

Custom visuals in Power BI

Version 1.0

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Date: 11 May 2018

Purpose

This document covers the information about Custom Visuals used in Power BI Service. This is high level document and assume resource has basic knowledge of Power BI Concepts.

What are Custom Visuals?

The set of report visuals which are not "pre-packaged" and are created by developers using integrated development environment are called *custom visuals*.

Advantages

- Custom visuals help us to use visuals which can't be created out of box by Power BI.
- These visuals give us flexibility to create stunning visuals which are intuitive at same time as well.
- These visuals allow the report developers to meet the requirements of users by creating reports of their choice fulfilling the demands of design and data.

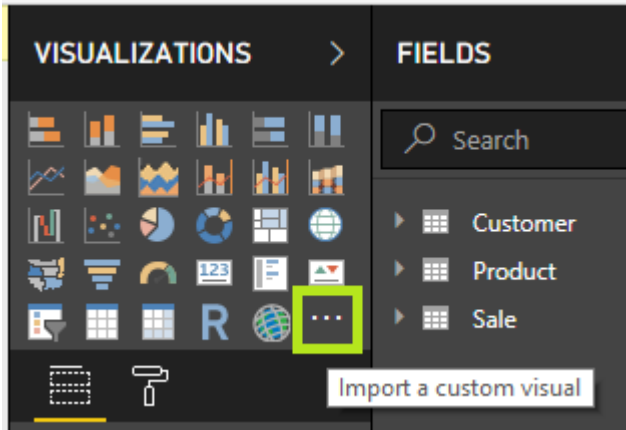
How to import Custom Visuals?

We can import custom visuals files in our reports and use them like other visuals present in Visualizations pane in Power BI. Following are the steps of importing these visuals-

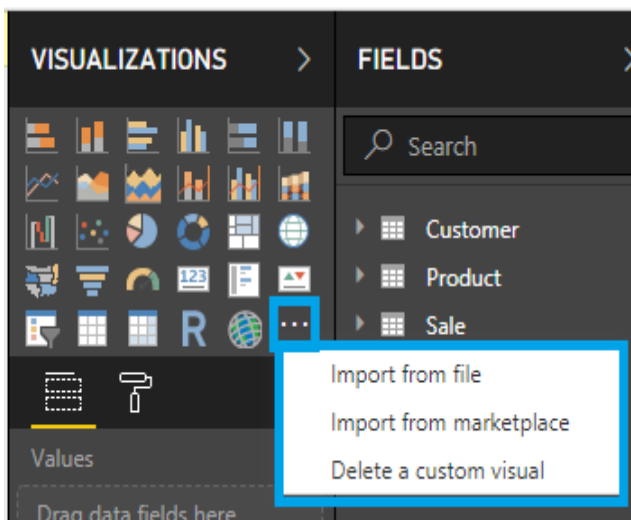
- 1.Open any report in Power BI where you want to add the custom visuals.
- 2.We can import a custom visual template by following two options:

From Visualizations Pane

- ❖ Click on ellipses (...) in the visualizations pane as highlighted below:

