

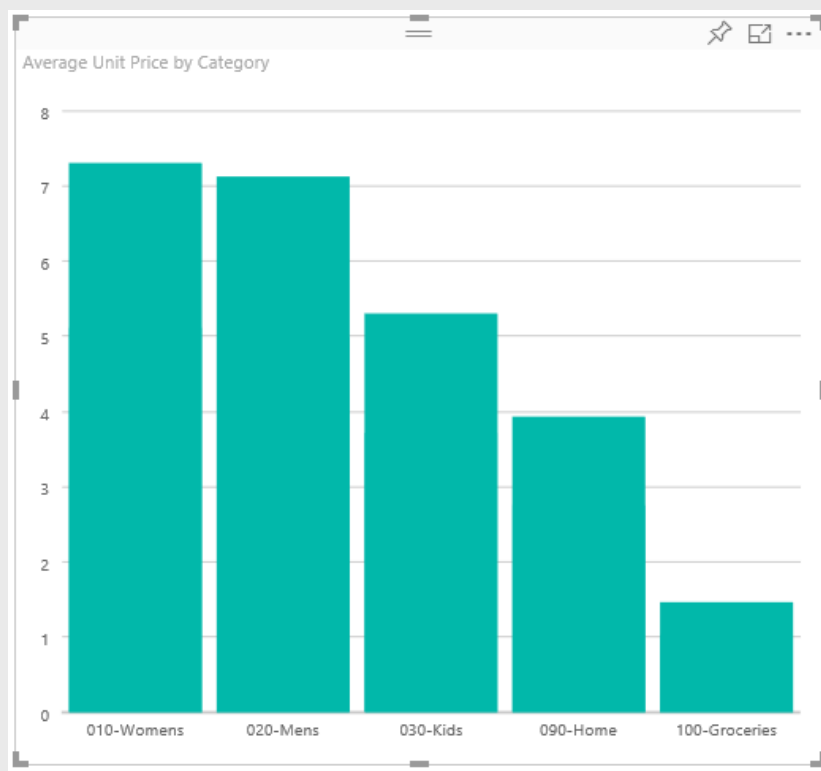
Infographic Designer Walk-Through

In this document, we will walk you through a few examples of using Infographic Designer to create customized, infographic style visualizations in Power BI.

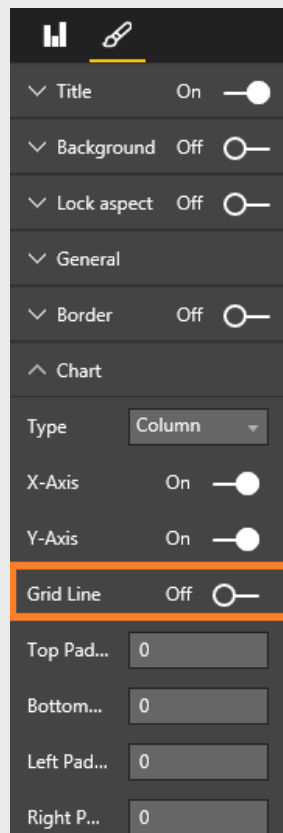
To get started, sign in to the Power BI service, import InfoNice custom visual, and open the *Retail Analysis Sample* report in Editing view (follow [this web page](#) to connect to the sample dataset if you have not).

Try it:

