

## Use of Icons in Design

Last week Apeksha Pathak posted a blog on the [use of icon](#) in QlikView design, if you haven't read the blog I will recommend reading the blog, it shouldn't take more than 15 minutes max to read.

This week I will like to build on the idea and actual see how we can use icon in QlikView design. Let delve into how to incorporate icons into our design.

Using attached data or any data of your choice.

I have list table for year

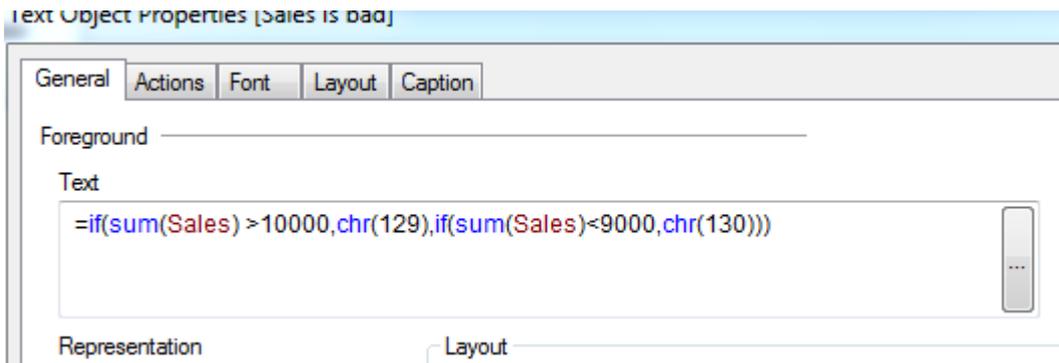
Year	
	2010
	2011
	2012
	2013

Sales Data for the Year by months displayed in the Straight table below for you to see the data behind this icon design

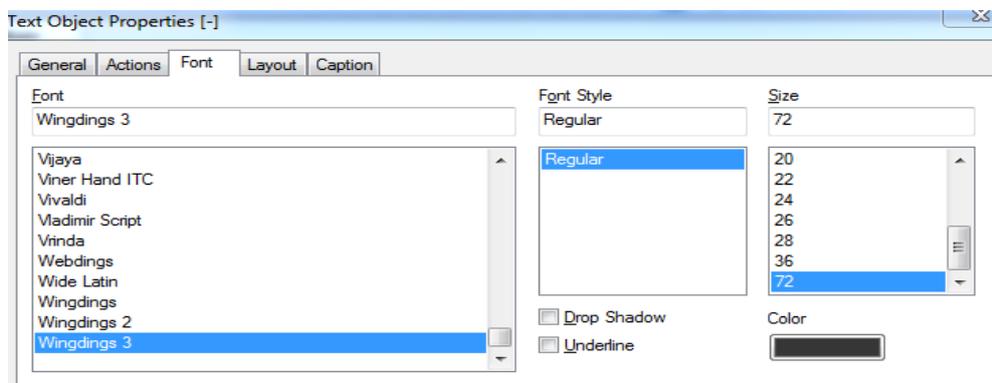
Year	Month	sum(Sales)
		<b>15489</b>
2010	January	2000
2010	July	14
2010	March	2785
2010	May	785
2010	September	1254
2011	April	354
2011	August	2502
2011	December	14
2011	February	354
2011	June	502
2012	April	210
2012	July	900
2012	June	210
2012	May	14
2012	November	210
2012	October	885

Now, our challenge is an icon indicator, telling us if a particular year performed well or not.

Launch QlikView, insert a sheet, and import your data if you haven't imported your data. Right click in the sheet and the floating menu is displayed. Select Text Object. Under the General tab, select the eclipse (...) for text and enter

