

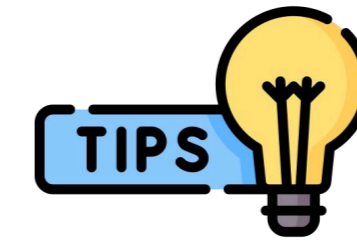
SVG and Base64 icons
inside a core visual!

**CONDITIONAL
ICONS IN
NEW CARD
VISUAL**

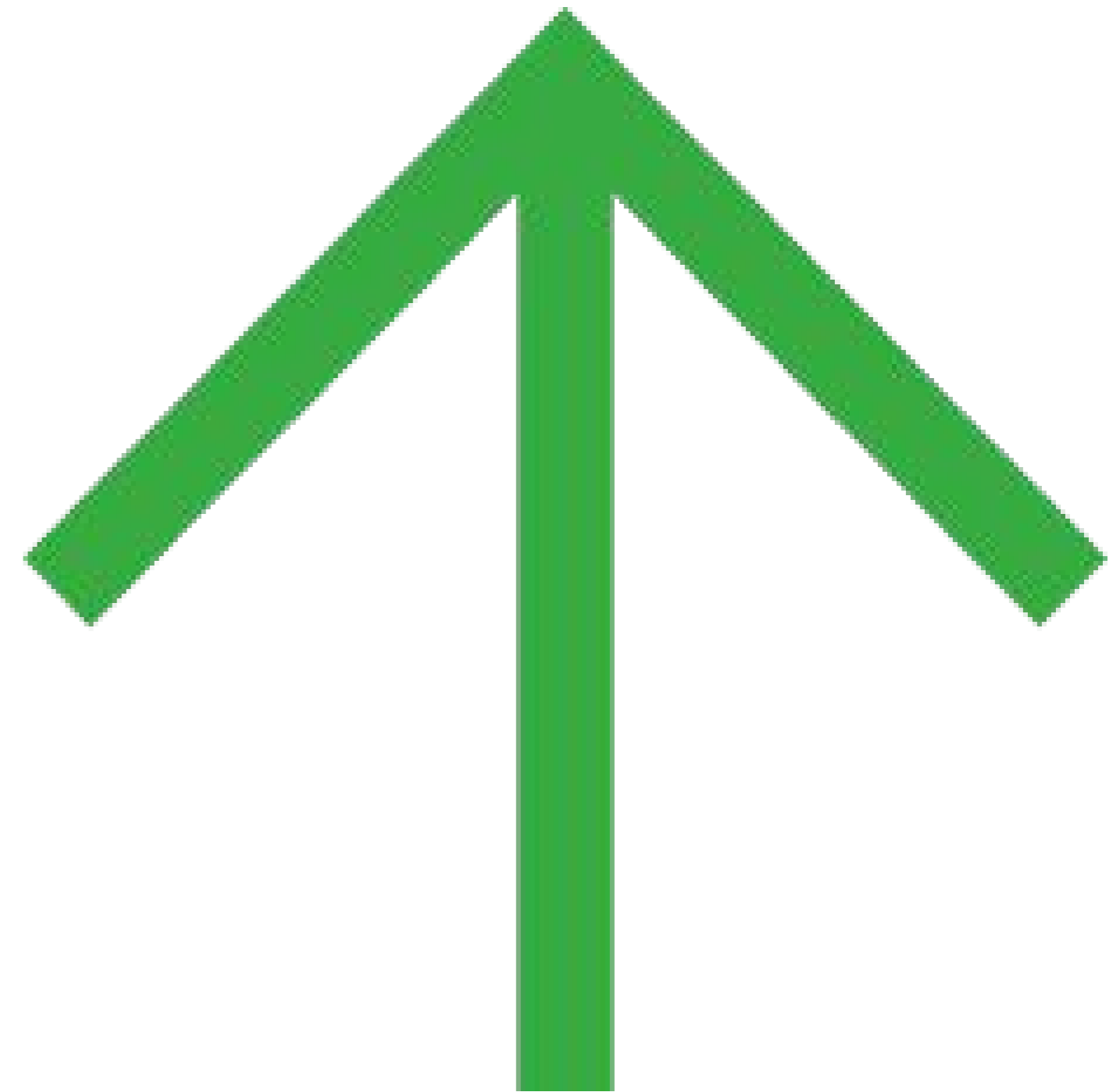
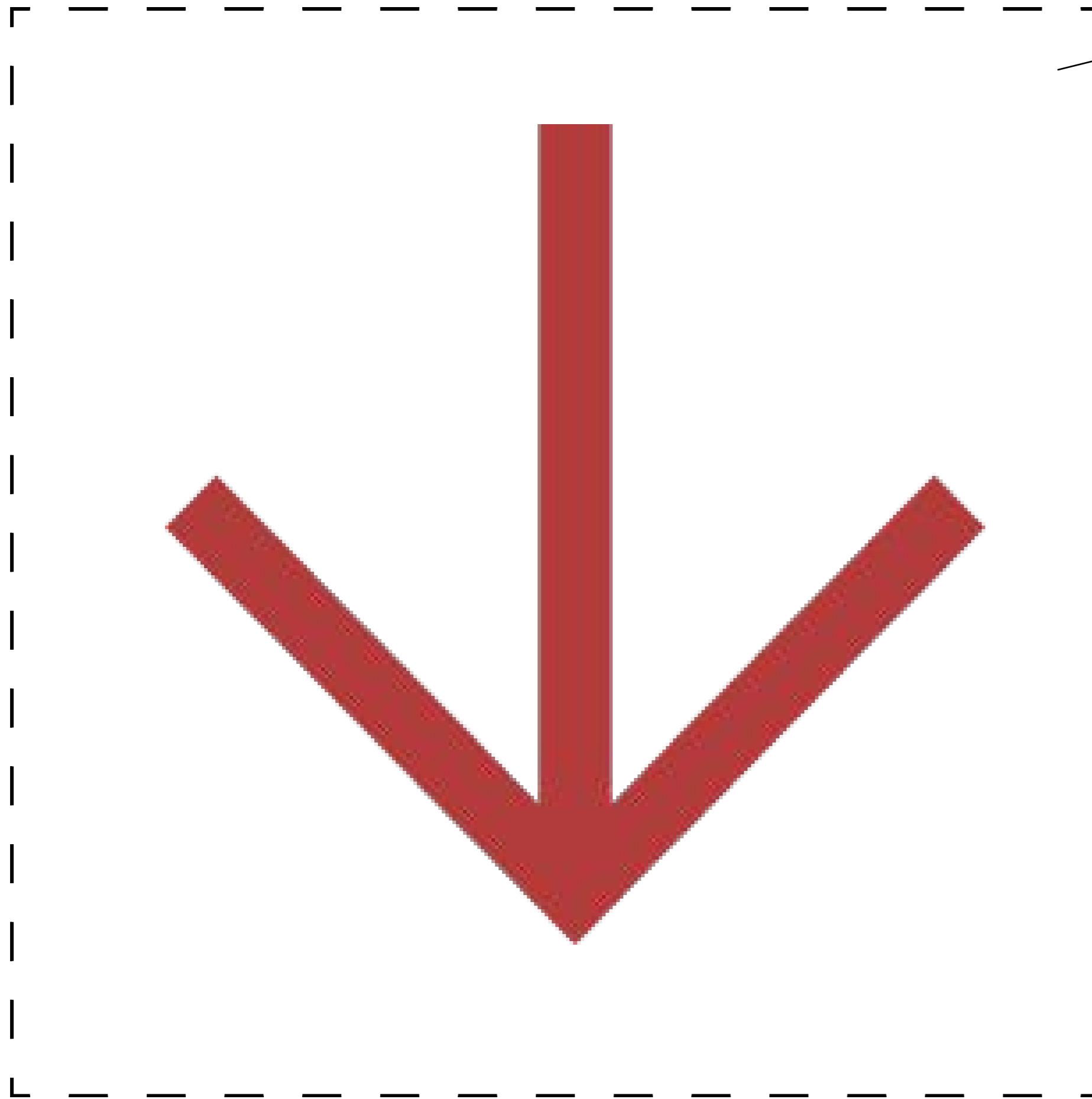


