


Handling Dimensions & KPIs

Charts and Tables can contain one or multiple dimensions. There is no limit, however, you should keep in mind that too many dimensions might increase the complexity of the component for a viewer of your analysis.

To add a Dimension, click the  button next to *DIMENSIONS*. This will open the **Formula Editor**:

FORMULA EDITOR / SELECT DIMENSION(S)

CHOOSE TABLE	CHOOSE COLUMN
Standard Process KPIs	
Activities	
Cases	

SELECTION DIMENSION(S)

ADD CUSTOM

DONE

In this section on the left, you can choose a table from your data source. *Standard Process KPIs* will be available too, and offers some basic Dimensions (such as "Number of Activities

per Case" or "Time between <Activity A> and <Activity B>").

Click on one entry of this table list, to see its columns at *Choose Columns*. After choosing a column, a third area *Choose Function* might appear (depending on the data type of your selected column). For example, if you would like to select *Year* of Credit Applications as a Dimension, you might choose the *EventTime* column from the *Cases* table (in the following example, the column *Application_Date* has been selected). *Choose Function* allows you to specify your time (as the datatype in this column will be a Date, you can choose between Year, Month, Day, and rounded Years/Months/Days). Click on the right Function or on the right Column, and your selection will be stored at **Selected Dimension(s)**, with the respective [PQL query](#).

FORMULA EDITOR / SELECT DIMENSION(S)

CHOOSE TABLE	CHOOSE COLUMN	CHOOSE FUNCTION
Standard Process KPIs	Application_Date	DATE FUNCTIONS
Activities	Finalisation_Date	No transformation (e.g. Mon Feb 22 2013 13:18:21 GMT+0100 ...)
Cases	Last_Activity_Date	Year (e.g. 2015)
	Branch_Start	Month (e.g. 02)
	Advisory_Finish	Day (e.g. 22)
	Branch_Sent	Round_Month (e.g. 2015-08)
	Credit_Start	Round_Day (e.g. 2015-03-31)

SELECTION DIMENSION(S)

Year(Application_Date)

YEAR("Cases", "Application_Date")

ADD CUSTOM


DONE

You may add as many dimensions as you want to.

Edit options for a selected dimension


All selected dimensions will show three options:





 **Edit Formula:** This will open up the following window:

On the left side (*Formula Options*) you can edit the Formula title (which will show up at *Selected Dimensions* in the Formula Editor, see above), and configure the Format. Use the dropdown-menu *Predefined Formats* to

select a Format, such as Date, Time, Percentage,... . Per Default, *Standard (no format)* will be selected. Celonis 4 will adapt the datatype of your column.

For further information on Formatting your Data and Formula, click on the small  icon next to *Value Format*. If you want to use custom units, you may specify them in the Units field.

On the right side, you will again see the Column selection, as well as the PQL query, that will be created while selecting a table/column/function. Of course, you are free to customize this Formula with any [PQL statement](#). *Show Functions* will give you a list of available functions. Choose one and click on it, to apply this function. It will automatically appear in the PQL query.

-  **Delete:** Click on this button, to delete the dimension. Please note, that this will also remove the PQL-query, that you made to this selection.
-  **Sort:** Use this button, to sort your data (ascending/descending).

These three options are also available in the [General Component Options](#), next to all Dimensions.