

Creating the New Face of Buildertrend

Project Code

sdmay21-21

Overview

The code below is a small portion of what was written for our project. We were able to share these snippets with Buildertrend's permission.

Bar Chart

```
chart:{
    type:'bar',

height:response.props.reportData.categories.length*100+100
    },
    title:{
        text: response.props.title
    },
    colors: colorMap.get(response.props.colorGroup),
    tooltip: {
        backgroundColor:"#FFFFFFF",
        borderColor: '#DADADA',
        valueDecimals: response.props.decimals,
        valueSuffix : `${response.props.currency === true ? "$":
""}` ,
        pointFormat: '<span style="color:{series.color}">■
</span> {series.name} :<b> {point.y}</b><br/>'
    },
    yAxis: [
        {
            title:null,
            maxPadding: 0,
            plotLines: [{
                color: '#000000',
                width: 2,
                value: 0
            }],
            allowDecimals: false
        },{
            title:null,
            linkedTo:0,
            opposite:true
        }],
    xAxis:{
        categories: response.props.reportData.categories,
```

```

        crosshair:{
            color: 'rgba(63, 145, 196, 0.19)'
        },
        title: {
            text: null,
        },
        scrollbar:{
            enabled: true
        },
        pointRange:1,
        tickWidth: 1,
        tickmarkPlacement: 'between'
    },
    exporting: {
        enabled: true
    },
    legend:{
        layout: 'horizontal',
        align: 'center',
        floating: false,
        reversed: true,
        verticalAlign: 'top',
        symbolRadius:0,
    },
    series:response.props.reportData.series
};
}

```

Stacked Bar Chart

```

chart:{
    type:'bar',
    height:response.props.reportData.categories.length*100+100
},
title:{
    text: response.props.title
},
colors: colorMap.get(response.props.colorGroup),
tooltip: {
    split : false,
    shared: true,
    backgroundColor:"#FFFFFF",
    borderColor: '#DADADA',
    valueDecimals: response.props.decimals,
}

```

```
    valueSuffix : `${response.props.currency === true ? "$": ""}`,\n    pointFormat: '<span style="color:{series.color}">■ </span>\n{series.name} :<b> {point.y}</b><br/>',\n  },\n  xAxis:{\n    categories: response.props.reportData.categories,\n    crosshair:{\n      color: 'rgba(204, 214, 235, 0.25)'\n    },\n    title: {\n      text: null,\n    },\n    scrollbar:{\n      enabled: true\n    },\n    pointRange:1,\n    tickWidth: 1,\n    tickmarkPlacement: 'between'\n  },\n  yAxis: [\n    {\n      title:null,\n      maxPadding: 0,\n      plotLines: [{\n        color: '#000000',\n        width: 2,\n        value: 0\n      }],\n      allowDecimals: false\n    },\n    {\n      opposite:true,\n      linkedTo:0,\n      title:null,\n    },\n  ],\n  plotOptions: {\n    series: {\n      stacking: 'normal',\n      pointWidth:50\n    }\n  }\n}
```

```

    },
    exporting: {
      enabled: true
    },
    legend: {
      layout: 'horizontal',
      align: 'center',
      floating: false,
      verticalAlign: 'top',
      symbolRadius: 0,
      reversed: true
    },
    series: response.props.reportData.series
  };

```

Bullet Chart:

```

chart: {
  type: 'bar',
  height: response.props.reportData.categories.length*100+100
},
title: {
  text: response.props.title
},
colors: colorMap.get(response.props.colorGroup),
tooltip: {
  split : false,
  shared: true,
  backgroundColor: "#FFFFFF",
  borderColor: '#DADADA',
  valueDecimals: response.props.decimals,
  valueSuffix : `${response.props.currency === true ? "$": ""}`,
},
xAxis: {
  categories: response.props.reportData.categories,
  crosshair: {
    color: 'rgba(204, 214, 235, 0.25)'
  },
  title: {
    text: null,

```

```

    },
    scrollbar:{
        enabled: true
    },
    pointRange:1,
    tickWidth: 1,
    tickmarkPlacement: 'between'
},
yAxis: [
    {
        title:null,
        maxPadding: 0,
        plotLines: [{
            color: '#000000',
            width: 2,
            value: 0
        }],
        allowDecimals: false
    },
    {
        opposite:true,
        linkedTo:0,
        title:null,
    }],
plotOptions: {
    bar: {
        stacking: 'normal',
        pointWidth:50,
        tooltip:{
            pointFormat: '<span style="color:{series.color}">■
</span> {series.name} :<b> {point.y}</b><br/>',
        }
    },
    bullet: {
        tooltip:{
            pointFormat: '<span style="color:{series.color}">■
</span> {series.name} :<b> {point.target}</b><br/>',
        },
        marker:{
            enabled: true,

```

```
    }  
  }  
},  
exporting: {  
  enabled: true  
},  
legend: {  
  layout: 'horizontal',  
  align: 'center',  
  floating: false,  
  verticalAlign: 'top',  
  symbolRadius: 0,  
  reversed: true  
},  
series: response.props.reportData.series  
};  
}
```