GRAB 2 IMAGES YOU LIKE

The images needs to be in a square shape



Based on the power bi image crop you should use square icons! Otherwise the images will be reshaped!



MRBASE IS YOUR FRIEND

If you want to use Base64 - <https://www.base64-image.de/>

Upload the image you want to convert into base64 code



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CONVERT YOUR IMAGES TO BASE64 - 100% FREE

DRAG & DROP IMAGES ANYWHERE

OR CLICK HERE

Supported file formats

You can upload up to 20 images (max. 1 MB each) as JPG, PNG, GIF, WebP, SVG or BMP.

Please note that Internet Explorer 8 has a limit of 32 KB for [data URI](#). Versions below have no support.

Browser support

The **encoded results** are **compatible** with all major browser and versions listed below. Please drop us an [email](#) if you stumble upon any issues.

Chrome 4+ Safari 3.1+ Firefox 2+ Opera 9+ Edge IE 8+

Image optimization option

We can optimize your JPEG & PNG images, using [jpegoptim](#) and [optipng](#). This will reduce the file without any visible impact (in most cases).

Optimization status:

disabled



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ads via Carbon

MRBASE IS YOUR FRIEND

If you want to use Base64

Choose the element and copy this!

BASE64 IMAGE

Filename: pijломhoog.png
Filesize: 2.44 KB
Encoded: 3.26 KB
Width: 231 px
Height: 231 px

toggle background

For use in elements:

select all copy to clipboard

```
data:image/  
png;base64,iVBORw0KGgoAAAANSUHEUgAAAOcAAADnCAYAAADl9EEgAAAACXBIWXM/  
578 L K 16 16 5K7 15 8 10 L 767500 A C7BM6750C W B N QBM92L JL
```

For use as CSS background:

select all copy to clipboard

```
url(data:image/  
png;base64,iVBORw0KGgoAAAANSUHEUgAAAOcAAADnCAYAAADl9EEgAAAACXBIWXM/  
578 L K 16 16 5K7 15 8 10 L 767500 A C7BM6750C W B N QBM92L JL
```

Encoding

Filename	Filesize
pijломhoog.png	2.44 KB

Supported file formats

Image optimization option

GitLab is the most comprehensive AI-powered DevSecOps Platform.