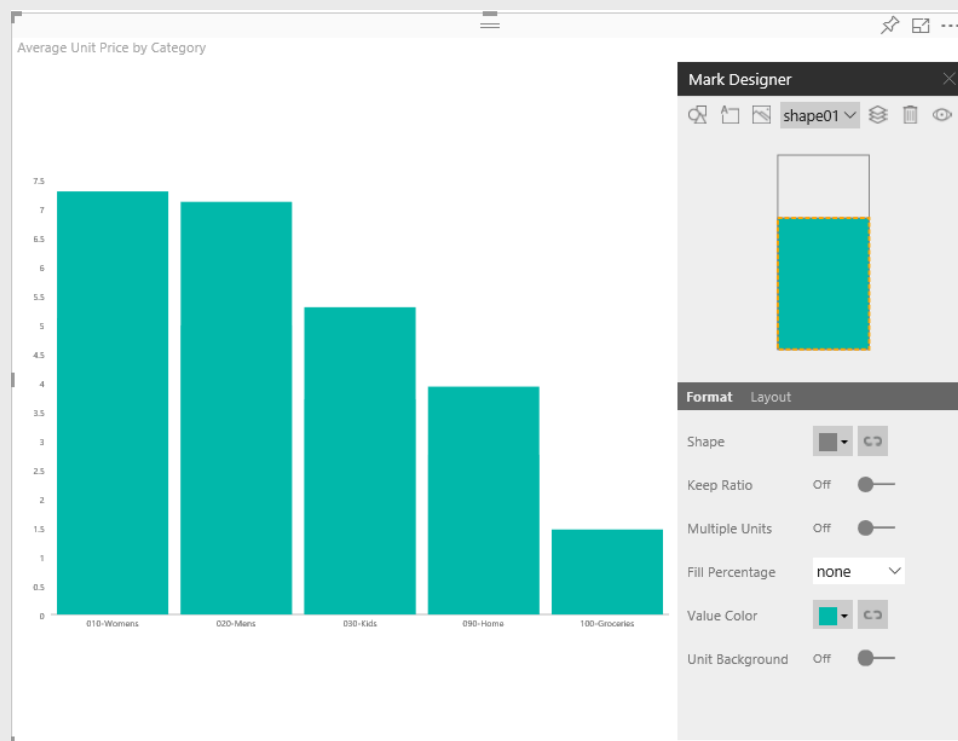
1. Select InfographicDesigner visual from *Visualizations* pane.
2. Select "Average Unit Price" field and "Category" field from *Fields* pane, and from the *Visual level filters* list in Visualizations pane, click to select some specific "Category" values of interest: "010-Womens", "020-Mens", "030-Kids", "090-Home", and "100-Groceries".
3. As shown below, you will get a Infographic Designer column chart with default rectangle marks, just similar to a standard column chart:



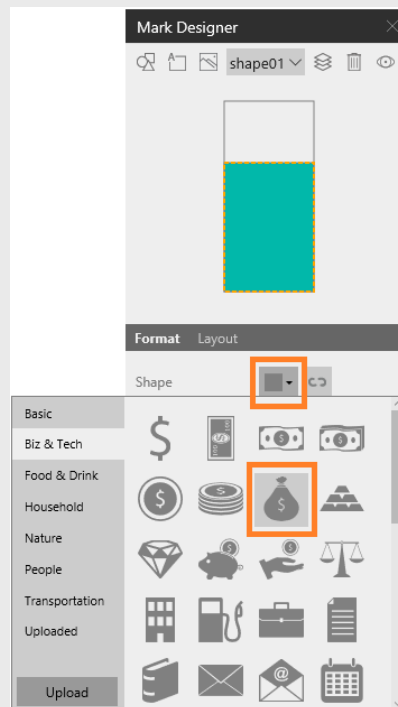
- Go to *Visualization* pane, and select the *Grid Line* option to "Off" to remove the grid line on the visual:



- Resize the visual to an appropriate size, or open it in *Focus* mode. Hover mouse over the visual, and click the "Edit Mark" button to open the *Mark Designer* pane within the visual:



6. To replace the default Rectangle shape with another shape (e.g., MoneyBag icon), click the *Shape* drop-down in *Mark Designer*, and select an icon from the *Icon Selection* dialog:

