

FRD: Heatmap Enhancements

Problem Statement

- The heatmap is an extremely powerful tool and that will undergo a continuous improvement process.



User Stories

- As a XA user, I want the heatmap to be as flexible as possible to entertain multiple use cases as per the customers' requirement.



Matrix Enhancement

Enhancement 1 - Matrix Questions

Use Case: When Matrix questions are used, the header should be visible along with a drop down to show/hide the matrix rows

Statement	Overall	EU	Test	Male
Response count	26	11	4	15
Considering your complete experience with our company, how likely would you be to recommend our products to a friend or colleague?	-3,8	27,3	75,0	-20,0
Please rate your experience on the following attributes	3,5	-3,8	-4,0	-3,3
How much effort did you have to take to make use of our services?	2,8	2,4	2,3	-2,9



Filter Hierarchy

Enhancement 2 - Filter Hierarchy

Use Case: Ability to create a Hierarchy of filters so that data in the filter is filtered based on the selection of particular filter

Example	CV1: Country	CV2: State
	India	Maharashtra
	USA	Bengal
		New York
		Texas

If India is selected in the first dropdown, the user should see states of India only

Enhancement 2 - Filter Hierarchy

Create Filter Group ×

Survey : Segmentation based Filters

Survey Questions

QUESTIONS **VARIABLES**

- Country
- Region
- Gender
- Dept
- custom5

Set Hierarchy

Close Save new filter group

Create Filter Group ×

Survey : Segmentation based Filters

Survey Questions

QUESTIONS **VARIABLES**

- Country
- Region
- Gender
- Dept
- custom5

Set Hierarchy

Close Save new filter group

Enhancement 2 - Filter Hierarchy

Create Filter Group ×

Survey : Segmentation based Filters

Survey Questions

QUESTIONS **VARIABLES**

<input checked="" type="checkbox"/>	Country
<input checked="" type="checkbox"/>	Region
<input checked="" type="checkbox"/>	Dept
<input type="checkbox"/>	Gender
<input type="checkbox"/>	custom5

Set Hierarchy

Close **Save new filter group**

Enhancement 2 - Filter Hierarchy

Widget | 05.11.2020 - 08:41:02 Edit Filter Delete Filter

Filter Name * Start date End date

Country Region Dept Set Filter Reset Filter

Dortmund
Munchen
Berlin

Statement	Overall
	Response count 70
Considering your complete experience with our company, how likely would you be to recommend our products to a friend or colleague?	-51,5
How satisfied are you with our services	2,7
	3,1
Row 1	3,0
Row 2	3,0
Row 3	2,9
Row 4	3,4
Row 5	3,2

Filter and Column Management

Enhancement 3 - Filter and Column Management

Use Case: Ability to add AND/OR functionality to column filters and having the ability to edit the filters

Problem: Currently a user cannot add an OR functionality amongst multiple selected filters.

Solution: Provide a Setting “Manage Columns”. This setting will contain list of columns with the set filter. This filter can then be editable as well.

Enhancement 3 - Filter and Column Management

Example: I want a column to show details of India as well as MidwestUS

Widget | 31.03.2021 - 07:21:52 Edit Filter Delete Filter ...

India + Mid West USA

CTRY State Set Filter Reset Filter

Statement	Overall	USA	Germany	Mex	India
Response count	100	30	24	21	25
Considering your complete experience with our company, how likely would you be to recommend our products to a friend or colleague?	-26,1	-25,0	-40,9	-16,7	-20,8
On a scale of 1 - 5 how satisfied are you with the following parameters	2,9	3,1	2,7	2,7	3,1

Widget | 31.03.2021 - 07:21:52 Edit Filter Delete Filter ...

Filter Name *

CTRY State Set Filter Reset Filter

Statement	Overall	USA	Germany	Mex	India	India + Midwest USA
Response count	100	30	24	21	25	0
Considering your complete experience with our company, how likely would you be to recommend our products to a friend or colleague?	-26,1	-25,0	-40,9	-16,7	-20,8	0
On a scale of 1 - 5 how satisfied are you with the following parameters	2,9	3,1	2,7	2,7	3,1	n/a



No data will be shown because of the default **AND** operator

Enhancement 3 - Filter and Column Management

Solution: Go to Manage Columns

Widget | 31.03.2021 - 07:21:52

Edit Filter Delete Filter

Filter Name * Start date End date

CTRY State

Set Filter

Reset Filter

- Edit Widget
- Configure Heatmap
- Copy Widget
- Excel Report
- PDF Report
- Delete Widget
- [Manage Columns](#)

Statement	Overall	USA	Germany	Mex	India	India	+	Mid	West	USA
Response count	100	30	24	21	25	0				
Considering your complete experience with our company, how likely would you be to recommend our products to a friend or colleague?	-26,1	-25,0	-40,9	-16,7	-20,8	0				
On a scale of 1 - 5 how satisfied are you with the following parameters	2,9	3,1	2,7	2,7	3,1	n/a				