ads via Carbon

show code copy image copy css

Dismiss

MRBASE IS YOUR FRIEND

If you want to use Base64

This is the code that will be shown as a image inside Power BI

```
data:image/
png;base64,iVBORw0KGgoAAAANSUHEUgAAAOcAAADnCAYAAADl9EEgAAAACXBIWXMAACE4AAAhOAFfLjFgAAAAAXNSR0IArs4c6QAAARnQU1BAACxjwv8YQUAAAlcSURB
VHgB7d1NUhxHGofxNwu0YLTRfHbDEXCEZbEsdAITMQZrZbiBfAKjE0g+AdLCownhCHyACahZGckb5ga9mb0iHLI3otOdLUpf0PRXVeY/
q57fRqJpyl6seql6iq5KZ+iEzeflul9xh+7C7589qAaG7BWG7F2GeWrmyvBv+NqQPWf12kdhrn941A9GR9AtjqB5I86MXR9mjUBzR5yZujnMGoHmjDgzNFuYNQLNFXFmZr4wawSal87
WZqQ8LO+MwjyeL8zAjYMOP2/
IBnFmlot15+3xEXPDFuLWw88TaD54W5uB5cP8mD9fe+O3qv3qtUEacYprNswageaAOIW1E2aNGNURp6h2w6wRqDJOCllqP8zAbXCSSBdxCrr34v5h+2HWCFQVcYp5F6btWVRu4
4/
bxaFBCnEKSRPmO6OTD19fjg8RnBASKTLMzzx9uXOyb0iOOAUihVkjUAHEmZhgmDUCTYw4ExlOs0agCXFCKJF7R+Vj0w4z2OMkUTrEmcDm0f0fzBcPLQ8EmsiKlaoQpvd2YHnZ
+PvOP+z/R4P/
GqlhzogyDXPMmSsJNC7ijCTnMGsEGhdxRtCFMGsEGG9xtqxLYdYINA7ibFEXw6wRaPulsyVdDrNGoO0izhb0lcwagbaHOBvWpzBrBNo04mxQH8OsEWjziLMhfQ6zRqDNIs4GE
OYHBNoc4lwSYV5FoM0gziUQ5mQEujziXNDmz+V33rsnhokldDncCWEB4zCHxVPDfWx3Dv7Z/XMMBcutp5TF8L0zqluvxDmK8ybYS7EOYcUYXo/
fDQ69lTWJO//57w9sogldH7EOaMkR8yh/fhqtzqWfpztnhx476O+1STQ+RDnDNlcMf2zl9+etHqfoVe7p3sEqos4p0gVZgjHliBQXcR5g6/
+VX7d5TBrBKqJOCe4+6LcsFtxV95KEWYtVaBfPi9Lw7WI8xohTOeK09EzZWhrVqYMs5Yi0GKlOL77UxlpLdK8EOdn+hpmLXagzuyOu1WcEuhVxPmRJGEW9otKmLXx63EN/231BgR
6PeK8lCMLUZRnf/t9KLIQ0NrqxbY5f26REOhVxGnpwlx747eq/SrqR+lmVW1Xr9dW/
RaBptP7OAlzMgJNq9dxEuZ0BJpOb+PcfF6uF+aOCXO6lIGG7WQ91cs4wwb3K+50tAusWzR5hllLFWjYtN0ntHdxEubi3gdqNrBo3HpfA+1VnGnCTEEXwqyFQN3FkEaj6E2cqcIMO
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Mw9aUMtDwsl14O2Lxs4wwTP9oAx4SpL8zX0lbbcVc3c+t/3s470CzjDBMeJn60AWJeKU+YS/
htpZr3frgVOdCNnAPNLk7CzBeBzierOFOEGXYkwmwOgc4umzhThRl2JMJsFoHOJos4U4YZdiRD4wh0Ovk4CbO7CPRm0nESZveFeS7eFtsWVQi0eGzipON8N4GE2XVnD/5TOY
u+ZszezRf3o66/Oi/
ZOC8nbs8ilcy0znaqpWt6Kck4CbOfCPRTcnHGDjMgTB0E+oFUnCnCDDsCYWoh0Hdk4kwVZtgRDHIIVCROwsR1wvYpnH1vcckEmjxOwsRNfv3m5lnz9sji2vvqqPzBEksa5+bR/
TABexYRYebnbPfkIHagzhcHqQNNFmcl03s7slgIM199DDRJnlSJrFqt0OhxEiaW0adAo8aZlkzv48ls1v6Emi0FOF+Wq3OjB0Th8CjRlnYalNXQ+09TgJE23qcqCtxkmYiKGrGbYWJ
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NnijP8whRhjt+CAC1IFWixUhzf/
amcaeW8qXHefVFuFKvFsUVEmlghRoDO7l67VZzOEuiNcYYwnStOnbdoqWATJmJSDnRinISjvIAN9No4CRN98z5Qs4FFMi3QK3ESJvoqBOouhJKBfhJnijBHaZ4TJlScPagGKoG+
j3Pzebmelsy1N+O3EoCMIIGGDuvHxnGGB/yKSxJmtV+9NkBMqkBDh3WgRR3m6FvrFg1hql+KQEOHdaCFX105JEzgeskCXXWHhXt7sR9vYMJEfhlEOnBv/
X4Rb2DCRL4iBjoeJ4xXRBp4QJlXyXo6jDDF0WEgce/lzDRBW13UocZFC0PfgVAIHexOimuG3how23vbNkjHWGisxoMdGln137w/bed6tz74dYSgRImOq+BQG/
sZOIly0sESpjojSXeaU7t5MaLrRcIlDDRO/
N2Ep43SydTb1MSBrbhcN+mI0z01qyBhu+H583SyUw3+Hq1W/3i7MZACRO9Ny3QOszxAW8GM98a82ynejohUMIELk0KdN4wg7luKn1NoIQJfObzQBcJM5h7OYYQaOHseyNMYK
l60NF/B4uEGSy0kNGv35w8WXsz/
llwgclCkGu3hl8sEmaw8BKAfFYWmC7cNMwW1Miy8wCaR5yAKOIERBEnllo4AVHECYgiTkaUcQKiiBMQRZyAKOIERBEnllo4AVHECYgiTkaUcQKiiBMQRZyAKOIERBEnllo4AVHECY
giTkaUcQKiiBMQRZyAKOIERBEnllo4AVHECYgiTkaUcQKiiBMQRZyAKOIERBEnllo4AVHECYgiTkaUcQKiiBMQRZyAKOIERBEnllo4AVHECYgiTkaUcQKiiBMQRZyAKOIERBEnllo
4AVHECYgiTkaUcQKiiBMQRZyAKOIERBEnllo4AVHECYgiTkaUcQKiiBMQRZyAKOIERBEnllo4AVHECYgiTkaUcQKiiBMQRZyAKOIERBEnllo4AVHECYgiTkaUcQKiiBMQRZyAKOI
ERBEnllo4AVHECYgiTkaUcQKiiBMQRZyAKOIERBEnllo4AVHECYgiTkaUcQKiiBMQRZyAKOIERBEnllo4AVHECYgiTkaUcQKiiBMQRZyAKOIERBEnllo4AVHECYgiTkaUcQKiiBMQRZyAKOI
```


MRBASE IS YOUR FRIEND

If you want to use Base64

Gauge, card, and KPI



Slicer

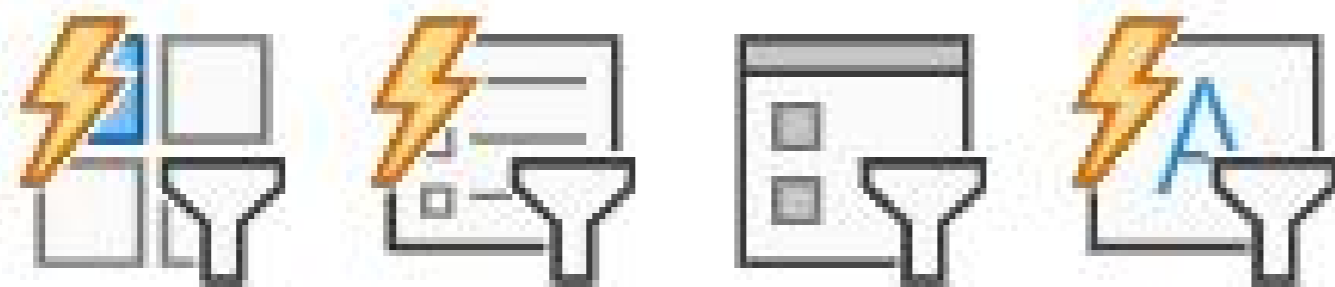
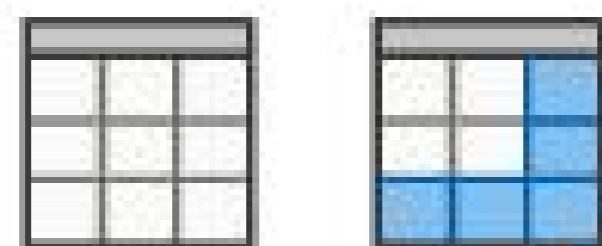


