BizViz How-to-Guide

Dashboard Designer

Dynamic Visibility

Release : 2.0

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1. Document Purpose

The scope of this document is to guide users on how to implement dynamic visibility action in dashboards. In order to create dynamic visibility, feature it is recommended that users follow the step-by-step process given below.

2. Prerequisites

2.1. Software

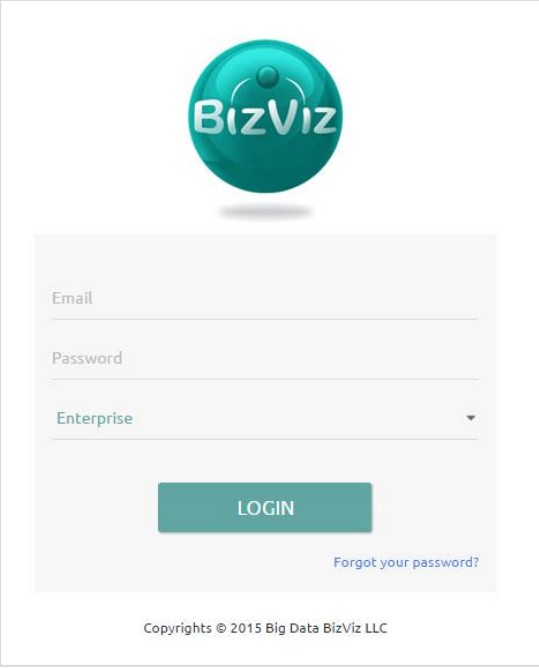
- Browser that supports HTML5
- Operating System: Windows 7

2.2. Basic understanding of the BizViz Server

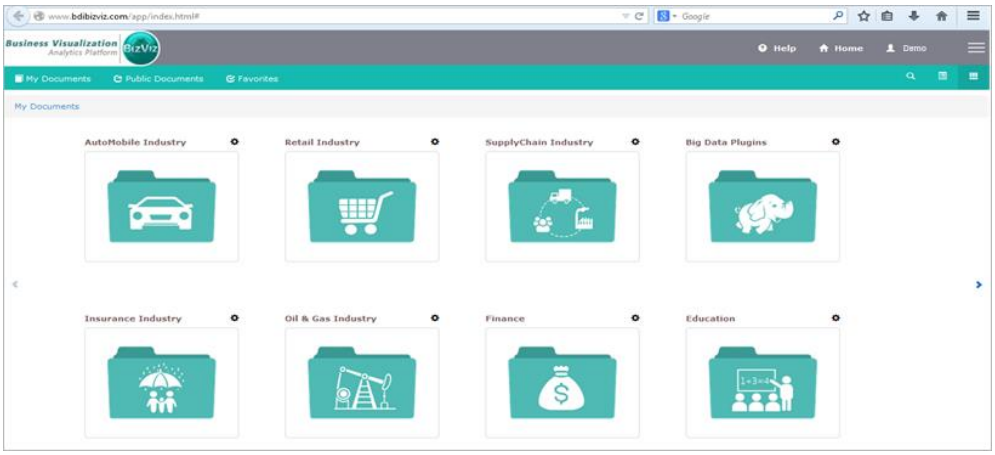
3. Step-by-Step Process

3.1. Login to the BizViz Portal

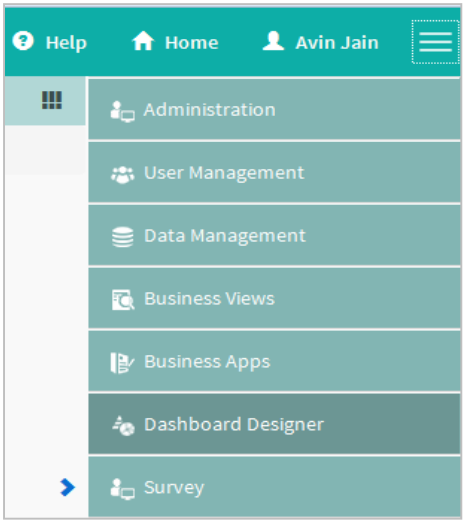
i) In the URL bar, enter → http://apps.bdbizviz.com/app/index.html
ii) Enter your credentials to Login



iii) Click on '**Login**' to view the BizViz Portal Home Screen



iv) Click on the '**Menu**' button to display a list of the installed applications.

