

Custom Visuals - User Guide

1. Animated Fishtank Visual

A fun visual specially designed with specific functions for dynamic changes in threshold differentiation, A tri- colour theme is used here, Red is used for values below first threshold (minimum value), orange for threshold between minimum and maximum values and green for values exceeding threshold. This dynamic colour change functionality enables an interactive display and enhances the user experience. It enables easy monitoring of data trends at a glance.

About the Visual

1.The visual provides 2 fields. Please put categorical data in first field and numeric data in another field.

2. The visual can be used for live data.

3. There are four fields in the Detail tab.

A. Decimals – No. of decimals for the values. You can select up to 3 decimals from the selection box (0-3)

B. Units – A selection box is available, ranging from (1-4) 1 stands for thousand, 2 for million, 3 for Billion and 4 for Trillion.

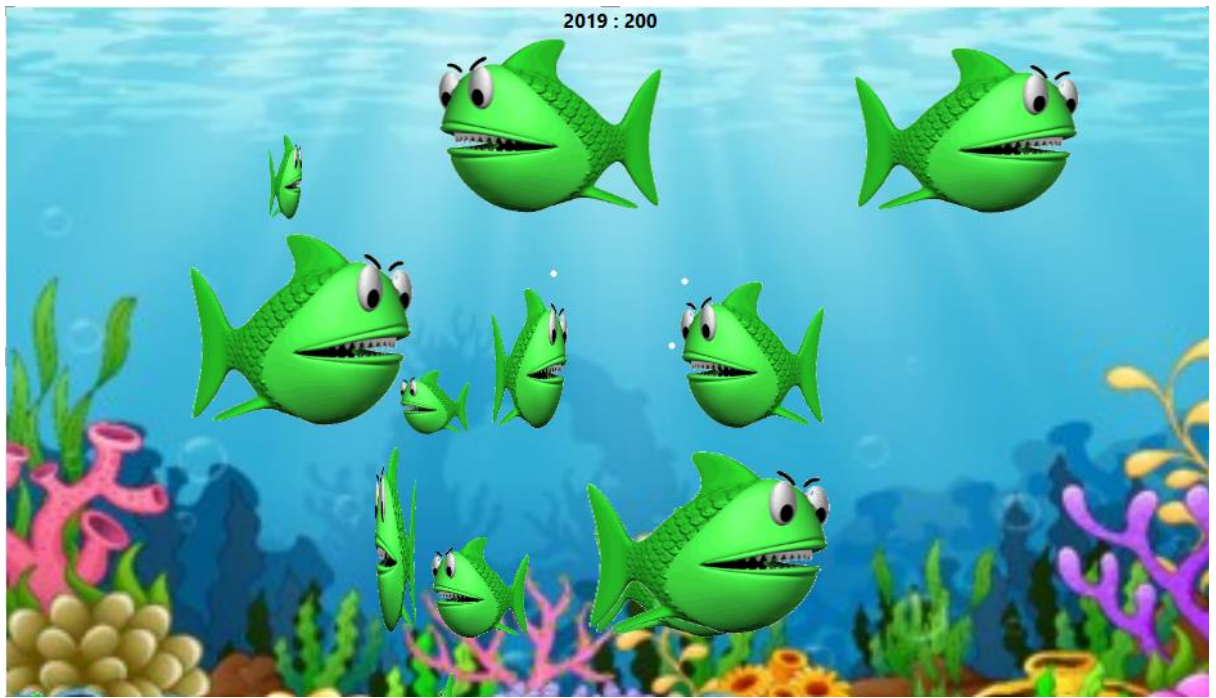
C. Currency – You can enter the currency symbol for your required currency in the currency box. E.g., please enter a \$ sign if your data values are in dollars.

D. Percentage – If you turn the toggle switch on, the numbers will be converted to percentage

Key Features

An animated visual used to effectively display threshold values in a fun way!

Screenshot



2. Weighing scale

A creative fun visual perfect for contrasting two components. When their values are identical, the scales will remain in equilibrium. Should there be a discrepancy, with one being greater or lesser, the corresponding side of the scale will tip downwards or upwards, vividly highlighting the variance immediately.

