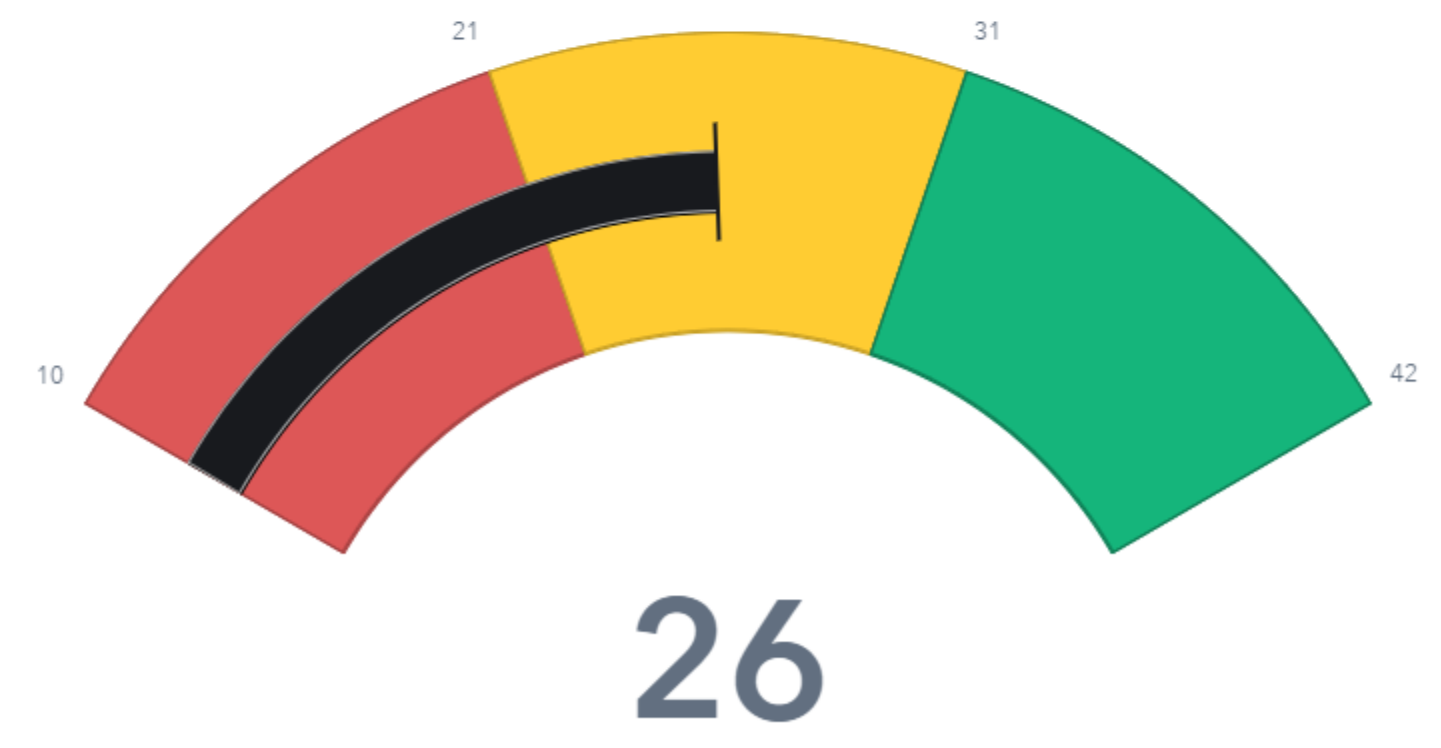
Product Line
Product Line

Transaction Year
2011 to 2023
2011 2023

Target Avg Product Sale (Classic Calculation)



Target Avg Product Sale (using Enhanced Parameter)



Enhanced Parameters - The Holy Grail for benchmarking use-cases?

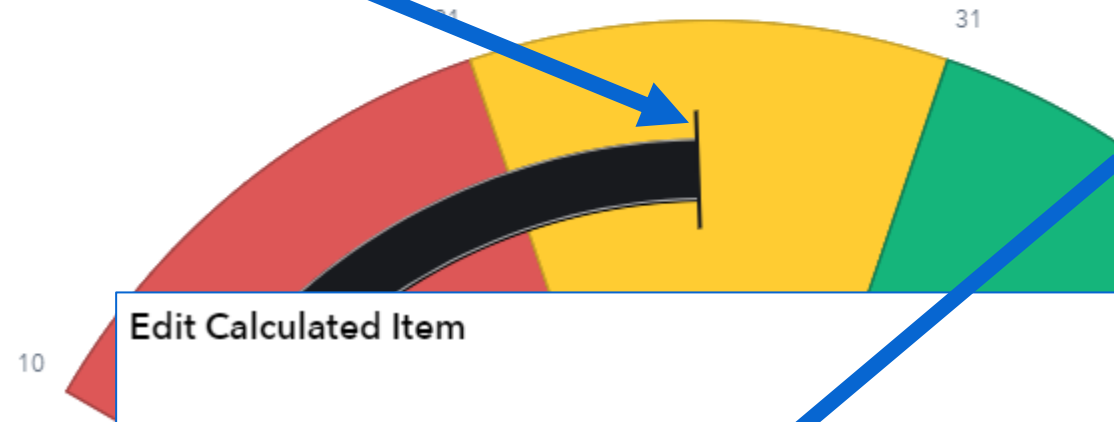
Target Values

Facility Continent: Facility Continent
Product Line: Product Line
Transaction Year: 2011 to 2023

Target Avg Product Sale (Classic Calculation)

Target Avg Product Sale (using Enhanced Parameter)

Two gauges with a target value assigned



Edit Calculated Item

Name: *
Target Avg Product Sale (Classic Calculation)

Operators Functions Data New parameter

1 Avg(ForAll, 'Product Sale'n)

Edit Calculated Item

Name: *
Target Avg Product Sale (using Enhanced Parameter)

Operators Functions Data New parameter

1 AvgProductSale

Edit Parameter

Name: AvgProductSale

Type: Numeric Multiple values

COMMA12.