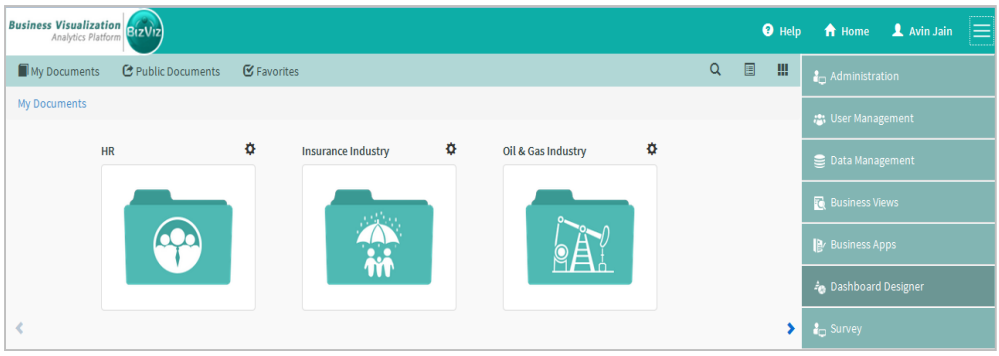


v) Click on the '**Dashboard Designer**' plug-in as shown above.

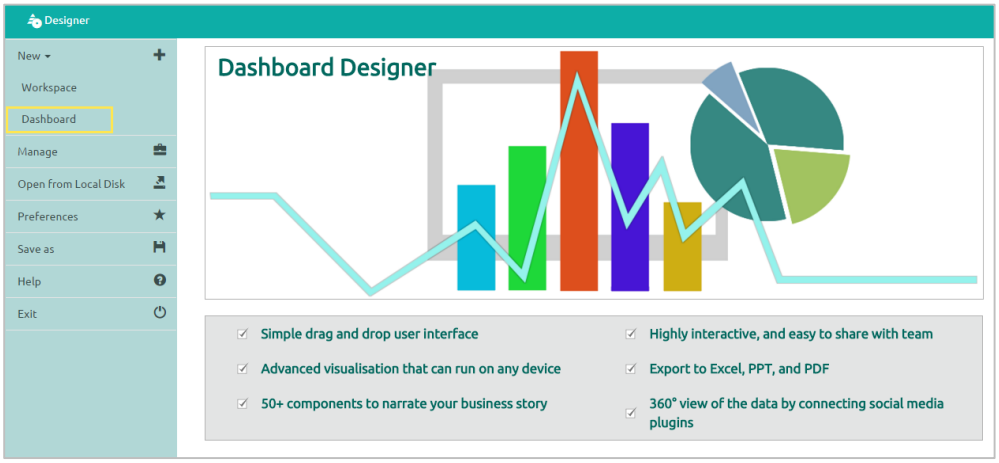
3.2. Creating Dynamic Visibility feature

i) Go to the Dashboard Designer Home Screen, as shown below.

From the Apps drop-down menu, select Dashboard Designer.



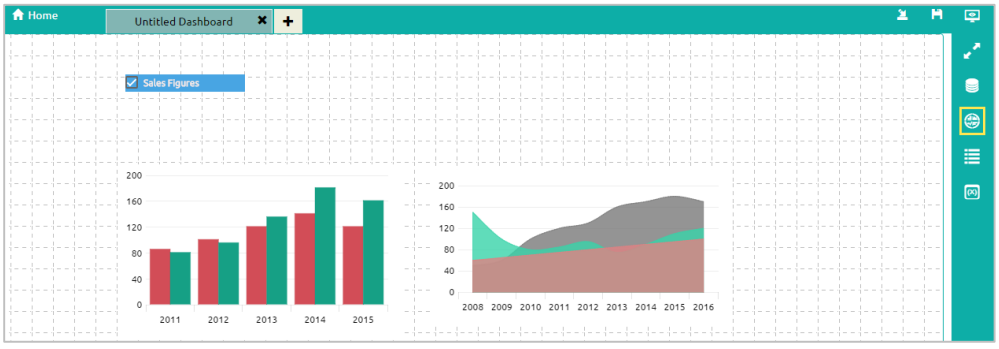
ii) Select '**Dashboard**' to create a new dashboard.