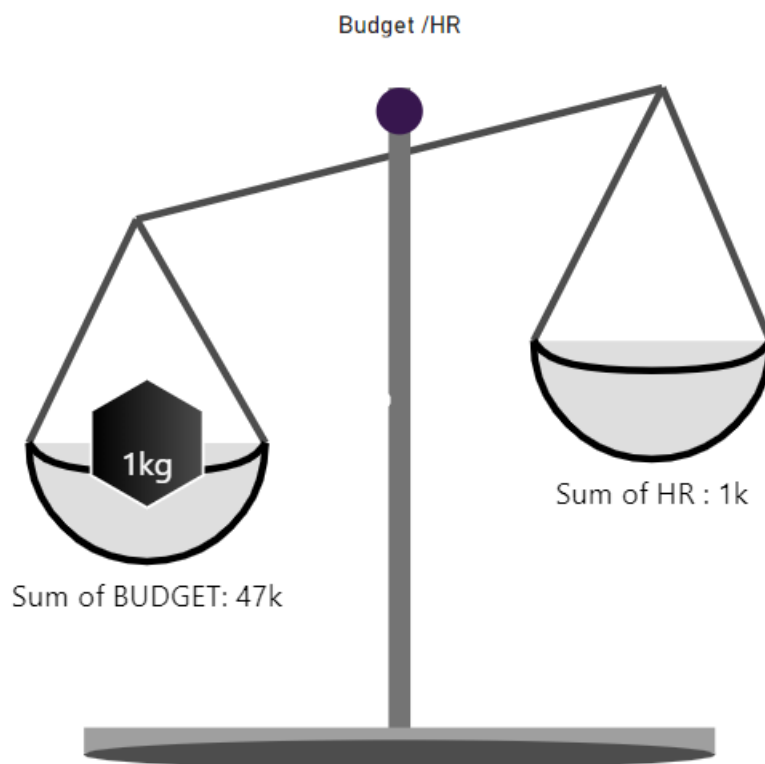
About the visual

1. The visual provides two fields – named Measure data and Measure data one.
2. In the Visual- Details field, there are four fields.
 - A. Decimals – No. of decimals for the values. You can select up to 3 decimals from the selection box (0-3)
 - B. Units – A selection box is available, ranging from (1-4) 1 stands for thousand, 2 for million, 3 for Billion and 4 for Trillion.
 - C. Currency – You can enter the currency symbol for your required currency in the currency box. E.g., please enter a \$ sign if your data values are in dollars.
 - D. Percentage – If you turn the toggle switch on, the numbers will be converted to percentage.

Key Features

1. Only two values can be displayed at a time.

Screenshot



3. Animated Trendline

An innovative visual to visually represent trends and patterns within data. It will help users clearly identify and understand the underlying structure and direction of data points. It will provide valuable insights for decision-making, forecasting, and analysis in a wide range of fields and applications. Each subcategory is assigned a distinct colour palette, enhancing the clarity of each subgroup while also adding elegance to the visual. The visual experience begins with a animation as the data loads, adding an element of fun and engagement for the viewer.

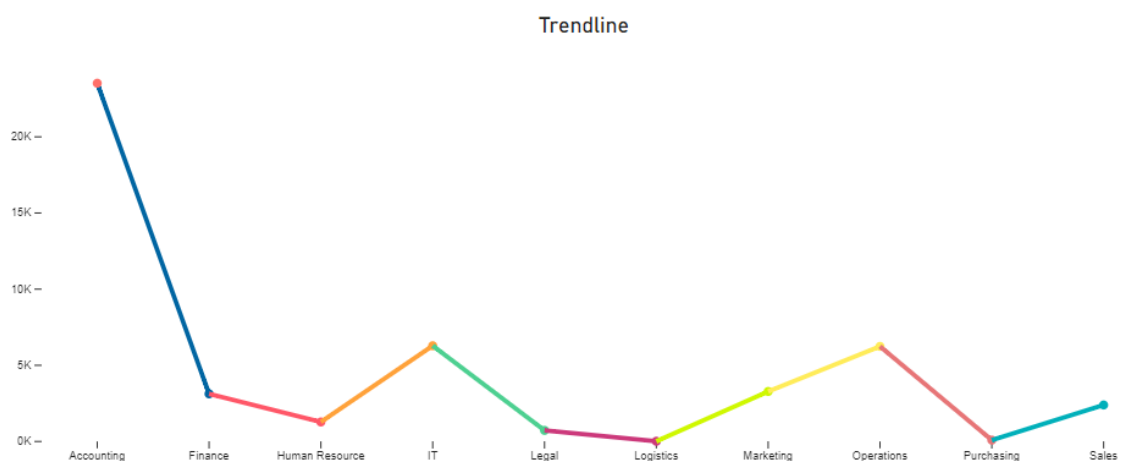
About the Visual

1. The visual provides 2 fields. One represents X Axis and the 2nd represents the Y Axis.
2. The values of the column/measure entered in the Y Axis field will be shown in the form of a trendline.
3. There are four fields in the Detail tab.
 - A. Decimals** – No. of decimals for the values. You can select up to 3 decimals from the selection box (0-3)
 - B. Units** – A selection box is available, ranging from (1-4) 1 stands for thousand, 2 for million, 3 for Billion and 4 for Trillion.
 - C. Currency** – You can enter the currency symbol for your required currency in the currency box. E.g., please enter a \$ sign if your data values are in dollars.
 - D. Percentage** – If you turn the toggle switch on, the numbers will be converted to percentage

Key Features

A new representation of trendline with colours and animation.