Default value: Avg(ForAll; Product Sale) [Edit as expression](#)

OK Cancel

Enhanced Parameters - The Holy Grail for benchmarking use-cases?

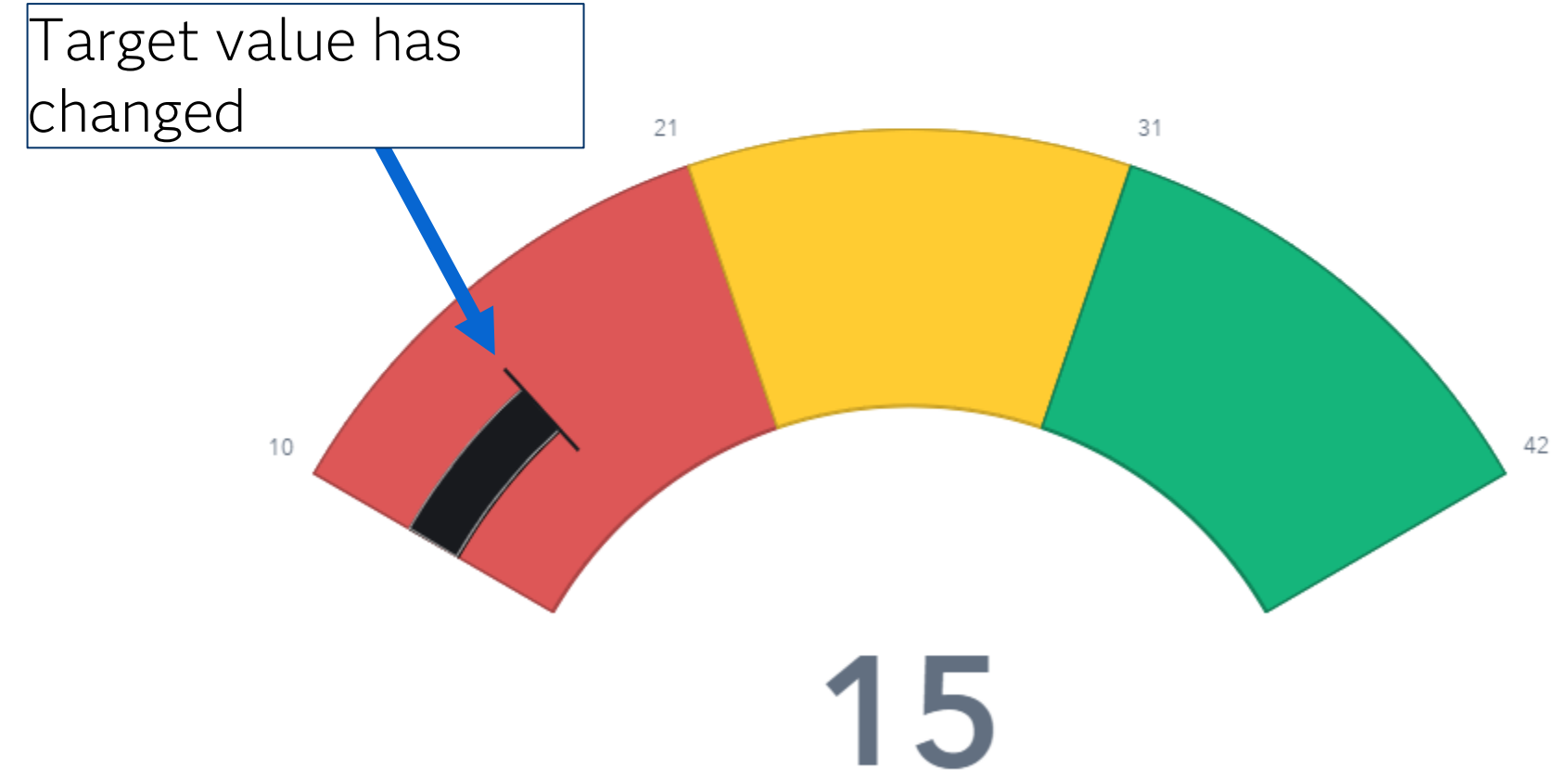
Target Values

Facility Continent