Table and matrix

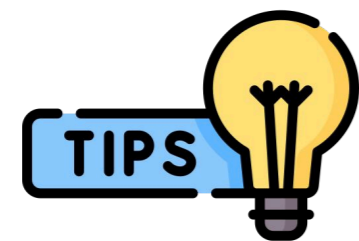


Bring in the
Core Visual
called New
Card Visual

MRBASE IS YOUR FRIEND

If you want to use Base64

```
1 empty = ""
```



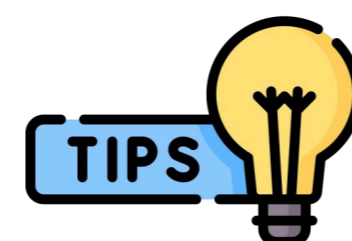
I have made the empty measure as core value inside the new card visual

A screenshot of a Power BI card visual configuration. The card is a rectangle with the word "empty" in the center. To the right is a configuration pane titled "Suggest a visual" with a close button. The pane has a "Suggestions" section with three icons (a bar chart, a table, and a grid) and a dropdown arrow. Below that is a toggle for "Arrange data for me" which is currently "Off". The "Data" section contains a field with the value "empty" and a "+Add data" button. The "Small multiples" section also has a "+Add data" button. The "Tooltips" section has a "+Add data" button. A line from the code above points to the "empty" field in the configuration pane.

MRBASE IS YOUR FRIEND

If you want to use Base64

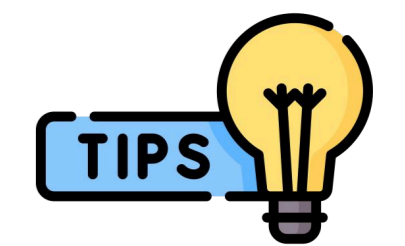
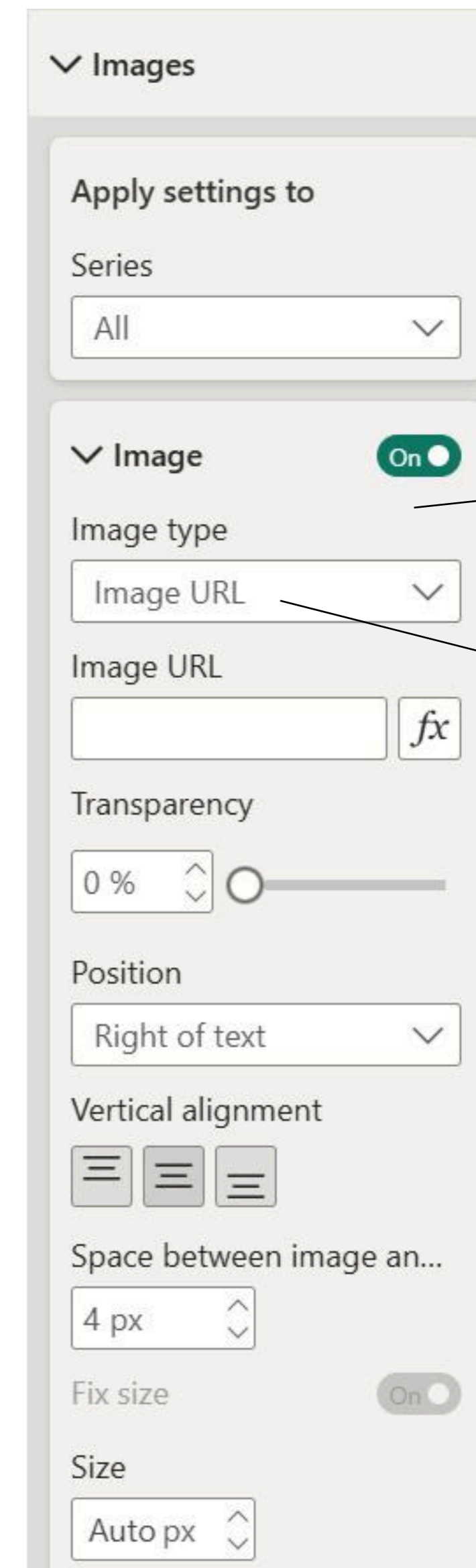
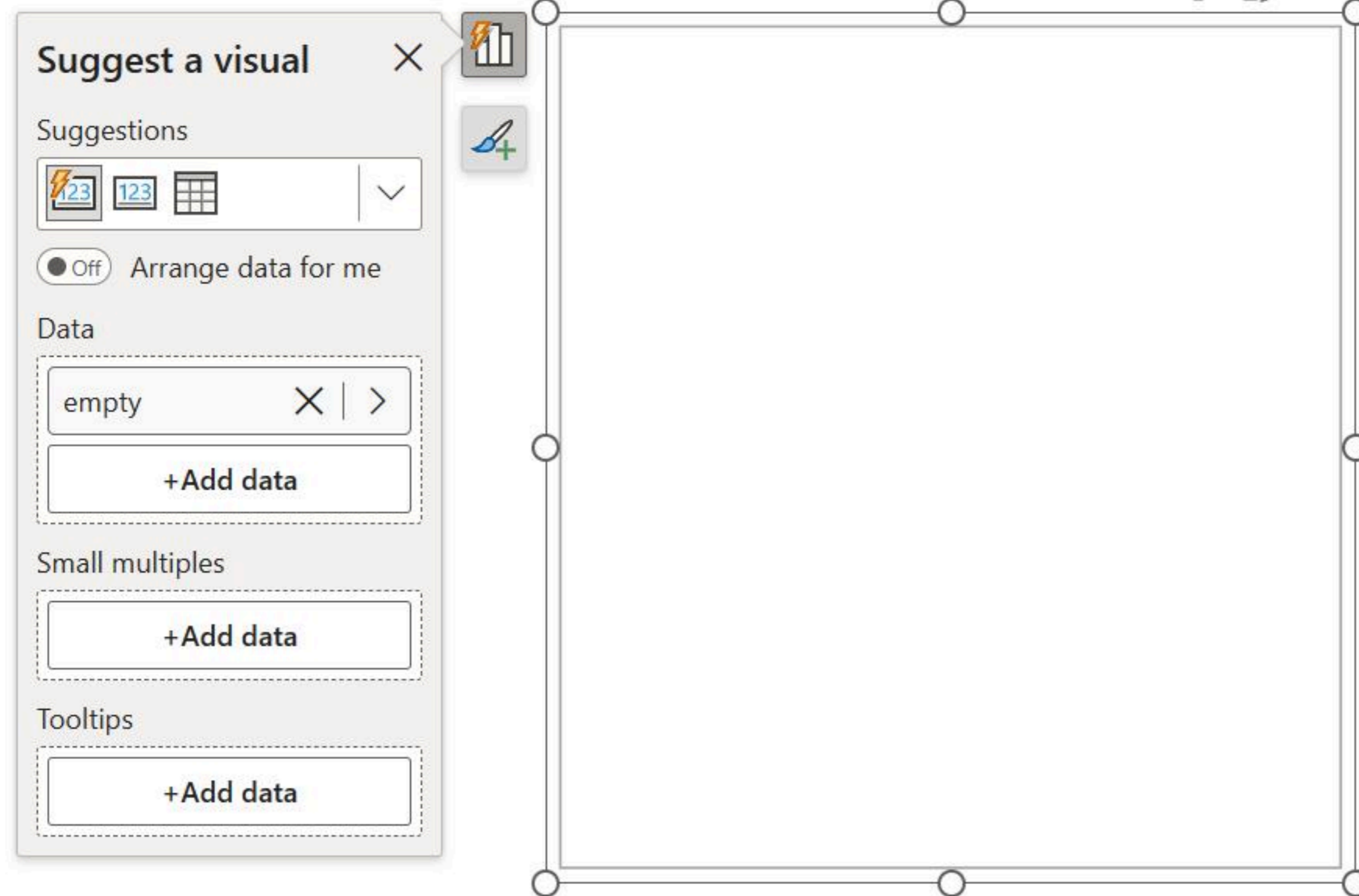
The image shows a software interface for creating data visualizations. On the left is a 'Suggest a visual' panel with sections for 'Suggestions' (containing icons for bar, line, and table), 'Data' (with an 'empty' field and '+Add data' button), 'Small multiples' (with '+Add data' button), and 'Tooltips' (with '+Add data' button). In the center is a large empty rectangular area representing the visualization canvas, with a toolbar at the top right containing a funnel, a bar chart icon, and a three-dot menu. On the right is a settings panel with sections: 'Title' (toggle 'Off'), 'Layout', 'Small multiples layout', 'Small multiples header', 'Callout values' (expanded), 'Apply settings to' (Series dropdown set to 'All'), 'Values' (toggle 'Off'), 'Label' (toggle 'Off'), and 'Layout'. Two lines from the 'Callout values' section point to the 'Values' and 'Label' toggles. At the bottom center, a 'TIPS' icon (a lightbulb) is next to the text 'Put OFF the callout value and label'.



