

Hi there,

I created a **custom bar chart template** for *BloX*. Please find the instructions to implement it below.

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Implementation instructions

1. Create a new widget and select BloX on the widget type dropdown
2. On the design tab on the right, paste this script under **Editor**

```
{
  "style": "#tooltip::after {position: absolute; left:50%; margin-left:-2px; top:21px;content:''; width: 0; height: 0; border-left: 5px solid transparent;border-right: 5px solid transparent; border-top: 5px solid #a264b5;}",
  "script": "",
  "title": "",
  "showCarousel": false,
  "body": [
    {
      "type": "TextBlock",
      "text": "<div id='tooltip' style='position:relative; margin-left:calc({panel:percentage} + 117px); font-size:12px; color:#fff; font-weight:bold; background-color:#a264b5; width:50px; text-align:center; border-radius:3px; padding:2px 4px; overflow: visible;'>{panel:total}</div>",
      "style": {
        "width": "calc(100% - 150px)",
        "overflow": "visible"
      }
    },
    {
      "type": "ColumnSet",
      "columns": [
        {
          "type": "Column",
          "style": {
            "width": "140px"
          },
          "items": [
            {
              "type": "TextBlock",
              "text": "{panel:local_authority}",
              "style": {
                "text-align": "right",
```

```

        "font-weight": "bold"
    }
}
],
{
    "type": "Column",
    "style": {
        "width": "calc(100% - 140px)"
    },
    "items": [
        {
            "type": "TextBlock",
            "style": {
                "background": "#dedede",
                "transition": "width 2s ease",
                "margin": "4px 5px 0px",
                "width": "calc(100% - 10px)",
                "height": "10px",
                "border-radius": "5px",
                "overflow": "hidden",
                "display": "flex",
                "justify-content": "flex-start"
            },
            "text": "<div class='inner' style='height:100%; width:{panel:percentage}; background:#27a1b8;'></div>"
        }
    ]
}
]
}
]
}
}
}

```

3. Add the category you want to visualise under the "Item" panel on the left. E.g:

[Company Name]

4. Add the measure you want to visualise under the "values" panel on the left. E.g:

SUM([Revenue])

5. Add another formula under "values" to calculate the percentage of that value compared to the *Max* value among categories. It would look something like this:

SUM([Revenue]) / MAX([Company name] , SUM([Revenue]))

6. If you want to add some padding on the right side of the bar chart (so that the maximum value doesn't overflow our of the chart) you can do so by adding a multiplier to formula in the previous step like this:

`SUM([Revenue]) / (MAX([Company name] , SUM([Revenue])) * 1.1)`

7. On the editor panel, replace the name within `{panel:[NAME]}` to match your category and values. In the template "local_authority" should be replaced by the category added in step 1, "total" should be replaced by the value added in step 2 and "percentage" should be replaced by the formula created in step 3.

Please contact me at diegoc@profusion.com if you have any question.