Europe

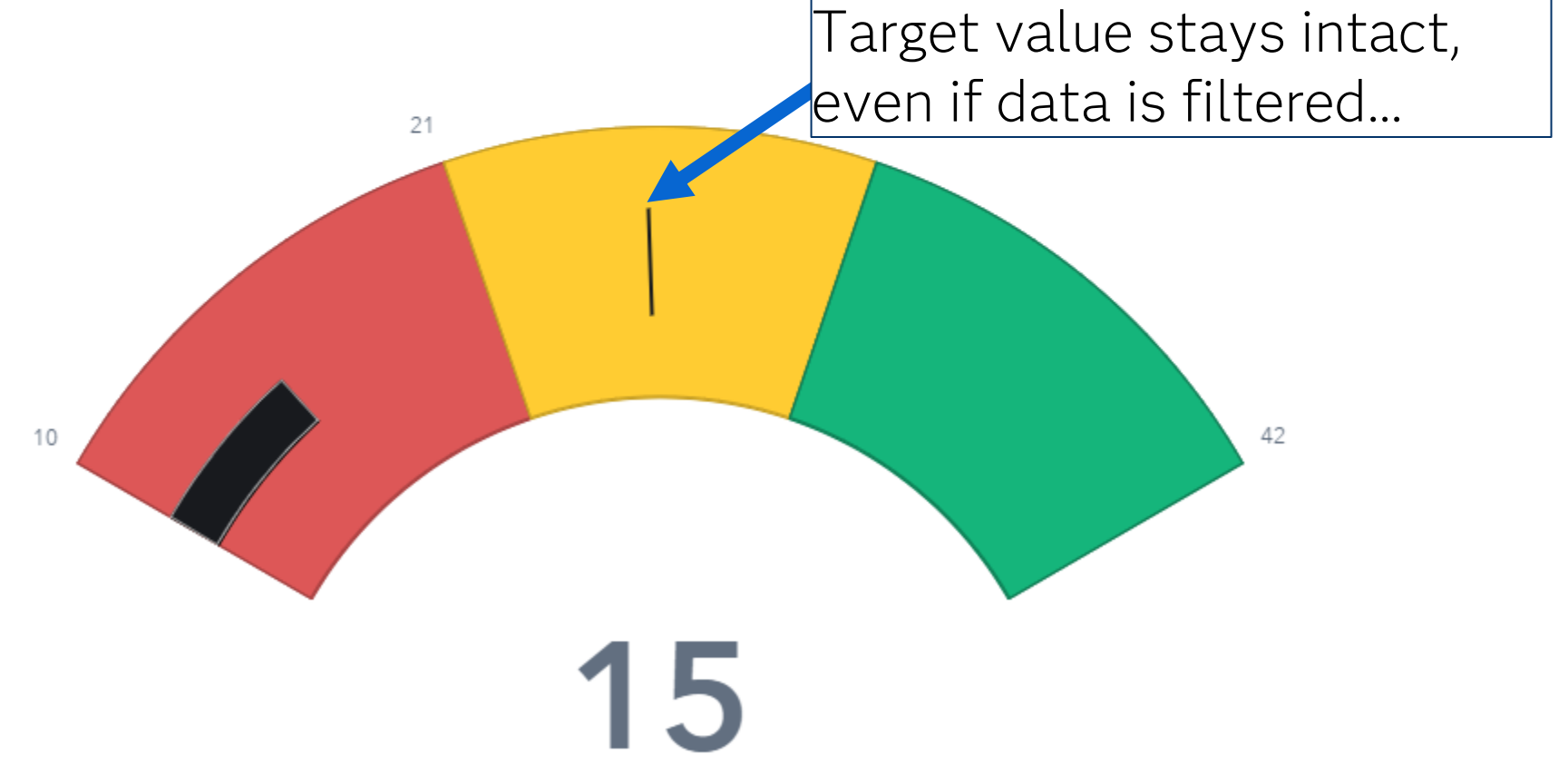
Product Line
Store

Transaction Year
2011 to 2013

Target Avg Product Sale (Classic Calculation)



Target Avg Product Sale (using Enhanced Parameter)