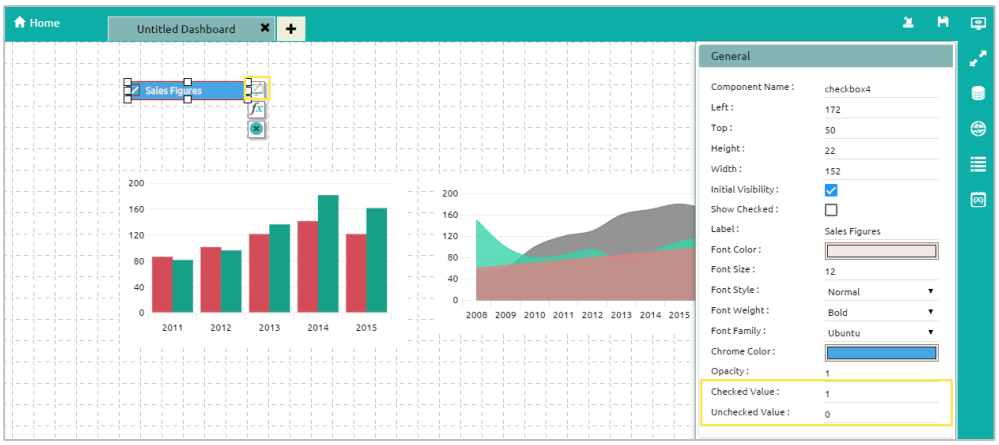
iii) After selecting '**Dashboard**', a web page will open.

iv) Click on the Charts icon  and drag and drop the '**Check Box**', '**Column Chart**', and '**Area Chart**' components into the canvas.

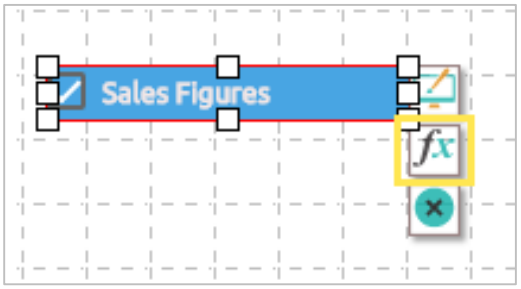
Note: Create data connections for all the components which have been dragged onto the canvas. (**Ref:** Creating Excel Data Connection '**How-to-Guide**')



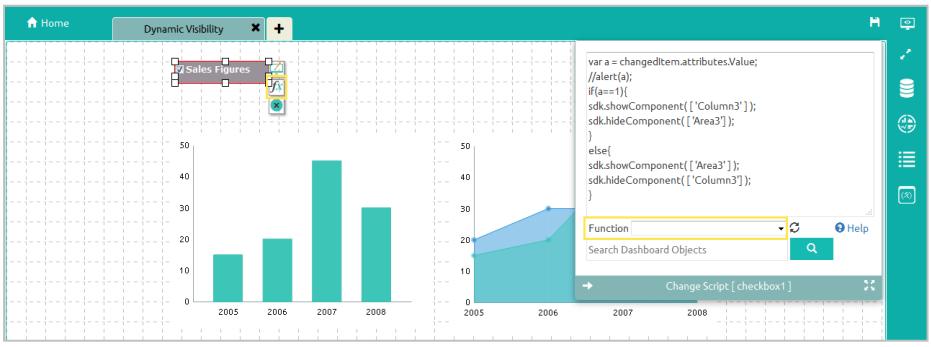
v) Click on the '**Appearance**' icon next to the label component (shown below in the yellow box) and set Checked Value to '**0**' and Unchecked Value to '**1**' (as shown below).



- Click on the '**Script-on-change**' icon  which is provided next to the label component (as shown below).



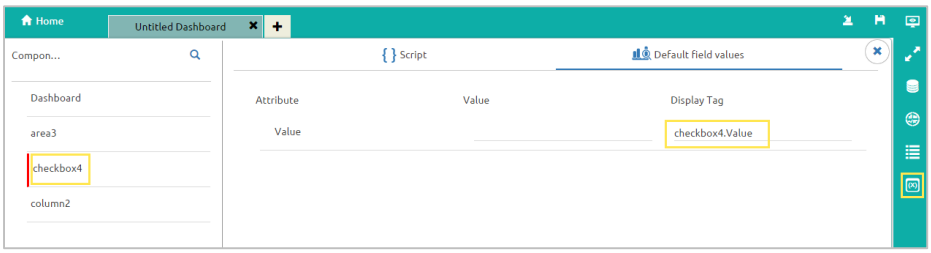
- After clicking on the '  ' icon, a '**Change Script**' window will be displayed where the user should write a script by using the functions provided in the dropdown menu.