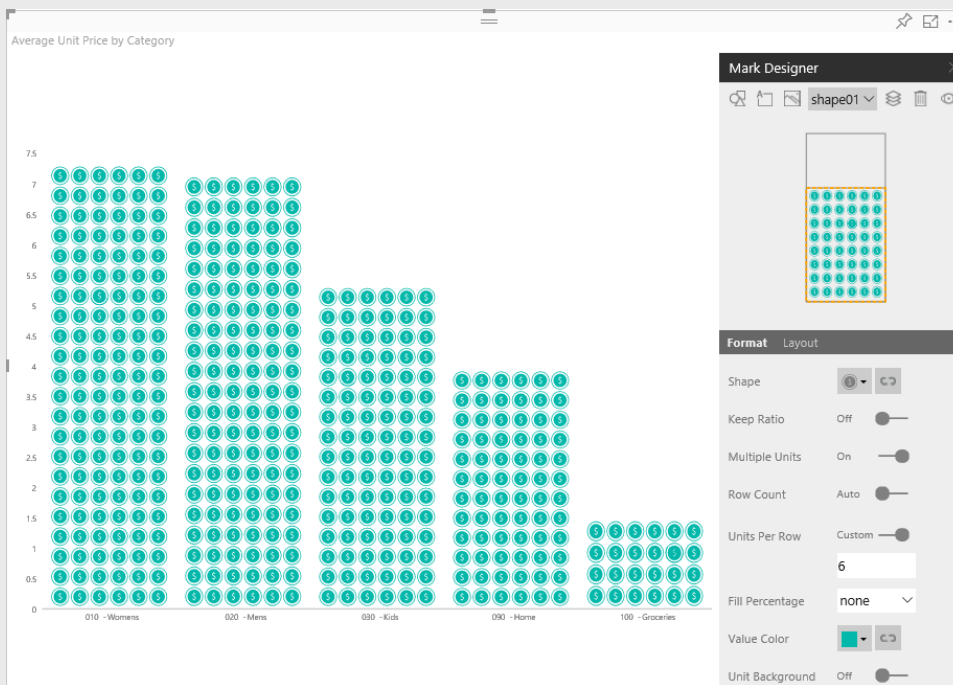


7. Now you get a column chart that use single icon as the column mark:

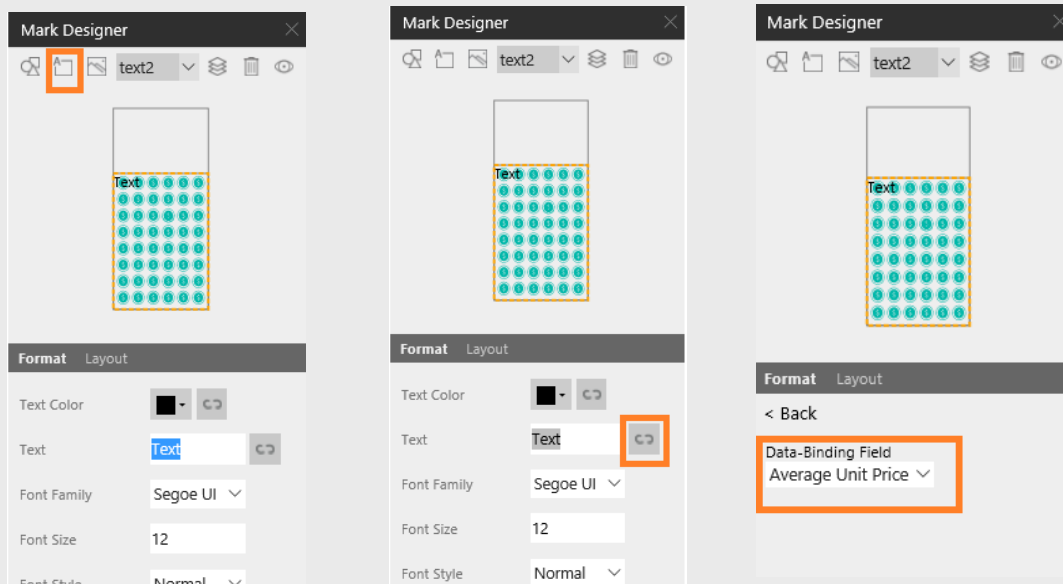


8. Next you can modify the mark to be multiple units of another icon (e.g. Coin icon)
 - a. Change the icon to Coin icon
 - b. Select the *Multiple Units* option to On
 - c. Set *Row Count* as "Auto", and *Units Per Row* as "Custom", and input a number "6"

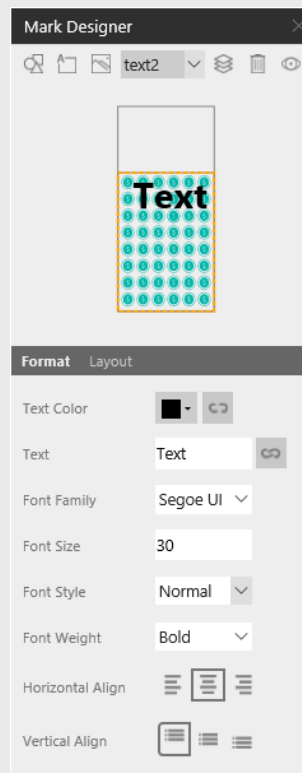
The new visual is as blow:



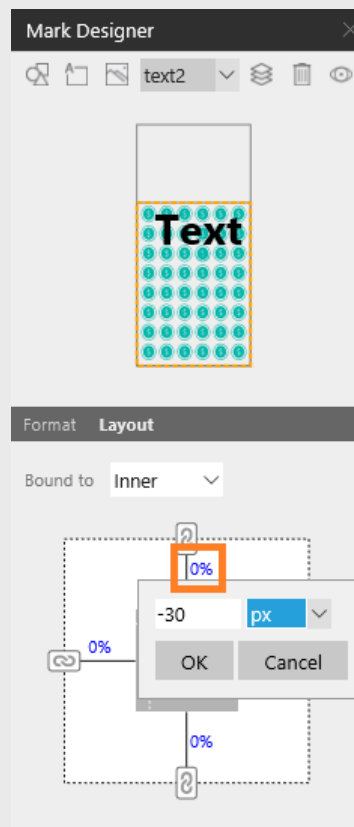
9. Further, you can add a text box to column to display the Average Unit Price values
 - a. Click *Insert Text* button to add a text element to the mark
 - b. Click data binding button next to the Text edit box, select "Average Unit Price" as Data-Binding Field, and click "Back" button to apply the data binding



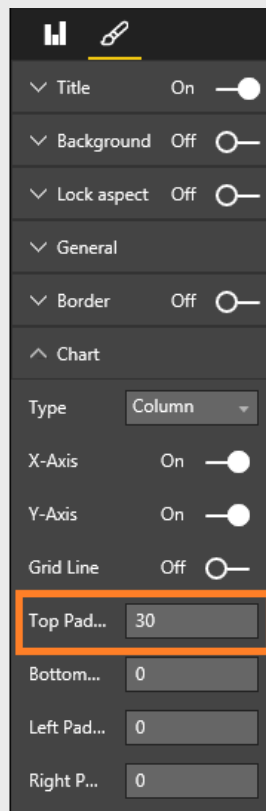
- c. Set text style as: *Font Size* = 30, *Font Weight* = Bold, and *Horizontal Align* = Center



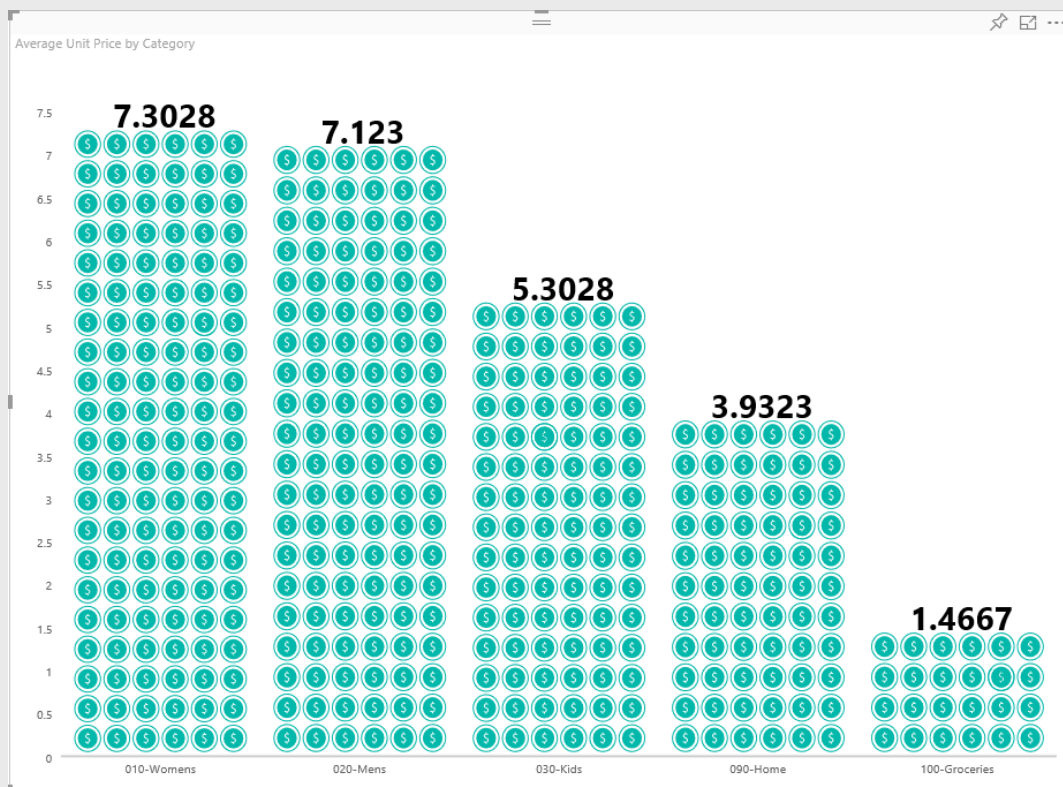
- d. Go to *Layout* tab. Click *Top Distance* label, and modify it as "-30 px". Use a negative top distance so that the text element can be placed on top of the icon element.