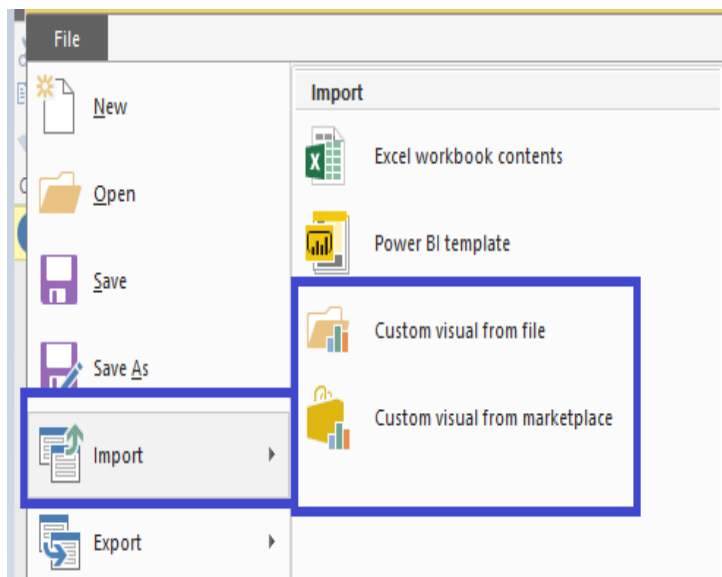


- ❖ A dropdown appears having following highlighted options



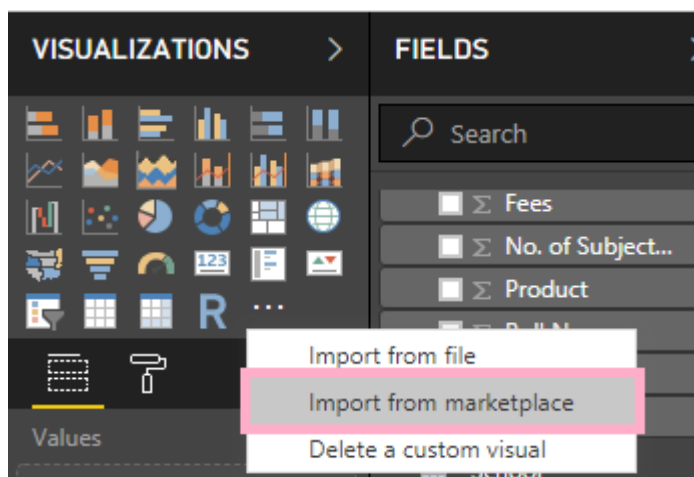
From File menu

1. Click on File menu and choose Import option from the list displayed. A dropdown opens with the following options



We can import these visuals from file as well as from marketplace by choosing “Import from file” or “Import from marketplace” options respectively.

- ❖ To import from file, click on Open file menu and go to the location where you saved the custom visual file with the extension “.pbviz”.Select the file and open the same by clicking on “open” button.
- ❖ To import from marketplace, click on the below highlighted option.



- ❖ Scroll through the list to select the visual to import. Click on “add” to import the desired custom visual.

Power BI Visuals

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Add

- ❖ If we are confused about the selection, then just double click on the visual to get the information about it as seen in below image and then click on “add” to select the same.

Power BI Visuals

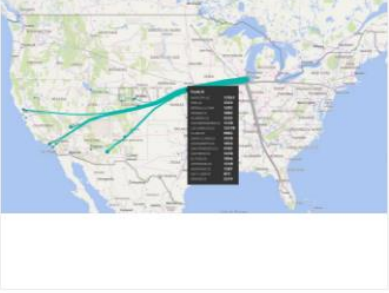
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 **Flow map**

Weiwei Cui
★★★★☆ (19)

Version: 1.3.6.0
Released: 4/7/2017
Languages: English

Add

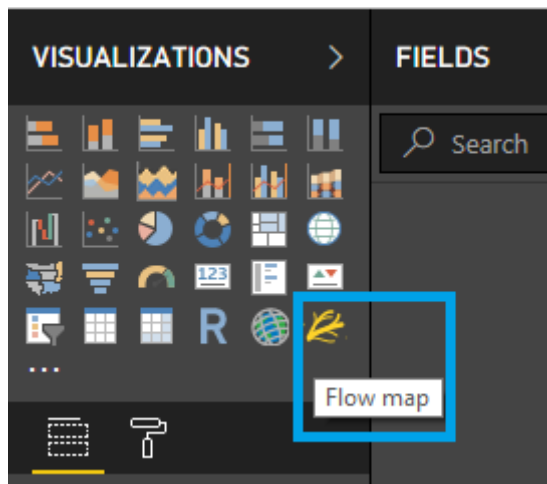


Description

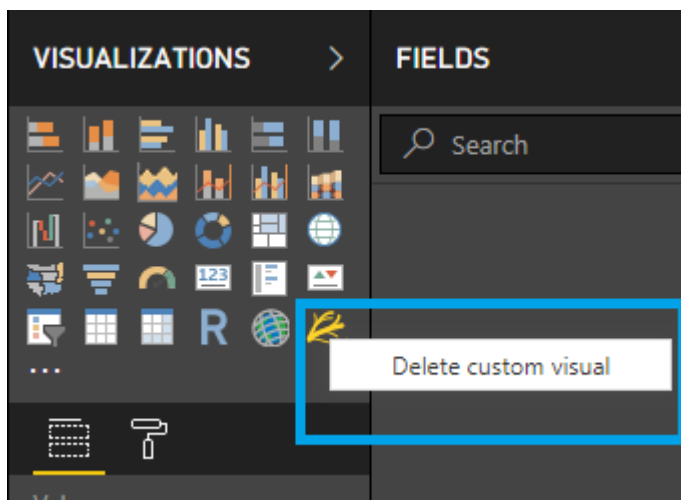
Flow maps are a special type of network visualization for object movements, such as the number of people in a migration. By merging edges together, Flow maps can reduce visual clutter and enhance directional trends. For more details, please visit: <https://weiweicui.github.io/PowerBI-Flowmap/>

Reviews

- ❖ The icon for the custom visual is added to the “Visualizations pane” and is ready to use in the report.



- ❖ We can also delete the added custom visual by doing right click on it.



Additional Information

- ❖ When we import a custom visual template to a specific report then it is added only in that report. If we want to use that template in another report then we would need to import it again in that report.
- ❖ The copy of custom visual template is saved with the new report, If a report having custom visual template is saved using "Save As" option.