Slideshow Demo 😊

Set initial values

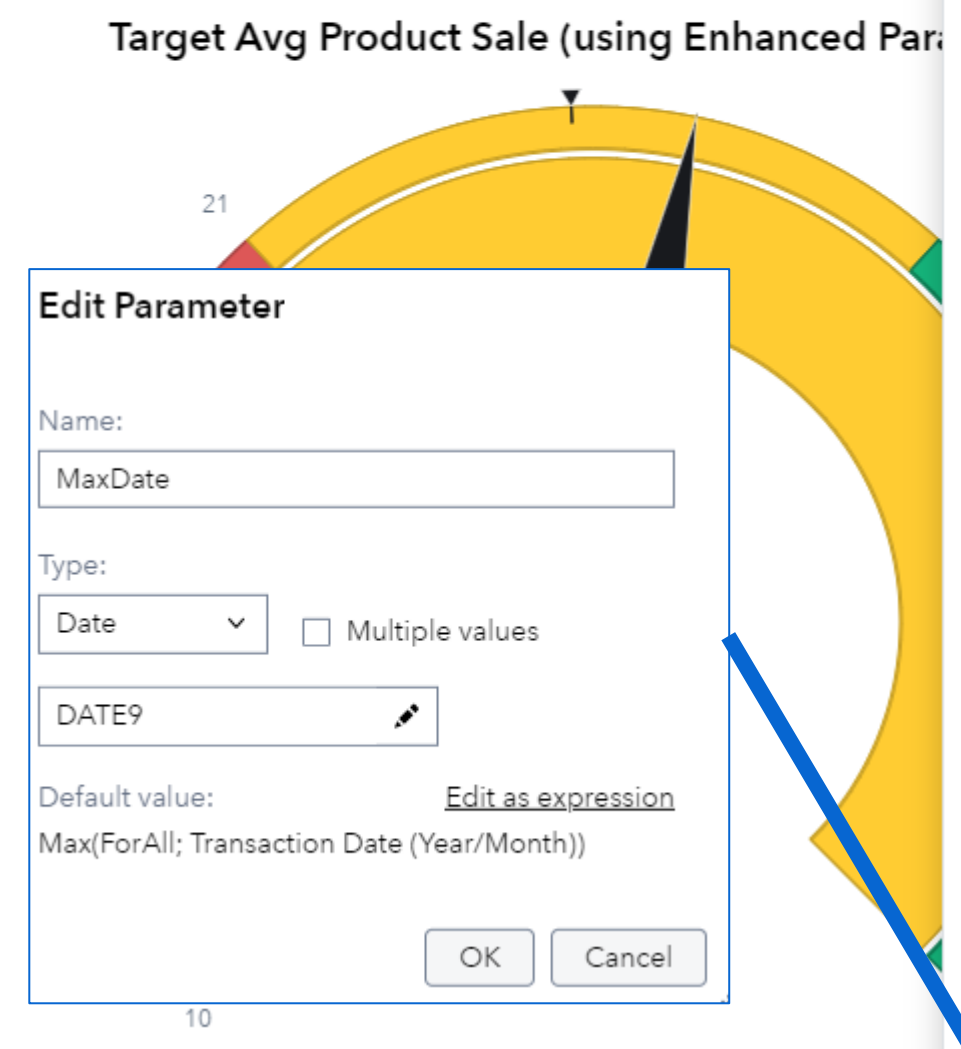
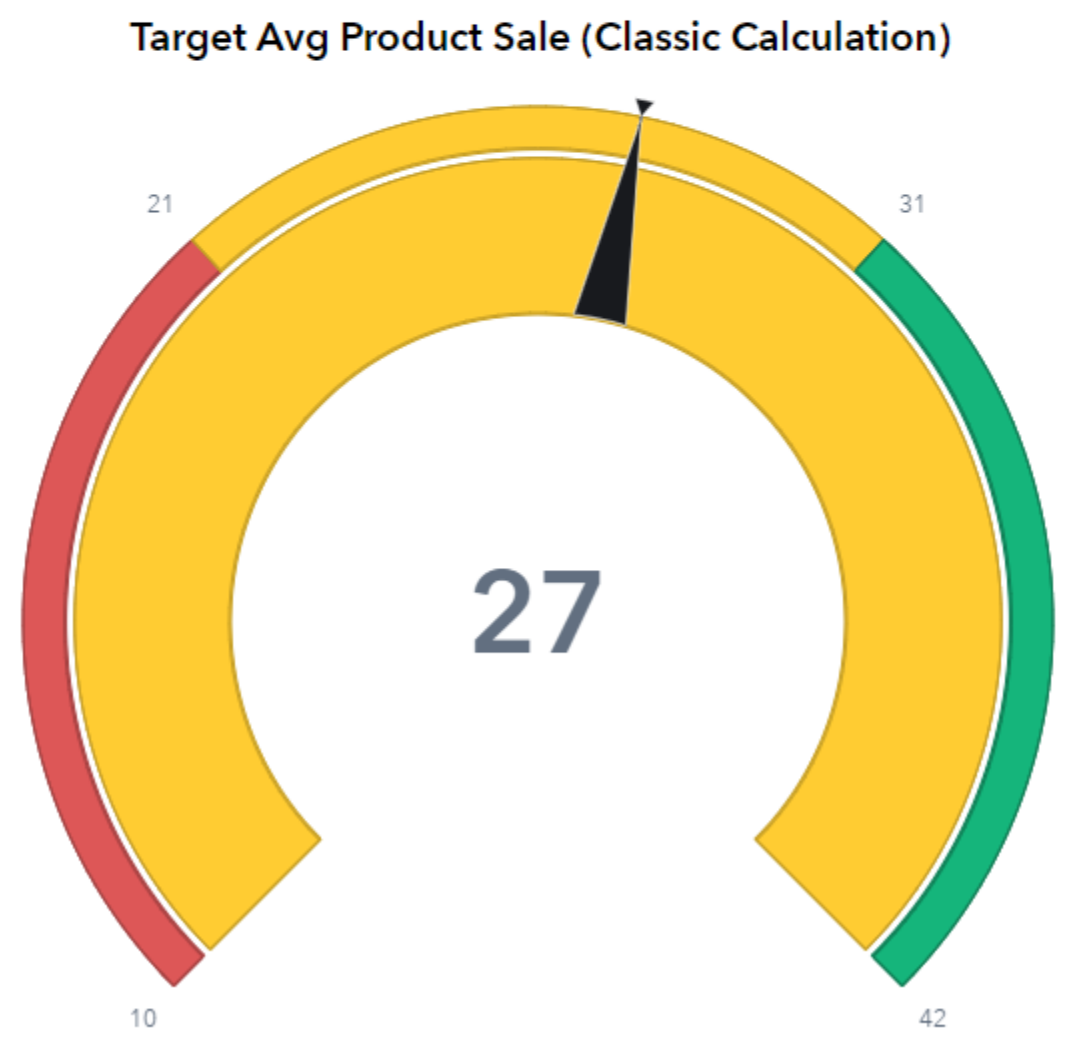


Enhanced Parameters - Other use-cases

Set Initial Values

Transaction Date (Year/Month)
 jan. 2011

Initial values in control objects can now be set using *Enhanced* Parameters...



Options

Drop-down list - Transaction Date (Year/M...
 Filter
 Style
 Font: AvenirNext
 10,5
 Background
 Border
 Padding
 Layout
 Width
 Specify width: 37,5 %
 Extend width if available
 Shrink width if necessary
 Height
 Specify height: Automatic
 Extend height if available
 Shrink height if necessary
 Drop-Down List
 Required
 Initial value: @
 Automatic
 MaxDate