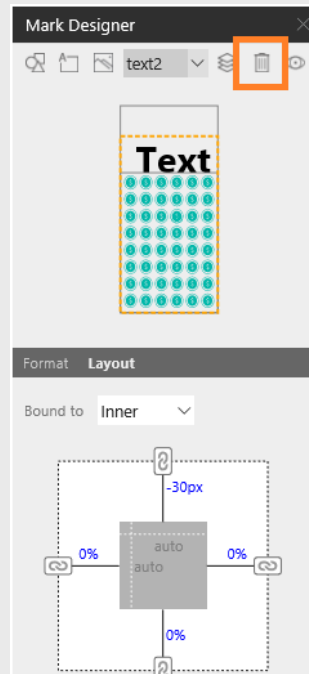
- e. Go to *Visualizations* pane. Increase the *Top Padding* value in *Chart* settings if you need more room to show texts on top of the mark bound.



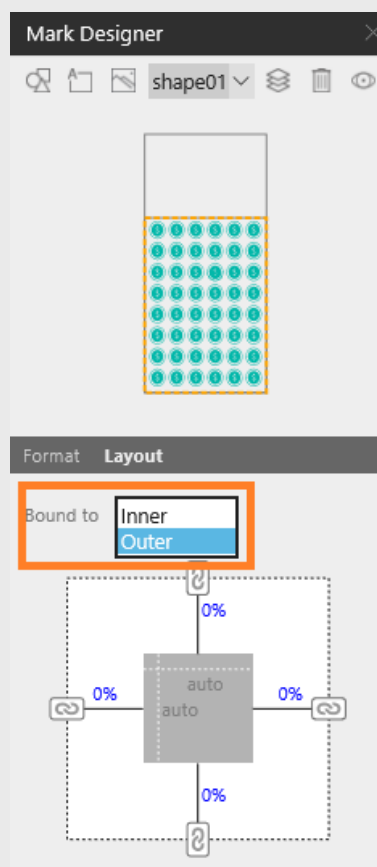
10. The visual is changed as below:



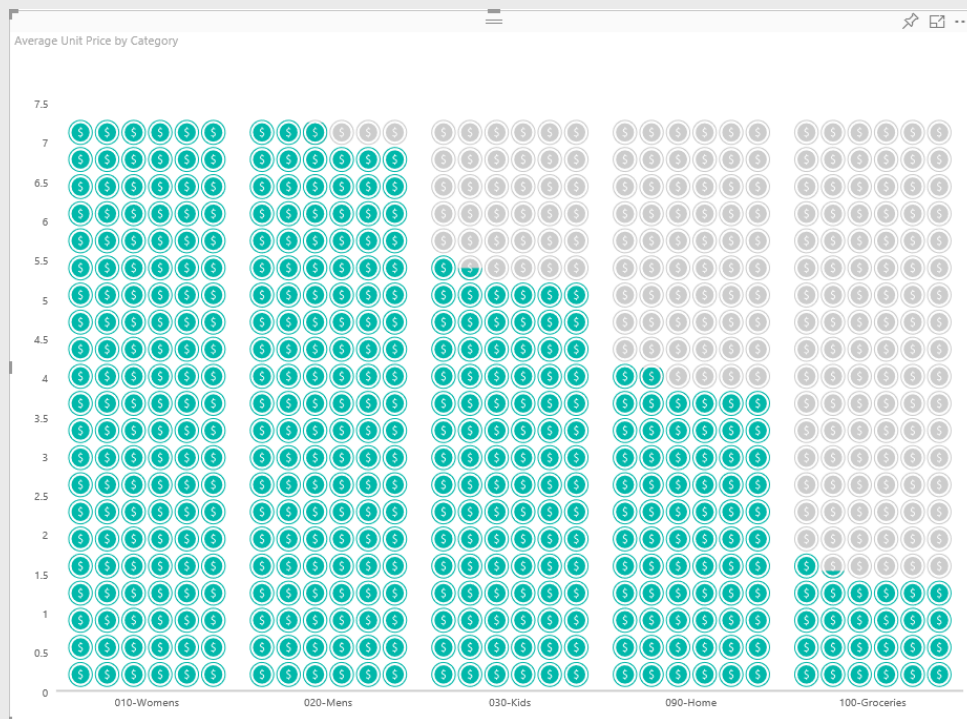
11. Now let us select the text element in Mark Designer, and delete it.