Enhancement 3 - Filter and Column Management

Solution: Edit the column whose operator needs to be changed

Widget | 31.03.2021 - 07:21:52

Edit Filter Delete Filter

Filter Name *

CTRY

Column	Show/Hide	Action
USA	Toggle	Edit
Germany	Toggle	Edit
Mex	Toggle	Edit
India	Toggle	Edit
Ind + Mid West USA	Toggle	Edit

Statement

Considering your co...
be to recommend our products to a friend or colleague:

On a scale of 1 - 5 how satisfied are you with the following parameters

2,9	3,1	2,7	2,7	3,1	n/a
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Edit Widget
Configure Heatmap
Copy Widget
Excel Report
PDF Report
Delete Widget
Manage Columns

India India + Mid West USA

25 0

7 -20,8 0

Enhancement 3 - Filter and Column Management

Solution: Make any changes to the filter

The screenshot shows a configuration window for a widget. At the top, it displays 'Widget | 31.03.2021 - 07:21:52'. There are two buttons: 'Edit Filter' (blue) and 'Delete Filter' (red). Below these are input fields for 'Filter Name *', 'Start date', and 'End date'. The main configuration area has two tabs: 'CTRY' and 'State'. The 'State' tab is active. It contains two filter rules. The first rule has 'System Variable' selected, 'CTRY' as the system variable, and 'xInd' as the variable value. The second rule has 'System Variable' selected, 'State' as the system variable, and 'xIL', 'xMI', and 'xWI' as variable values. An 'AND' button is visible between the two rules. At the bottom right of the configuration area are 'Save' and 'Cancel' buttons. Below the configuration is a heatmap table with columns for 'Statement', 'Over', 'US', 'Germ', 'Me', 'Indi', 'Indi +', 'Mic', and 'We: USA'. The table contains data for 'Response count' and two survey questions.

Statement	Over	US	Germ	Me	Indi	Indi +	Mic	We: USA
Response count	100	30	24	21	25		0	
Considering your complete experience with our company, how likely would you be to recommend our products to a friend or colleague?	-26,1	-25,0	-40,9	-16,7	-20,8		0	
On a scale of 1 - 5 how satisfied are you with the following parameters	2,9	3,1	2,7	2,7	3,1		n/a	

Enhancement 3 - Filter and Column Management

Solution: Make any changes to the filter

Widget | 31.03.2021 - 07:21:52

Edit Filter Delete Filter

Filter Name * Start date End date

CTRY State

Select Option system variable Variable Values

System Variable CTRY xInd

Select Option system variable Variable Values

System Variable State xIL xMI xWI

AND AND OR

Save Cancel

Statement	Over	US	Germ	Me	Indi	Indi	+	Mic	We:	USA
Response count	100	30	24	21	25			0		
Considering your complete experience with our company, how likely would you be to recommend our products to a friend or colleague?	-26,1	-25,0	-40,9	-16,7	-20,8			0		
On a scale of 1 - 5 how satisfied are you with the following parameters	2,9	3,1	2,7	2,7	3,1			n/a		

Enhancement 3 - Filter and Column Management

Solution: Make any changes to the filter and Hit Save

The screenshot shows a widget configuration interface. At the top, it displays 'Widget | 31.03.2021 - 07:21:52'. There are two buttons: 'Edit Filter' (blue) and 'Delete Filter' (red). Below these are input fields for 'Filter Name *', 'Start date', and 'End date'. The main configuration area has two tabs: 'CTRY' and 'State'. The 'State' tab is active, showing two filter rules. Each rule has a 'Select Option' dropdown set to 'System Variable', a 'system variable' dropdown, and a 'Variable Values' input field. The first rule has 'CTRY' as the system variable and 'xInd' as the variable value. The second rule has 'State' as the system variable and 'xIL xMI xWI' as the variable values. An 'OR' button is between the two rules. At the bottom right of the configuration area are 'Save' (blue) and 'Cancel' (black) buttons. Below the configuration is a data table with columns for 'Statement', 'Over', 'US', 'Germ', 'Me', 'Indi', 'Indi +', 'Mic', and 'We: USA'. The table contains three rows of data.

Statement	Over	US	Germ	Me	Indi	Indi +	Mic	We: USA
Response count	100	30	24	21	25		0	
Considering your complete experience with our company, how likely would you be to recommend our products to a friend or colleague?	-26,1	-25,0	-40,9	-16,7	-20,8		0	
On a scale of 1 - 5 how satisfied are you with the following parameters	2,9	3,1	2,7	2,7	3,1		n/a	

Enhancement 3 - Filter and Column Management

Example: I want a column to show details of India as well as MidwestUS

Widget | 31.03.2021 - 07:21:52 Edit Filter Delete Filter ...

Filter Name * Start date End date

CTRY State Set Filter Reset Filter

Statement	Overall	USA	Germany	Mex	India	India	+ Mid West	USA
Response count	100	30	24	21	25		37	
Considering your complete experience with our company, how likely would you be to recommend our products to a friend or colleague?	-26,1	-25,0	-40,9	-16,7	-20,8		-35	
On a scale of 1 - 5 how satisfied are you with the following parameters	2,9	3,1	2,7	2,7	3,1		3.1	

Thank You!