Enhanced Parameters - Other use-cases

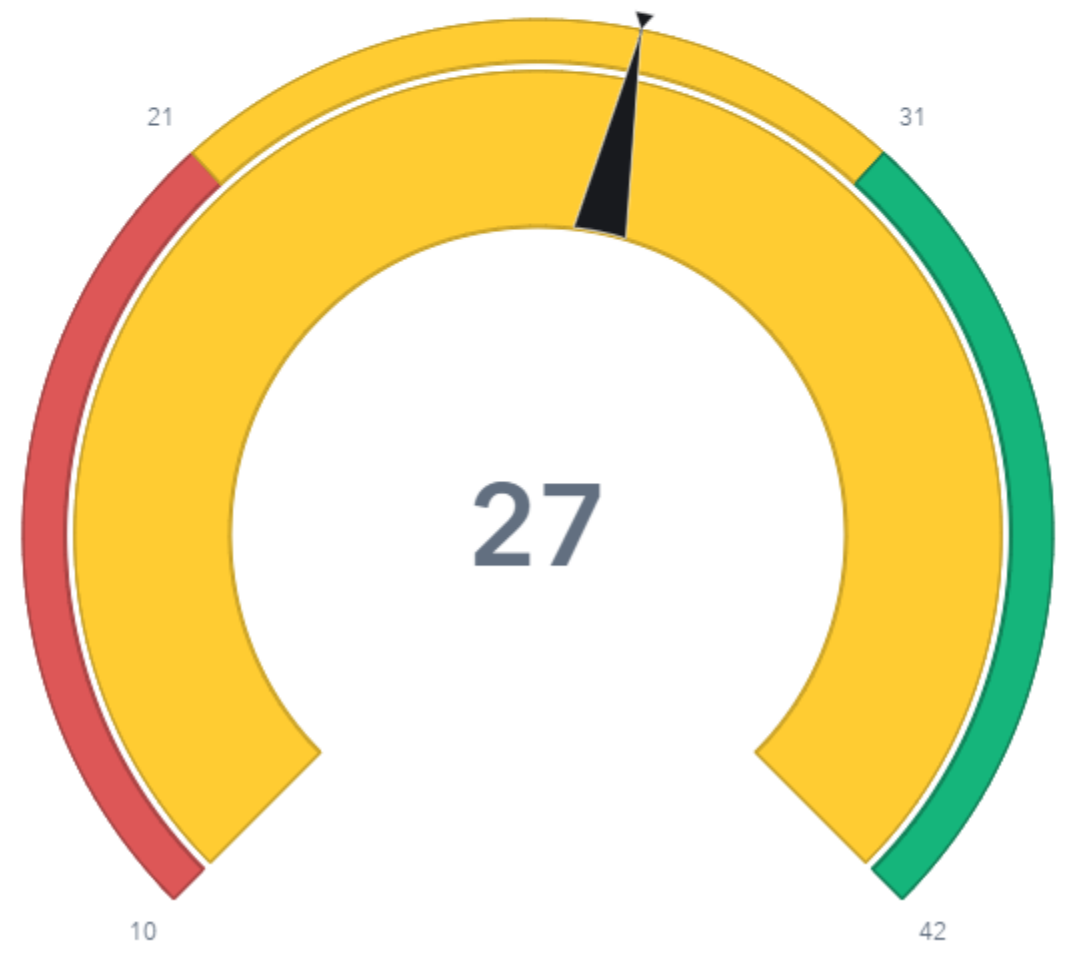
Set Initial Values

Transaction Date (Year/Month)
dec. 2023

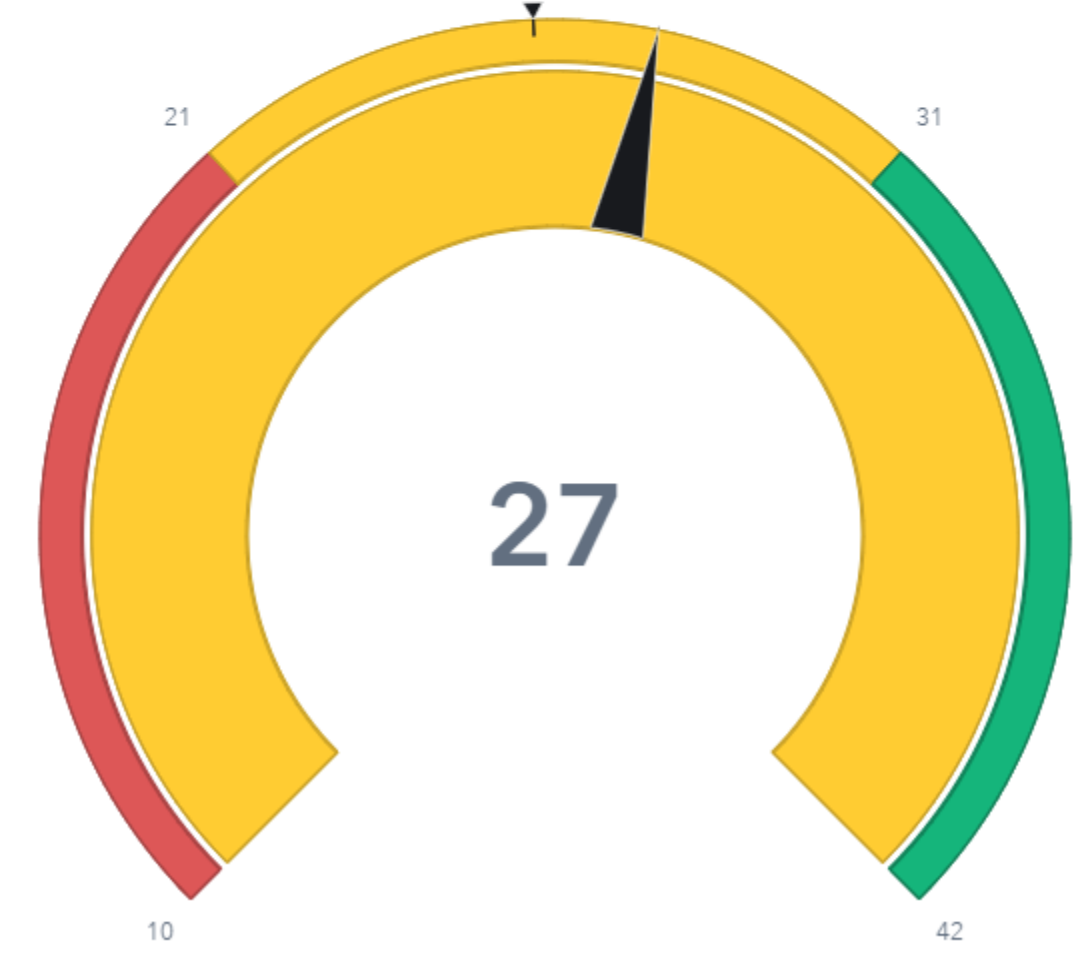
▼

December 31st 2023 is the current max date in my data...