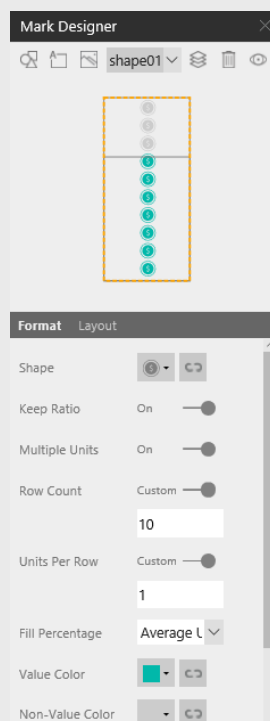
12. Select the Shape element. Choose outer boundary as its layout base by selecting "Outer" from *Bound To* list box in *Layout* tab.



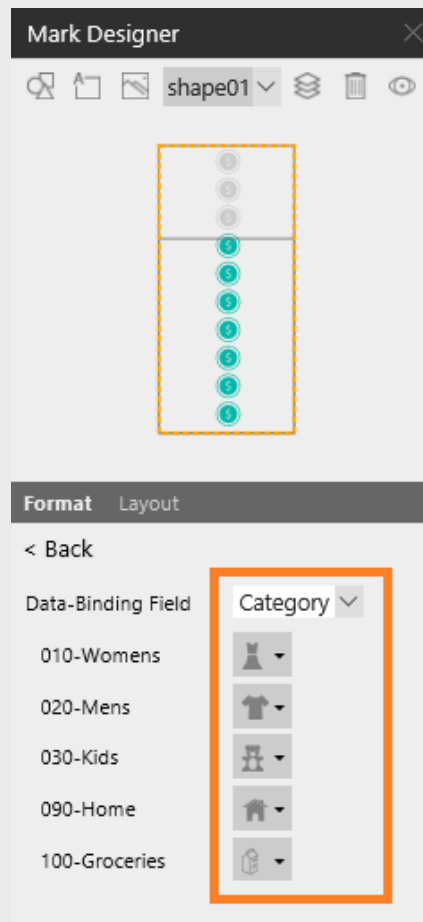
13. Go to *Format* tab. Assign *Average Unit Price* values to the shape by selecting it from *Fill Percentage* list box. You can change *Value Color* and *Non-Value Color* if needed.
14. You will see in the visual, each mark is composed with multiple-unit icons that highlight the percentages of each *Average Unit Price* value according to the max one using the colors you have specified.



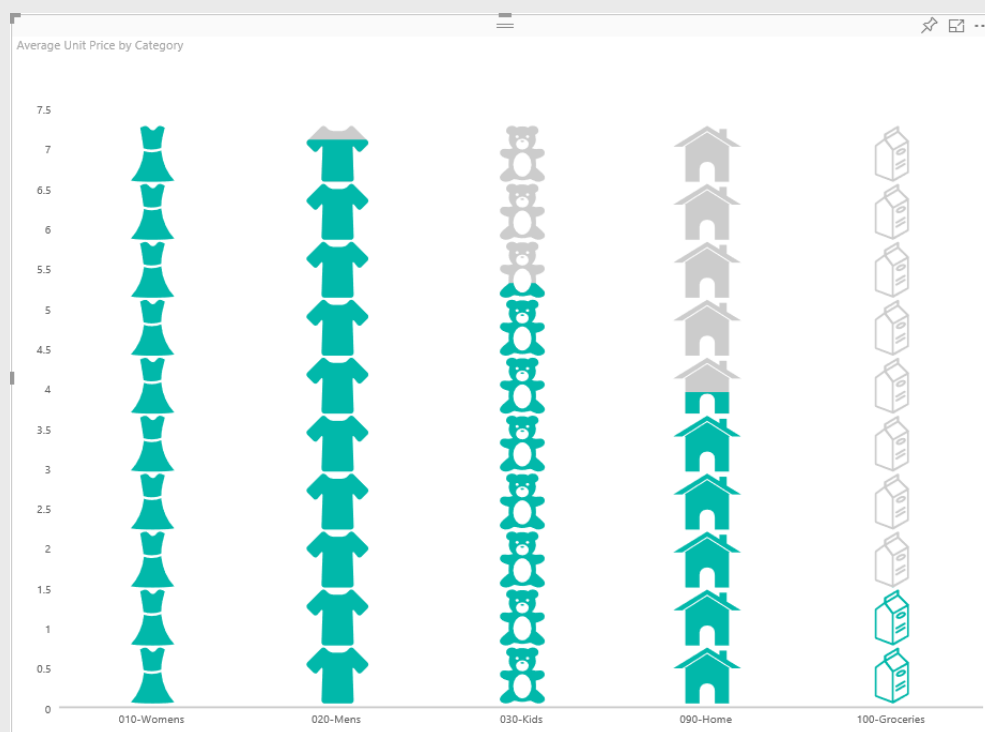
15. Next lets modify the rows and columns of multiple units of the shape. Set *Row Count* as "10", and *Units Per Row* as "1". Select *Keep Ratio* option to On.