Screenshot

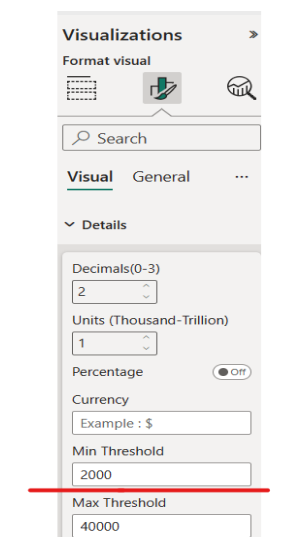


4. Conditional Cards

The card is an innovative visual designed to effectively illustrate the distinctions between various categories. It achieves this by displaying unique images for each category, enabling a clear and engaging comparison. Capable of representing up to three data representation types simultaneously, it's particularly useful for scenarios such as differentiating values that meet, fall below, or exceed a given threshold. The use of animated images not only adds an element of fun but also enhances the effectiveness of the demonstration, making the differences more apparent and memorable.

About the Visual

- 1.The visual provides one field where you can put data for one column/measure.
2. The system is organized into **three distinct categories** for clarity and precision in analysis. The first category, "**Below Threshold**," encompasses values that fall short of the established benchmark. The second category, "**Meets Threshold**," includes those values that precisely align with the set criteria. Finally, the third category, "**Above Threshold**," is reserved for values that exceed the predetermined standard.
3. To set threshold values, please navigate to details tab and scroll down to Min. Threshold and Max threshold. Please refer the screenshot below.



5. As shown above, please cut your data into 3 pieces. For example, if you have a data range starting from 1000 to 51000, please select the minimum threshold of your data as below 2000. Enter this value in minimum threshold
6. Now please select the maximum threshold of your data. For example, values that are falling above 50000.

7. The values meeting threshold will automatically get detected. In this case between 2000 and 50000.
8. The values above the maximum threshold are represented by a green signal light. The values in between two thresholds are represented by a yellow signal light. And values below the minimum threshold is represented by a red signal light. These images will help clearly identify thresholds and also add some fun element to the visual.
9. There are four fields in the Detail tab.
 - A. Decimals – No. of decimals for the values. You can select up to 3 decimals from the selection box (0-3)
 - B. Units – A selection box is available, ranging from (1-4) 1 stands for thousand, 2 for million, 3 for Billion and 4 for Trillion.
 - C. Currency – You can enter the currency symbol for your required currency in the currency box. E.g., please enter a \$ sign if your data values are in dollars.
 - D. Percentage – If you turn the toggle switch on, the numbers will be converted to percentage.

Key features

1. A visual that makes use of the signal theme to show difference.
2. **If you do not set a threshold, only green colour light signal image will be displayed.**

Screenshot



5. Animated Scroller free/ Width free bar chart

Use this fun and interactive visual that makes use of animation. Make your data stand out. This visual uses attractive colours and can show multitude of data in a very neat way. The animation makes it look unique. The visual provides a transition button right at the top and

you can easily make your visual animate. The animation is not dependent on any specific category, and you can use the animation with your available data.

About the visual

3. The visual provides only one field – values field
4. You can turn the data category names on /off as per your convenience.
5. You can turn the data value labels on or off as per your convenience.
6. You can use a slicer to categorise your data.
7. Use the Transition button at the top to start animation.
8. In the visual – Animation time field, you can select the animation time.
9. In the Visual- Details field, there are three fields.
 - A.** Decimals – No. of decimals for the values. You can select up to 3 decimals from the selection box (0-3)
 - B.** Units – A selection box is available, ranging from (1-4) 1 stands for thousand, 2 for million, 3 for Billion and 4 for Trillion.
 - C.** Currency – You can enter the currency symbol for your required currency in the currency box. E.g., please enter a \$ sign if your data values are in dollars.
 - D.** Percentage – If you turn the toggle switch on , the numbers will be converted to percentage.

Key features:

- 1.The chart enables a single axis.
- 2.Bars give an equally spread-out look, thereby avoiding cluttering in the centre.
3. You can make use of animation independent of any specific data category

Screenshot