Target Avg Product Sale (Classic Calculation)



Target Avg Product Sale (using Enhanced Parameter)



Slideshow Demo 😊

Specific filters that affect the total
Classic Approach



Enhanced Parameters - The % of Total Use-Case

This use-case is very similar to my first use-case, the only difference is that total Product Sale is impacted by the Product Line filter/prompt

Facility Continent:

Product Brand:

Product Line:

- Facility Country
-
- [Select all](#)
- Argentina
 - Australia
 - Brazil
 - Chile
 - China
 - Colombia
 - Denmark
 - Egypt
 - France
 - Germany
 - India
 - Indonesia
 - Israel
 - Italy
 - Japan
 - Morocco
 - New Zealand

Facility Country	Product Sale	% of Total Product Sale (classic calculation)	% of Total Product Sale (using Enhanced Parameter)	% of Total Product Sale (using Enhanced Parameter and Product Line Filter)
Argentina	223 414	1,0 %	1,0 %	1,0 %
Australia	479 695	2,1 %	2,1 %	2,1 %
Brazil	1 669 142	7,3 %	7,3 %	7,3 %
Chile	1 070 876	4,7 %	4,7 %	4,7 %
China	140 487	0,6 %	0,6 %	0,6 %
Colombia	761 669	3,3 %	3,3 %	3,3 %
Denmark	492 724	2,1 %	2,1 %	2,1 %
Egypt	207 747	0,9 %	0,9 %	0,9 %
France	583 330	2,5 %	2,5 %	2,5 %
Germany	1 591 235	6,9 %	6,9 %	6,9 %
India	56 696	0,2 %	0,2 %	0,2 %
Indonesia	59 034	0,3 %	0,3 %	0,3 %
Israel	65 226	0,3 %	0,3 %	0,3 %
Italy	1 004 142	4,4 %	4,4 %	4,4 %
Japan	121 247	0,5 %	0,5 %	0,5 %
Morocco	239 816	1,0 %	1,0 %	1,0 %
New Zealand	122 873	0,5 %	0,5 %	0,5 %
Nigeria	277 147	1,2 %	1,2 %	1,2 %
Norway	1 017 861	4,4 %	4,4 %	4,4 %
Peru	1 368 653	5,9 %	5,9 %	5,9 %
Russia	195 588	0,8 %	0,8 %	0,8 %
Sum:	23 021 376	Total: 100,0 %	Total: 100,0 %	Total: 100,0 %

Enhanced Parameter Introduction % of Total Use-Case Comparing with Target values Set Initial Values % of Total Use-Case (Filter) +

Enhanced Parameter % of Total Use-Case

I have created a new calculated data item "Product Sale (Filtered)" and as you can see, it will filter Product Sale if a Product Line has been selected (using the IsSet function)

Facility Continent
Facility Continent

Edit Calculated Item

Name: *
Product Sale (Filtered)

Operators Functions Data New parameter

```
1 IF IsSet(ProductLineParameter)
2   RETURN IF 'Product Line'n = ProductLineParameter RETURN 'Product Sale'n ELSE 0
3 ELSE 'Product Sale'n
```

- Facility Country
- Filter
- Select all
- Argentina
 - Australia
 - Brazil
 - Chile
 - China
 - Colombia
 - Denmark
 - Egypt
 - France
 - Germany
 - India
 - Indonesia
 - Israel
 - Italy
 - Japan
 - Morocco
 - New Zealand

	Enhanced parameter	% of Total Product Sale (using Enhanced Parameter and Product Line Filter)
Colombia	761 669	3,3 %
Denmark	492 724	2,1 %
Egypt	207 747	0,9 %
France	583 330	2,5 %
Germany	1 591 235	6,9 %
India	56 696	0,2 %
Indonesia	59 034	0,3 %
Israel	65 226	0,3 %
Italy	1 004 142	4,4 %
Japan	121 247	0,5 %
Morocco	239 816	1,0 %
New Zealand	122 873	0,5 %
Nigeria	277 147	1,2 %
Norway	1 017 861	4,4 %
Peru	1 368 653	5,9 %
Russia	195 588	0,8 %
Sum:	23 021 376	Total: 100,0 %
		Total: 100,0 %

Enhanced Parameters - The Holy Grail for benchmarking use-cases?

% of Total Use-Case

Facility Continent: Facility Continent
Product Brand: Product Brand
Product Line: Product Line

- Facility Country
- Filter
- Select all
- Argentina
 - Australia
 - Brazil
 - Chile
 - China
 - Colombia
 - Denmark
 - Egypt
 - France
 - Germany
 - India
 - Indonesia
 - Israel
 - Italy
 - Japan
 - Morocco
 - New Zealand

Facility Country	Product	Product Sale
Argentina		2
Australia		4
Brazil		16
Chile		10
China		
Colombia		
Denmark		
Egypt		
France		
Germany		
India		
Indonesia		
Israel		
Italy		
Japan		
Morocco		
New Zealand		
Nigeria		
Norway		
Peru		
Russia		195 588
Sum:		23 021 376

Edit Calculated Item

Name: *
% of Total Product Sale (using Enhanced Parameter and Product Line Filter)

Operators Functions Data New parameter

`Sum(ByGroup, 'Product Sale'n) / TotalProductSaleFiltered`

Edit Parameter

Name: TotalProductSaleFiltered

Type: Numeric Multiple values

Format: COMMA12.