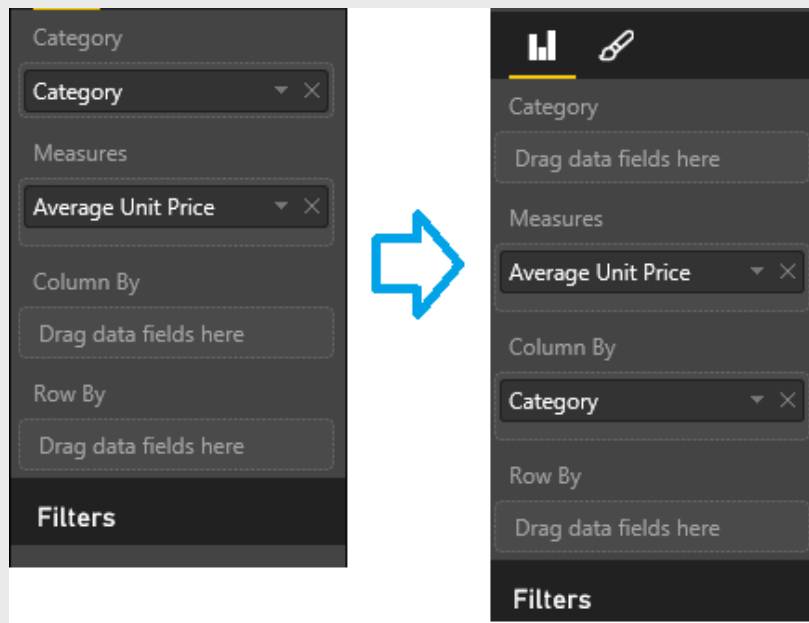
16. Click data binding button next to *Shape* drop-down. Select "Category" in *Data-Binding Field* list box, and select different icons for each "Category" value. And click *Back* button to apply.



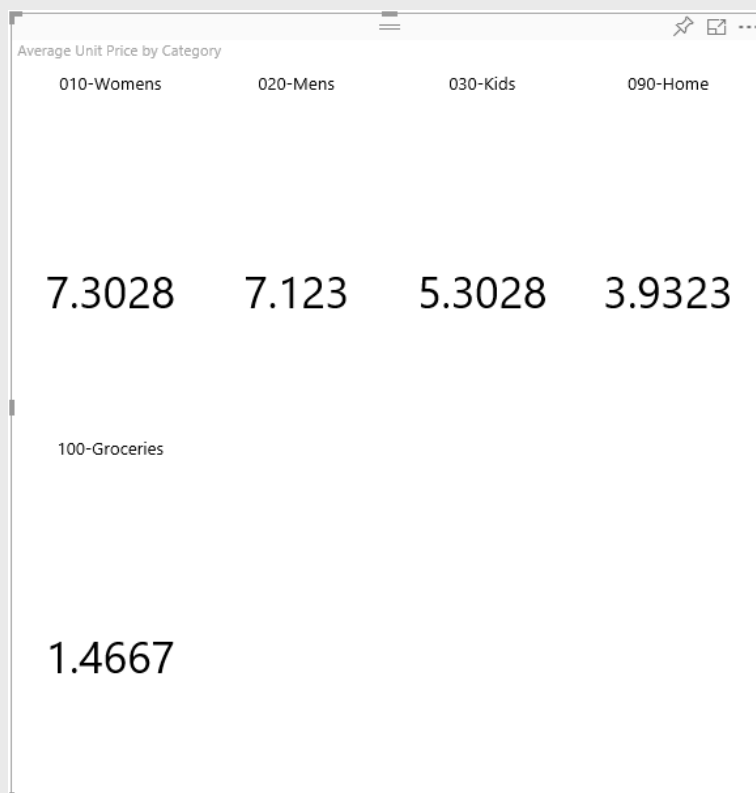
17. Now you get a visual that uses different icons to represent different sales categories.



18. If you move "Category" field from *Category* role to *Column By* role in *Visualizations* pane, you will turn above column chart into a small multiple of card chart.



