**KPI Column:**

Hello everyone,

Today we are going to look at a new custom visual, “KPI Column,” which is similar to a column chart

but each column will behave as an indicator when compared to a line representing individual target value.

Column color changes as per the difference in column height and its respective target line value.

This visual also has option to add a Target value which will be common for all columns.

Forecasted data can also be represented as column bars in this visual.

For forecasted column bars, the same target line can be used for forecasting and column will be displayed in separate manner (in translucent color) to differentiate them from actual values.

This visual will be very useful when you want to display actual data and forecasted data acting as indicators against Target data.

Now let's play around with the different formatting options available for this custom visual.

‘Y-Axis’ settings help us to update the color, display units and decimal places of Y Axis labels.

Expand ‘Y Axis’ settings, update the color, display units and decimal places.

‘Target’ settings help us to enable or disable, update the color and stroke width of the Target line

Turn on the ‘Target settings’ to show the Target line

Expand ‘Target settings’, update the color and stroke width of the Target line

‘Individual Target’ settings help us to enable or disable, update the color and stroke width of the Individual Target line

Turn on the ‘Individual Target settings’ to show the Individual Target line

Expand ‘Individual Target settings’, update the color and stroke width of the Individual Target line

Zone settings help us to set difference percentage and color for different zones

Expand ‘Zone settings’, update the upper bounds and color for each zone

**Tips for using this visual:**

1) Measure data field and category data field are mandatory in this visual.

2) To differentiate forecasted data from actual data, add a column which will contain 0's and 1's for forecasted data. Rows with 0 in ‘Forecasted’ field refers to actual data, rows with 1 ‘Forecasted’ field refers to forecasted data.

3) To display a target line in the visual, add data in full year target field

4) To display individual target line in the visual, add data in individual target field

5) If individual target field is set, then you can update the bar colors based on values specified in zone 1 upper bound and zone 2 upper bound fields in formatting pane.

Consider an example:

Upper bound value for zone 1 is 90 and for zone 2 is 101

This will create three zones: 0-89, 90-100 and 101 - above.

1. If bar value is less than individual target by 90% then color of 'Low' will be applied.
2. If bar value is greater or equal to individual target by 90% and < 101, then color of 'Medium' will be applied.
3. If bar value is less than 101, then color of 'High' will be applied.