Put OFF the callout value and label

MRBASE IS YOUR FRIEND

If you want to use Base64



Images on

In stead of uploading the image you have to set Image URL!

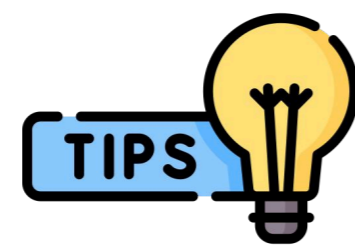
The moment the FX will appear

CONDITIONAL ICON BASED ON VALUE

How do you made this changing icon?

```
1 Icon conditional =  
2 | IF([Sales Var Rural %]> 0 , [icon bad], [Icon good])  
3
```

Simple! Just am IF statement and show the icons based on your conditional



So if my Sales Var Rural % is bigger then 0 it will show icon bad otherwise icon good.

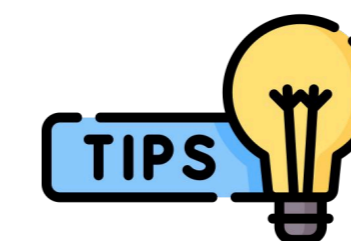
CONDITIONAL ICON BASED ON FILTERS

How do you made this changing icon?

```
1 Show volunteer =  
2 SWITCH(  
3   SELECTEDVALUE(Products[Category]),  
4   "Gen X", [Leeg],  
5   "Gen Y", [Leeg],  
6   "Gen Z", [Leeg],  
7   "Alpha", [Streep],  
8   [Leeg] // Default value if none of the conditions are met  
9 )  
10
```

[leeg] is in my dataset a fully transparent png image!! that i converted in a base64 code. So nothing will show. Funny this simple things works.

```
Leeg = " data:image/  
png;base64,iVBORw0KGgoAAAANSUhEUgAAAAEAAAABCAYAAAAfFcSJAAAACXBIWXMAABYlAAAWJQFJUiTw  
AAAAAXNSR0IArs4c6QAAAARnQU1BAACxjwv8YQUAAAAQSURBVHgBAQUA+v8AAAAAAAAFAAFkeJU4AAAAA  
ElFTkSuQmCC"
```



Based on the Selectedvalue you can also show icons / images! So in this case i only show a image called Streep when people filter on Alpha!

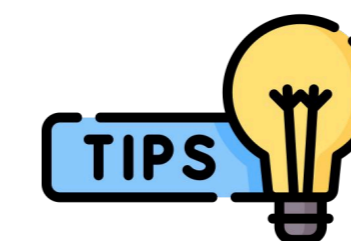
CONDITIONAL ICON BASED ON FILTERS

How do you made this changing icon?

```
1 Show volunteer =  
2 SWITCH(  
3   SELECTEDVALUE(Products[Category]),  
4   "Gen X", [Leeg],  
5   "Gen Y", [Leeg],  
6   "Gen Z", [Leeg],  
7   "Alpha", [Streep],  
8   [Leeg] // Default value if none of the conditions are met  
9 )  
10
```

[leeg] is in my dataset a fully transparent png image!! that i converted in a base64 code. So nothing will show. Funny this simple things works.