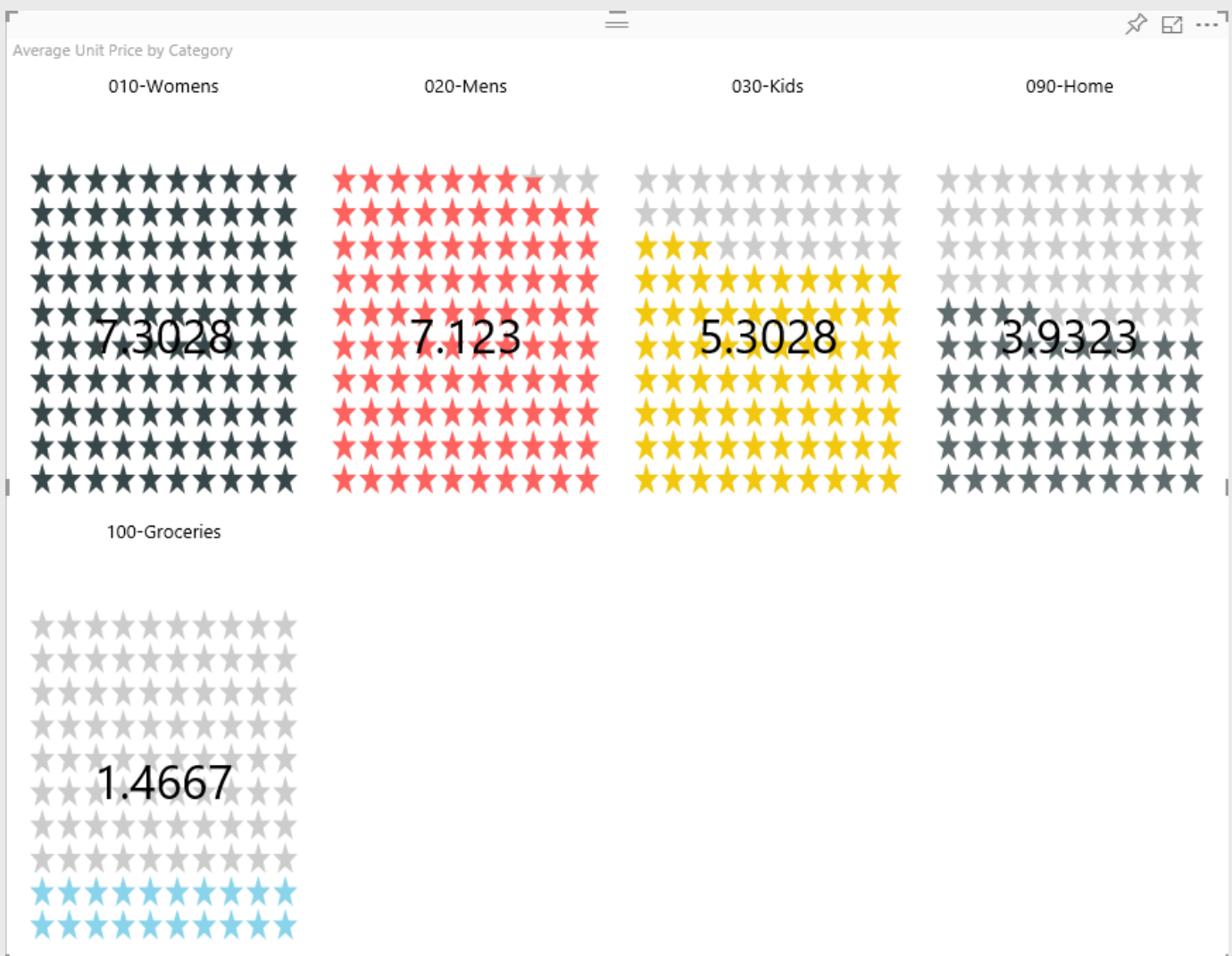
19. By default, in the small multiple, the card charts are arranged in Flow mode. And each card chart has a text element automatically generated as its mark. The text content is bound to the values of the measure ("Average Unit Price").



20. Now you can further beautify the marks of the card chart as follow:

- Insert a Shape element (e.g. Star icon)
- Set it as multiple units with *Row Count* as "10" and *Units Per Row* as "10"
- Select "Average Unit Price" from *Fill Percentage* list box to assign this measure to the multiple-unit shape
- Set data binding for *Value Color*. Set different colors for different "Category" values
- Click "Arrange Element" button and select "Send to Back" to place the text element on top of the shape element

You will get a more compelling card charts as shown below:



Please let us know your questions, suggestions, and feedback. Send us email: infonice@microsoft.com