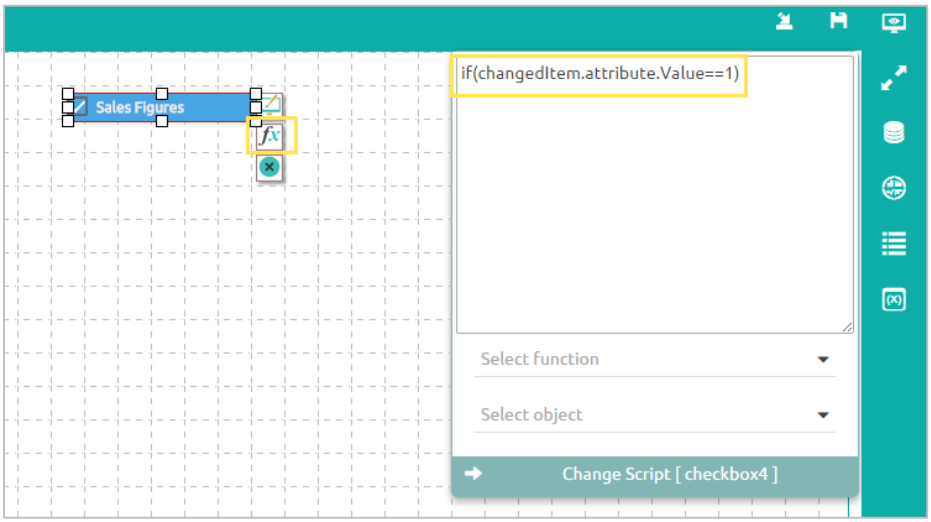
How to write a script:

- First, pass the '**Check Box**' value to the script 'if' function.

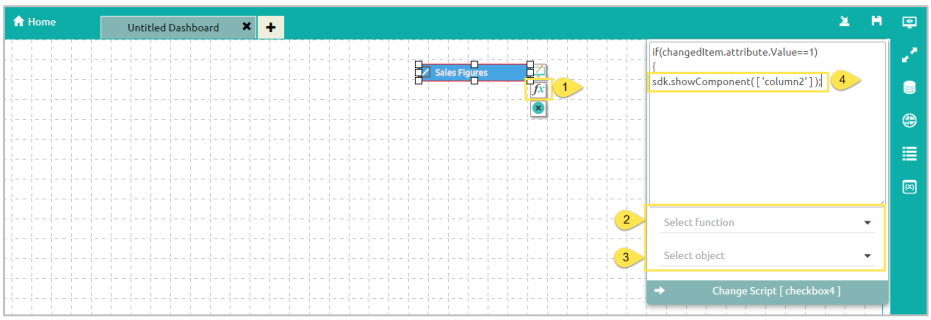
  To do this, click on the '**Component Attributes**' icon on the right edge of the screen and copy the '**Display Tag**' value, as shown below.



- Now pass the '**Display Tag**' value to the '**if**' function of the '**Check Box**' Change Script window (as shown below).

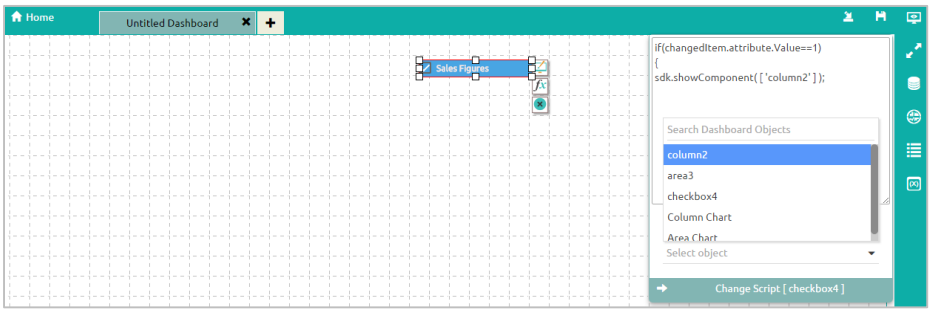


- Select the '**Show and Hide**' function from the '**Function**' dropdown menu.
- If the '**Value == 1**' (in other words, if the check box is enabled), the Column chart should be displayed. For this to occur, place the '**Show Component**' function under the '**if**' function, as shown below.