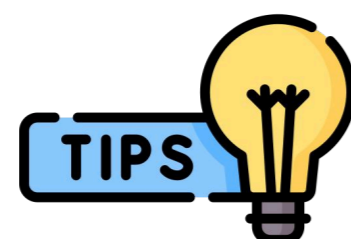
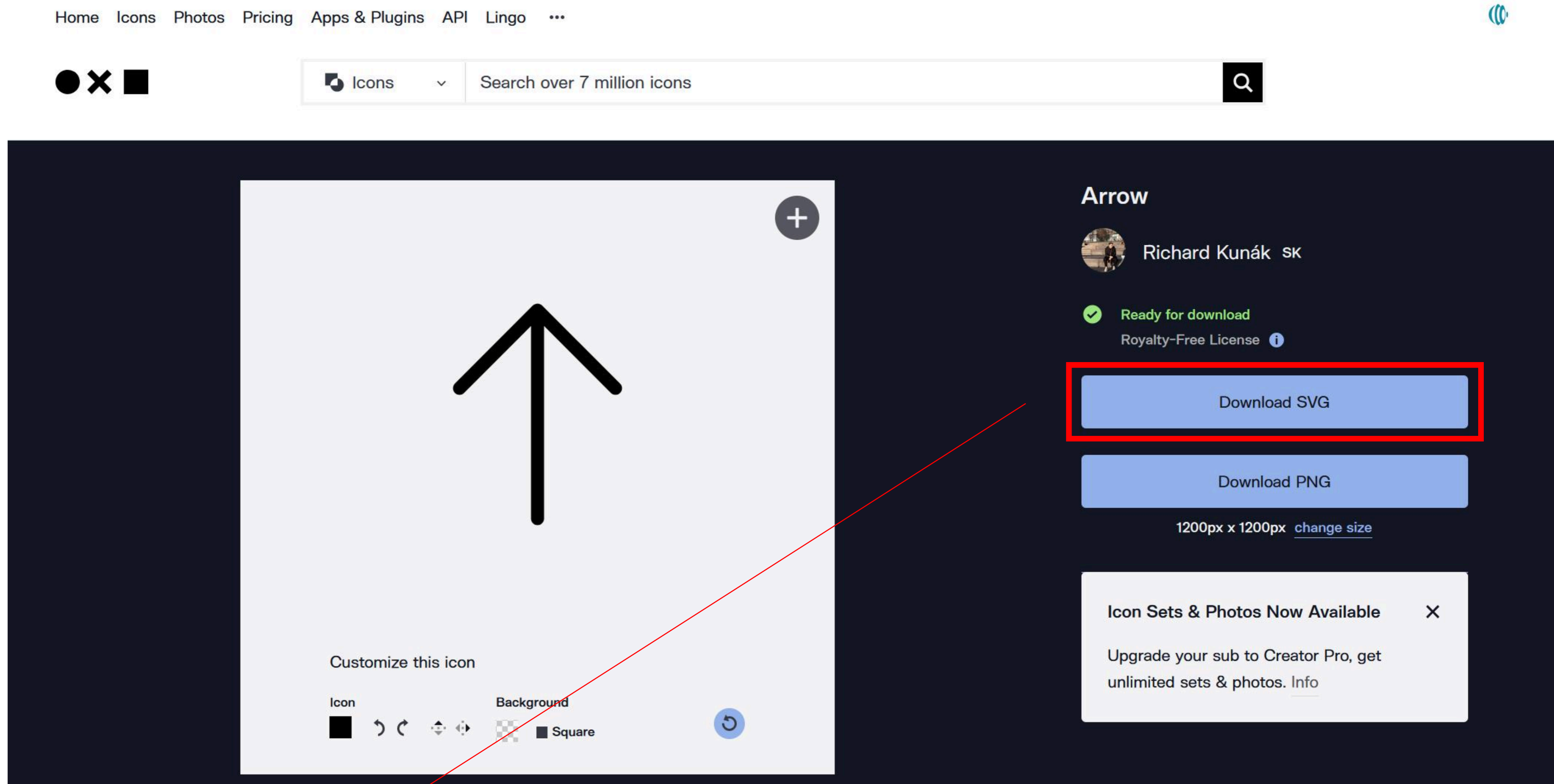
```
Leeg = " data:image/  
png;base64,iVBORw0KGgoAAAANSUhEUgAAAAEAAAABCAYAAAAfFcSJAAAACXBIWXMAABYlAAAWJQFJUiTw  
AAAAAXNSR0IArs4c6QAAAARnQU1BAACxjwv8YQUAAAAQSURBVHgBAQUA+v8AAAAAAAAFAAFkeJU4AAAAA  
ElFTkSuQmCC"
```



Based on the Selectedvalue you can also show icons / images! So in this case i only show a image called Streep when people filter on Alpha!

DOES THIS WORK WITH SVG ALSO?