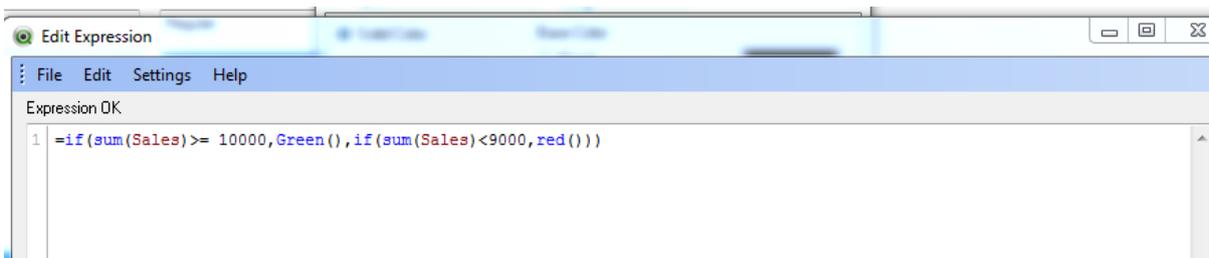


Select the Font tab, Font is Wingdings 3, Size 72



Still on the Font tab, select the color just under the 72 and enter

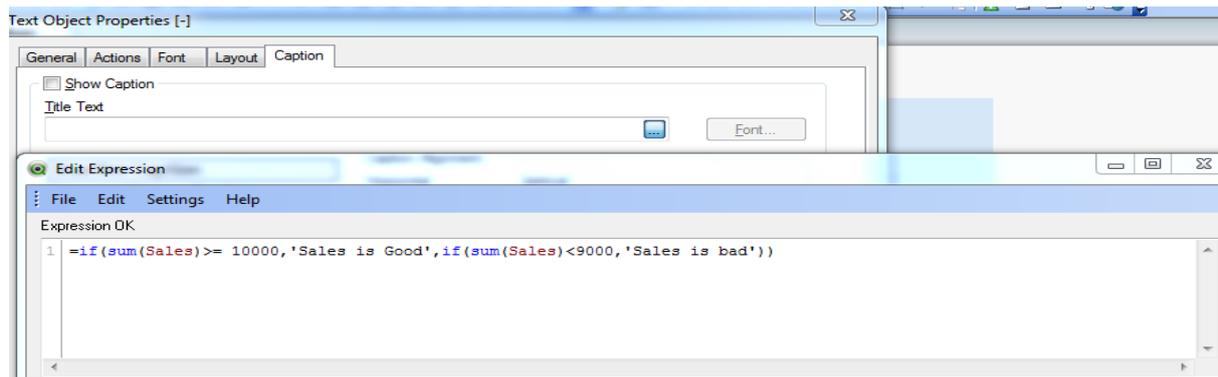
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=if(sum(Sales) >= 10000, Green(), if(sum(Sales) < 9000, red()))
```



Click Ok and OK.

Click the Caption tab.

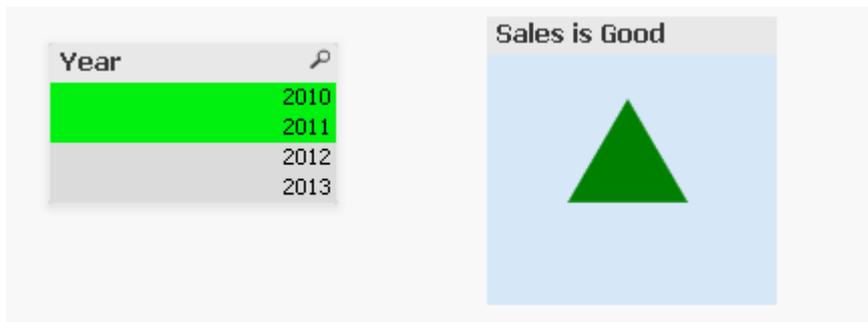
Check Show Caption check box, then click the eclipse (...) for Title text



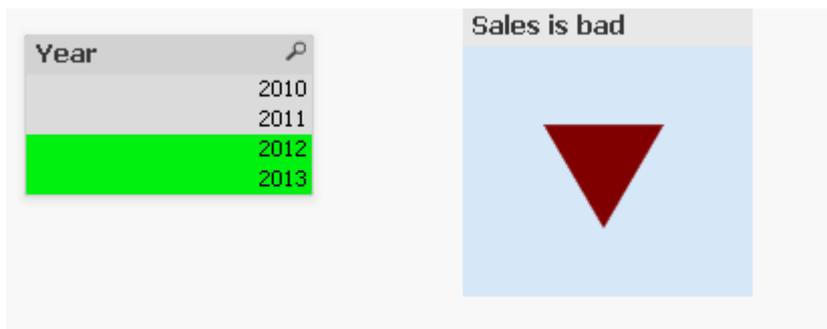
*Note: All the expressions in this blog can be customised to reflect business requirement or rules.*

Click OK and OK

Now if you select from the list box for year 2010,2011 . The result is the icon showing green up arrow. Also what will change according to sum of sales is the Title



If you select from the list box 2012,2013. The result is red arrow down. Also what will change according to sum of sales is the Title



You can select each year if you wish to.

Lastly, you can display the total sum of sales for year selected,( or % should you wish) . Right click in the sheet and the floating menu is displayed. Select Text Object.

Under the General Tab in the Text field enter =sum(Sales)



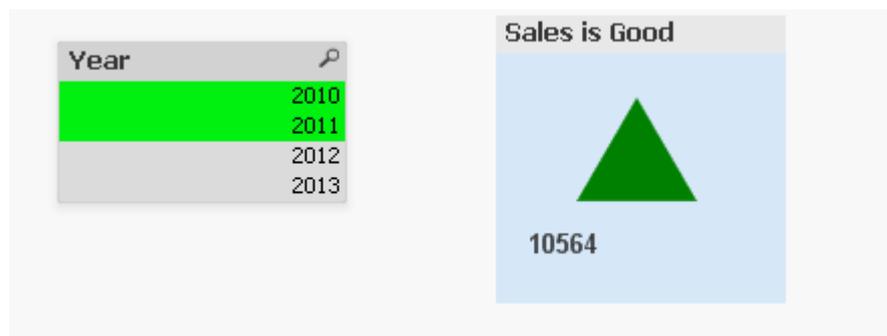
Still in General Tab select background color, in the Base Color select Fixed, change the color to white and drag the slide bar for Transparency to 100%. Click OK

Click the Font tab change the Font Style to Bold and Size to 10.

Ensure that, under the Layout tab Shadow Intensity is No Shadow and Border With is zero (0).

Now drag the text object into the icon indicator, place it anywhere of your choice.

If you make any selection from the year the icon will change, the Title will change and the sum of sales for selection is also displayed.



I am aware that QlikView is a powerful BI tool, capable of much more. What I am trying to say is that, icon in QlikView design is a very useful way to communicate to the users. It can be utilised much more and the expression can also be complex, even use Set Analysis.

All I can say is explore.

I also enjoy learning, if QlikView expert wanted to add more to this and or educate us, please feel free.

Best Regards,

Gabriel Oluwaseye