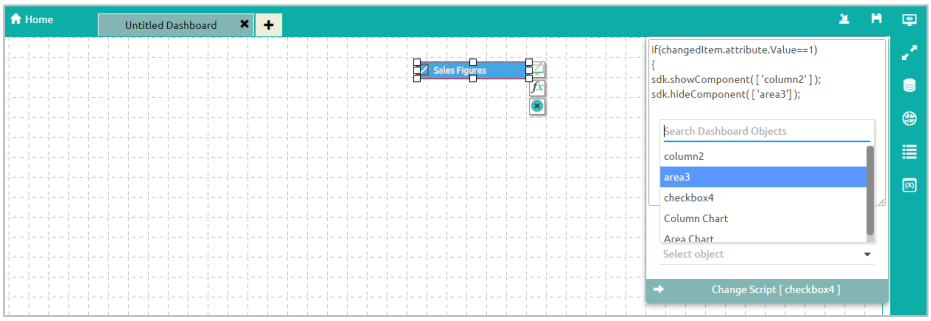


- Pass the '**Column chart**' value to the '**Show Component**' function which was placed under the '**if**' statement, as shown above.

  To accomplish this, the user has to search for the Column chart in the Search Object dropdown provided and then select it (as shown below).

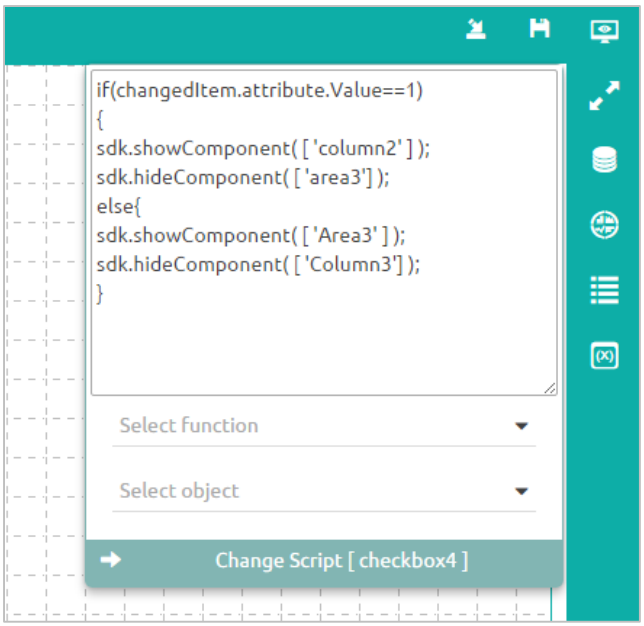


- When the Column chart is passed to the '**Show Component**' function, make sure that area chart is hidden. To do this, pass the area chart value to the '**Hide Component**' function, as shown below (similar to what was done for the Column chart).



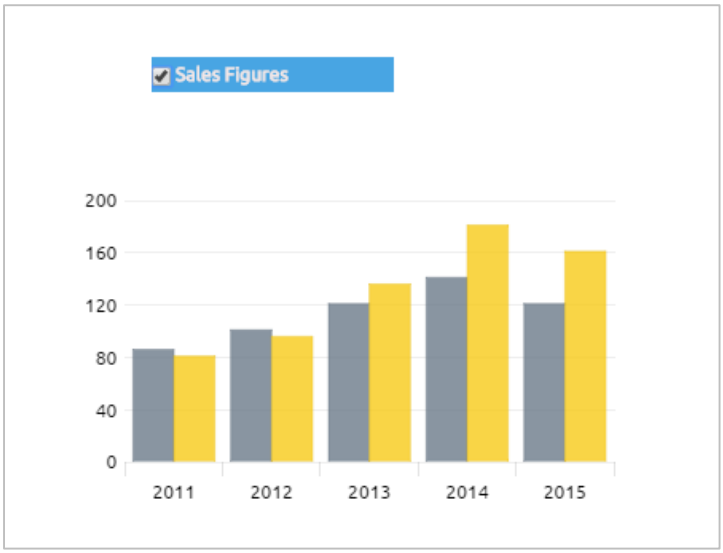
- If the '**Value == 0**' (in other words, if the check box is disabled), you need do the opposite of the function we used earlier so that when the user unchecks the Check Box, the '**Area chart**' will be displayed and '**Column chart**' will be hidden.

  To accomplish this, we need to write the following script:



a. After entering the above script successfully, click on the '**Preview**' icon  to view the results.

b. In the below screen capture, since the '**Check Box**' is checked, the '**Column Chart**' is displayed.



- Unchecking the '**Check Box**' will cause the '**Area Chart**' to be displayed.