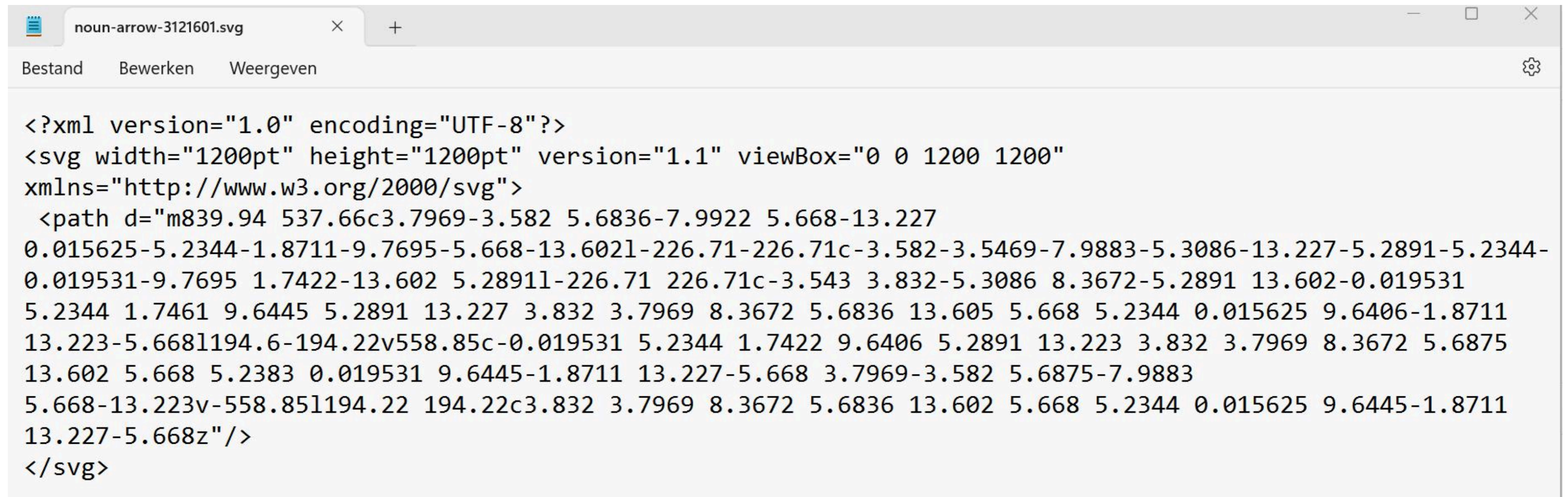
How do you made this changing icon with svg icons



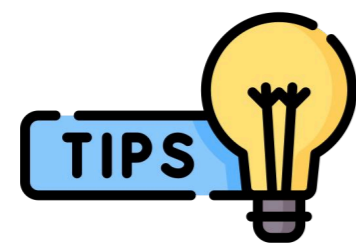
On the website thenounproject you can download a svg file!
I am a paid user because i love these icons and want to contribute

DOES THIS WORK WITH SVG ALSO?

How do you made this changing icon with svg icons



```
<?xml version="1.0" encoding="UTF-8"?>
<svg width="1200pt" height="1200pt" version="1.1" viewBox="0 0 1200 1200"
xmlns="http://www.w3.org/2000/svg">
  <path d="m839.94 537.66c3.7969-3.582 5.6836-7.9922 5.668-13.227
0.015625-5.2344-1.8711-9.7695-5.668-13.6021-226.71-226.71c-3.582-3.5469-7.9883-5.3086-13.227-5.2891-5.2344-
0.019531-9.7695 1.7422-13.602 5.28911-226.71 226.71c-3.543 3.832-5.3086 8.3672-5.2891 13.602-0.019531
5.2344 1.7461 9.6445 5.2891 13.227 3.832 3.7969 8.3672 5.6836 13.605 5.668 5.2344 0.015625 9.6406-1.8711
13.223-5.6681194.6-194.22v558.85c-0.019531 5.2344 1.7422 9.6406 5.2891 13.223 3.832 3.7969 8.3672 5.6875
13.602 5.668 5.2383 0.019531 9.6445-1.8711 13.227-5.668 3.7969-3.582 5.6875-7.9883
5.668-13.223v-558.851194.22 194.22c3.832 3.7969 8.3672 5.6836 13.602 5.668 5.2344 0.015625 9.6445-1.8711
13.227-5.668z"/>
</svg>
```



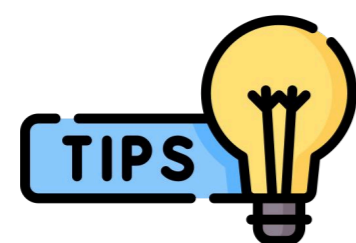
Open the file in a text editor such as Notepad, VS Code, or any other editor. You will see the SVG code in XML format.

DOES THIS WORK WITH SVG ALSO?

How do you made this changing icon with svg icons

Put this code `data:image/svg+xml`, before the , `svg` code. Like in the example

```
1 | Img arrow up =  
...2 | "data:image/svg+xml, <svg width='1200pt' height='1200pt' version='1.1' viewBox='0 0 1200 1200'  
   | xmlns='http://www.w3.org/2000/svg'>  
3 | <path d='m839.94 537.66c3.7969-3.582 5.6836-7.9922 5.668-13.227 0.015625-5.2344-1.8711-9.7695-5.  
   | 668-13.602l-226.71-226.71c-3.582-3.5469-7.9883-5.3086-13.227-5.2891-5.2344-0.019531-9.7695 1.  
   | 7422-13.602 5.2891l-226.71 226.71c-3.543 3.832-5.3086 8.3672-5.2891 13.602-0.019531 5.2344 1.7461  
   | 9.6445 5.2891 13.227 3.832 3.7969 8.3672 5.6836 13.605 5.668 5.2344 0.015625 9.6406-1.8711 13.  
   | 223-5.668l194.6-194.22v558.85c-0.019531 5.2344 1.7422 9.6406 5.2891 13.223 3.832 3.7969 8.3672 5.  
   | 6875 13.602 5.668 5.2383 0.019531 9.6445-1.8711 13.227-5.668 3.7969-3.582 5.6875-7.9883 5.668-13.  
   | 223v-558.85l194.22 194.22c3.832 3.7969 8.3672 5.6836 13.602 5.668 5.2344 0.015625 9.6445-1.8711 13.  
   | 227-5.668z' />  
4 | </svg>  
5 | "
```

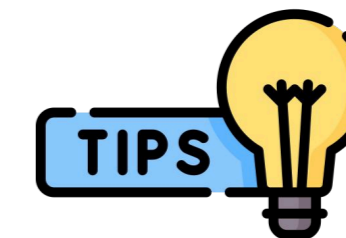


Now you can create a measure and put the SVG code between the "" marks.

DOES THIS WORK WITH SVG ALSO?

How do you made this changing icon with svg icons

The screenshot shows the Power BI interface. In the center is a card visual with a large black arrow pointing upwards. To the left is the 'Suggest a visual' pane with options for suggestions and data. Below it is the 'Image URL - Series' configuration pane, where the 'Format style' is set to 'Field value' and 'What field should we base this on?' is set to 'Img arrow up'. To the right is the 'Filters' pane, with the 'Image' settings expanded. The 'Image' settings include 'Image type' (Image URL), 'Image URL' (with a formula icon), 'Transparency' (0%), 'Position' (Left of text), 'Vertical alignment' (Top), 'Space between image an...' (0 px), 'Fix size' (On), 'Size' (Auto px), and 'Alt text' (Enter a description).