Default value: Sum(ForAll Product Sale (Filtered))

OK Cancel

Facility Country	Product	Product Sale	Enhanced Parameter (parameter)	% of Total Product Sale (using Enhanced Parameter and Product Line Filter)
Argentina		2	1,0 %	1,0 %
Australia		4	2,1 %	2,1 %
Brazil		16	7,3 %	7,3 %
Chile		10	4,7 %	4,7 %
China			0,6 %	0,6 %
Colombia			3,3 %	3,3 %
Denmark			2,1 %	2,1 %
Egypt			0,9 %	0,9 %
France			2,5 %	2,5 %
Germany			6,9 %	6,9 %
India			0,2 %	0,2 %
Indonesia			0,3 %	0,3 %
Israel			0,3 %	0,3 %
Italy			4,4 %	4,4 %
Japan			0,5 %	0,5 %
Morocco			1,0 %	1,0 %
New Zealand			0,5 %	0,5 %
Nigeria			1,2 %	1,2 %
Norway			4,4 %	4,4 %
Peru			5,9 %	5,9 %
Russia		195 588	0,8 %	0,8 %
Total:		23 021 376	100,0 %	100,0 %

Enhanced Parameters - The Holy Grail for benchmarking use-cases?

% of Total Use-Case

Facility Continent

Europe

Product Brand

Toy

Product Line

Product Line

Facility Country

Filter

Clear selection (5)

- Denmark
- France
- Germany
- Italy
- Norway
- Spain
- Sweden
- United Kingdom

Facility Country	Product Sale	% of Total Product Sale (classic calculation)	% of Total Product Sale (using Enhanced Parameter)	% of Total Product Sale (using Enhanced Parameter and Product Line Filter)
Denmark	289 977	9,2 %	1,3 %	1,3 %
France	337 650	10,7 %	1,5 %	1,5 %
Germany	950 415	30,2 %	4,1 %	4,1 %
Norway	627 400	20,0 %	2,7 %	2,7 %
Sweden	936 735	29,8 %	4,1 %	4,1 %
Sum:	3 142 176	Total: 100,0 %	Total: 13,6 %	Total: 13,6 %

Currently no Product Line is selected....

Enhanced Parameters - The Holy Grail for benchmarking use-cases?

% of Total Use-Case

Facility Continent

Europe

Product Brand

Toy

Product Line

Game

Facility Country

Filter

Clear selection (5)

- Denmark
- France
- Germany
- Italy
- Norway
- Spain
- Sweden
- United Kingdom

Facility Country	Product Sale	% of Total Product Sale (classic calculation)	% of Total Product Sale (using Enhanced Parameter)	% of Total Product Sale (using Enhanced Parameter and Product Line Filter)
Denmark	99 493	9,6 %	0,4 %	1,8 %
France	111 034	10,7 %	0,5 %	2,0 %
Germany	311 814	30,2 %	1,4 %	5,6 %
Norway	204 524	19,8 %	0,9 %	3,7 %
Sweden	306 354	29,7 %	1,3 %	5,5 %
Sum:	1 033 219	Total: 100,0 %	Total: 4,5 %	Total: 18,6 %

Now Product Line "Game" is selected and as you can see, it does also impact the calculation using Enhanced Parameter 😊

Slideshow Demo 😊

Specific filters that affect the total
Using Enhanced Parameter filter option



Enhanced Parameter Introduction
 % of Total Use-Case

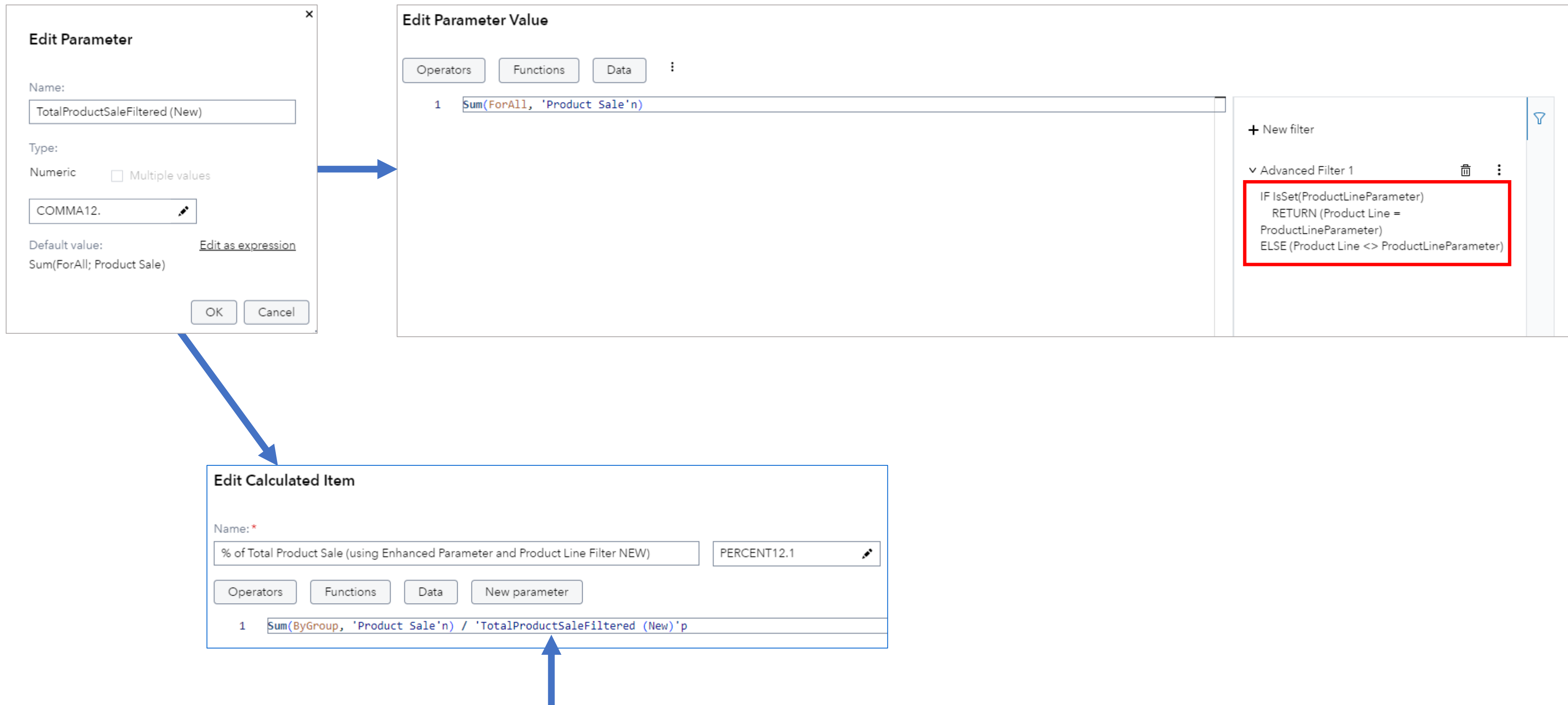
Same use-case, Product Sale is impacted by the Product Line filter/prompt. However, this time we are using the built-in filter option when creating the Enhanced Parameter.

Facility Continent: Facility Continent
 Product Brand: Product Brand
 Product Line: Product Line

- Facility Country
- Filter
- Select all
- Argentina
 - Australia
 - Brazil
 - Chile
 - China
 - Colombia
 - Denmark
 - Egypt
 - France
 - Germany
 - India
 - Indonesia
 - Israel
 - Italy
 - Japan
 - Morocco
 - New Zealand

Facility Country	Product Sale	% of Total Product Sale (classic calculation)	% of Total Product Sale (using Enhanced Parameter)	% of Total Product Sale (using Enhanced Parameter and Product Line Filter)	% of Total Product Sale (using Enhanced Parameter and Product Line Filter NEW)
Argentina	223 414	1,0 %	1,0 %	1,0 %	1,0 %
Australia	479 695	2,1 %	2,1 %	2,1 %	2,1 %
Brazil	1 669 142	7,3 %	7,3 %	7,3 %	7,3 %
Chile	1 070 876	4,7 %	4,7 %	4,7 %	4,7 %
China	140 487	0,6 %	0,6 %	0,6 %	0,6 %
Colombia	761 669	3,3 %	3,3 %	3,3 %	3,3 %
Denmark	492 724	2,1 %	2,1 %	2,1 %	2,1 %
Egypt	207 747	0,9 %	0,9 %	0,9 %	0,9 %
France	583 330	2,5 %	2,5 %	2,5 %	2,5 %
Germany	1 591 235	6,9 %	6,9 %	6,9 %	6,9 %
India	56 696	0,2 %	0,2 %	0,2 %	0,2 %
Indonesia	59 034	0,3 %	0,3 %	0,3 %	0,3 %
Israel	65 226	0,3 %	0,3 %	0,3 %	0,3 %
Italy	1 004 142	4,4 %	4,4 %	4,4 %	4,4 %
Japan	121 247	0,5 %	0,5 %	0,5 %	0,5 %
Morocco	239 816	1,0 %	1,0 %	1,0 %	1,0 %
New Zealand	122 873	0,5 %	0,5 %	0,5 %	0,5 %
Nigeria	277 147	1,2 %	1,2 %	1,2 %	1,2 %
Norway	1 017 861	4,4 %	4,4 %	4,4 %	4,4 %
Peru	1 368 653	5,9 %	5,9 %	5,9 %	5,9 %
Sum:	23 021 376	Total: 100,0 %	Total: 100,0 %	Total: 100,0 %	Total: 100,0 %

Instead of using a calculated data item, that I used in my previous example



Enhanced Parameters - The Holy Grail for benchmarking use-cases?

% of Total Use-Case

Facility Continent: Europe | Product Brand: Product Brand | Product Line: Product Line

Facility Country

Filter

Clear selection (4)

- Denmark
- France
- Germany
- Italy
- Norway
- Spain
- Sweden
- United Kingdom

Facility Country	Product Sale	% of Total Product Sale (classic calculation)	% of Total Product Sale (using Enhanced Parameter)	% of Total Product Sale (using Enhanced Parameter and Product Line Filter)	% of Total Product Sale (using Enhanced Parameter and Product Line Filter NEW)
Denmark	492 724	10,6 %	2,1 %	2,1 %	2,1 %
Germany	1 591 235	34,2 %	6,9 %	6,9 %	6,9 %
Norway	1 017 861	21,9 %	4,4 %	4,4 %	4,4 %
Sweden	1 555 995	33,4 %	6,8 %	6,8 %	6,8 %
Sum:	4 657 815	Total: 100,0 %	Total: 20,2 %	Total: 20,2 %	Total: 20,2 %

Enhanced Parameters - The Holy Grail for benchmarking use-cases?

% of Total Use-Case

Facility Continent: Europe

Product Brand: Product Brand

Product Line: Game

Facility Country

Filter

Clear selection (4)

- Denmark
- France
- Germany
- Italy
- Norway
- Spain
- Sweden
- United Kingdom

Facility Country	Product Sale	% of Total Product Sale (classic calculation)	% of Total Product Sale (using Enhanced Parameter)	% of Total Product Sale (using Enhanced Parameter and Product Line Filter)	% of Total Product Sale (using Enhanced Parameter and Product Line Filter NEW)
Denmark	99 493	10,8 %	0,4 %	1,8 %	1,8 %
Germany	311 814	33,8 %	1,4 %	5,6 %	5,6 %
Norway	204 524	22,2 %	0,9 %	3,7 %	3,7 %
Sweden	306 354	33,2 %	1,3 %	5,5 %	5,5 %
Sum:	922 185	Total: 100,0 %	Total: 4,0 %	Total: 16,6 %	Total: 16,6 %

Q&A