Test of the single svg image works correct in the new card visual! voila

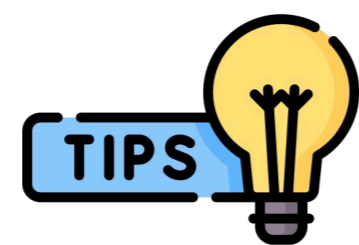
DOES THIS WORK WITH SVG ALSO?

How do you made this changing icon with svg icons

Create the conditional measure!

```
1 Icon SVG conditional KPI 1 =  
2 IF([Sales Var Rural %]> 0 , [Img arrow up], [Img arrow down])  
3
```

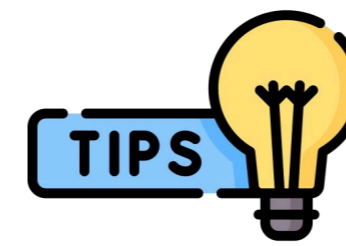
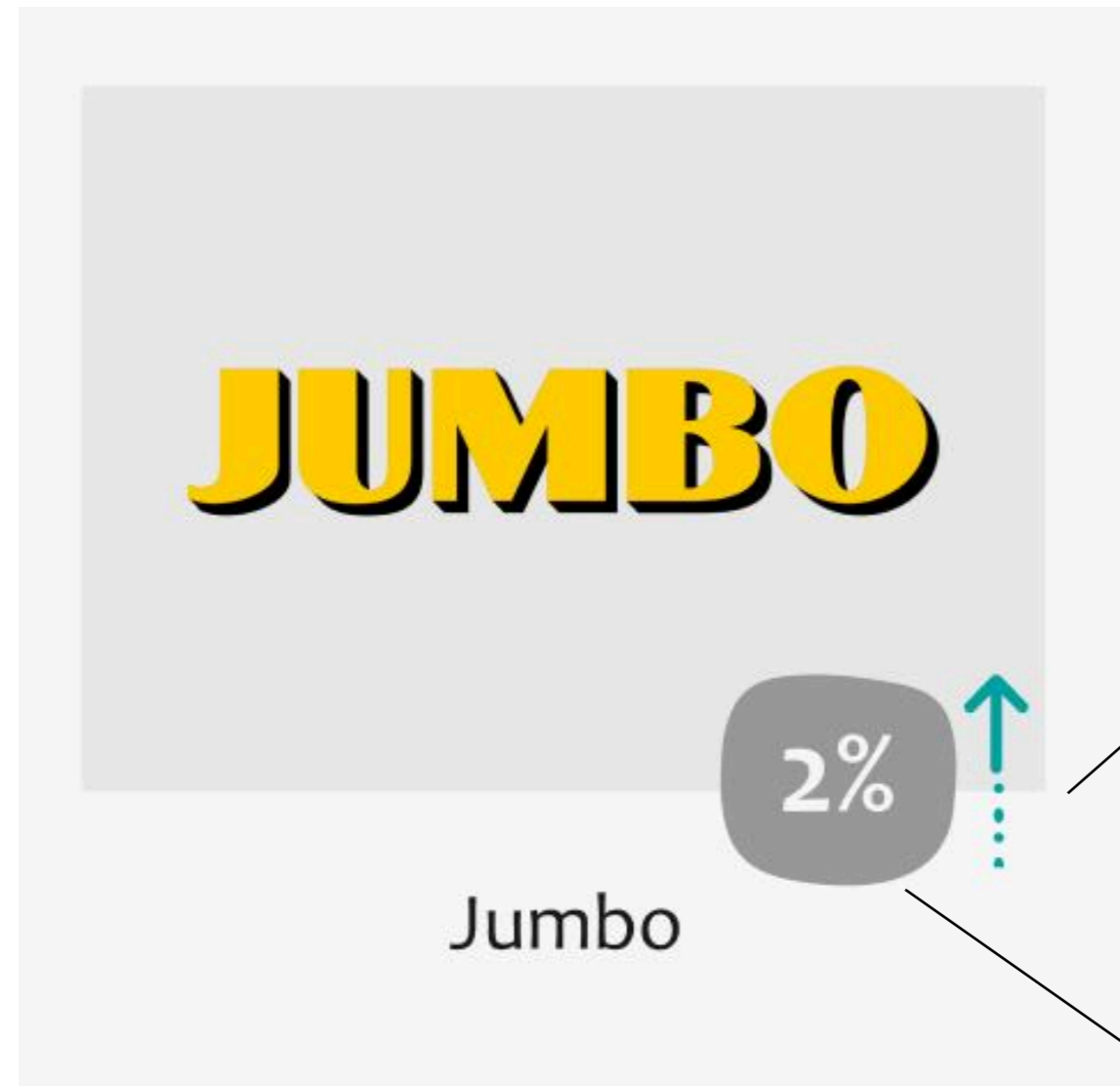
The screenshot shows the Power BI interface. At the top, a measure is defined: `Icon SVG conditional KPI 1 = IF([Sales Var Rural %]> 0 , [Img arrow up], [Img arrow down])`. Below this, a visual is shown with a large black downward-pointing arrow. To the left of the visual is the 'Suggest a visual' pane. To the right is the 'Format' pane, with the 'Image' section expanded. The 'Image URL' field in the 'Image' section is set to a formula icon, and a red line points from this field to the 'Image URL - Series' configuration dialog. This dialog has a 'Format style' dropdown set to 'Field value' and a 'What field should we base this on?' dropdown set to 'Icon SVG conditional KPI 1'.



Put this measure inside the field value of the image url

EXAMPLE BASE64 AND SVG

How do you made this changing icon?



This arrow is the example of a conditional icon created with the technique you have seen on the previous page!

This KPI with cool shape is a button!! with background image and in the text area the FX is there. So the field value show the measure. Easy and free tip from my side!

Thanks!
You are
amazing!

I want to express my heartfelt gratitude to each and every one of you. Your support, enthusiasm, and positive energy make our community a truly special place. Together, we've created a space where ideas flourish, friendships grow, and support abounds. Thank you for being the heart and soul of this wonderful community.

Let's continue to thrive together, inspire one another, and make our community even more vibrant in the days to come.

With sincere thanks,
Armand van Amersfoort
Founder dexts.me



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