 [Chart.js](http://docs.google.com/docs/3.9.1/)

[Home](http://docs.google.com/docs/3.9.1/)

[API](http://docs.google.com/docs/3.9.1/api/)

[Samples](http://docs.google.com/docs/3.9.1/samples/)

Ecosystem Ecosystem

* [Awesome (opens new window)](https://github.com/chartjs/awesome)
* [Slack (opens new window)](https://chartjs-slack.herokuapp.com/)
* [Stack Overflow (opens new window)](https://stackoverflow.com/questions/tagged/chart.js)

[GitHub (opens new window)](https://github.com/chartjs/Chart.js)

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[GitHub (opens new window)](https://github.com/chartjs/Chart.js)

* [Information](http://docs.google.com/docs/3.9.1/samples/information.html)
* Bar Charts
* Line Charts
* Other charts
* Area charts
* Scales
* Scale Options
* Legend
* Title
* Subtitle
* Tooltip
* Scriptable Options
* Animations
* Advanced
* Plugins
  + [Chart Area Border](http://docs.google.com/docs/3.9.1/samples/plugins/chart-area-border.html)
  + [Doughnut Empty State](http://docs.google.com/docs/3.9.1/samples/plugins/doughnut-empty-state.html)
  + [Quadrants](http://docs.google.com/docs/3.9.1/samples/plugins/quadrants.html)
* [Utils](http://docs.google.com/docs/3.9.1/samples/utils.html)

[**#**](#gjdgxs) Quadrants

config plugin data

const config = { type: 'scatter', data: data, options: { plugins: { quadrants: { topLeft: Utils.CHART\_COLORS.red, topRight: Utils.CHART\_COLORS.blue, bottomRight: Utils.CHART\_COLORS.green, bottomLeft: Utils.CHART\_COLORS.yellow, } } }, plugins: [quadrants] };

const config = {  
 type: 'scatter',  
 data: data,  
 options: {  
 plugins: {  
 quadrants: {  
 topLeft: Utils.CHART\_COLORS.red,  
 topRight: Utils.CHART\_COLORS.blue,  
 bottomRight: Utils.CHART\_COLORS.green,  
 bottomLeft: Utils.CHART\_COLORS.yellow,  
 }  
 }  
 },  
 plugins: [quadrants]  
};

const quadrants = { id: 'quadrants', beforeDraw(chart, args, options) { const {ctx, chartArea: {left, top, right, bottom}, scales: {x, y}} = chart; const midX = x.getPixelForValue(0); const midY = y.getPixelForValue(0); ctx.save(); ctx.fillStyle = options.topLeft; ctx.fillRect(left, top, midX - left, midY - top); ctx.fillStyle = options.topRight; ctx.fillRect(midX, top, right - midX, midY - top); ctx.fillStyle = options.bottomRight; ctx.fillRect(midX, midY, right - midX, bottom - midY); ctx.fillStyle = options.bottomLeft; ctx.fillRect(left, midY, midX - left, bottom - midY); ctx.restore(); } };

const quadrants = {  
 id: 'quadrants',  
 beforeDraw(chart, args, options) {  
 const {ctx, chartArea: {left, top, right, bottom}, scales: {x, y}} = chart;  
 const midX = x.getPixelForValue(0);  
 const midY = y.getPixelForValue(0);  
 ctx.save();  
 ctx.fillStyle = options.topLeft;  
 ctx.fillRect(left, top, midX - left, midY - top);  
 ctx.fillStyle = options.topRight;  
 ctx.fillRect(midX, top, right - midX, midY - top);  
 ctx.fillStyle = options.bottomRight;  
 ctx.fillRect(midX, midY, right - midX, bottom - midY);  
 ctx.fillStyle = options.bottomLeft;  
 ctx.fillRect(left, midY, midX - left, bottom - midY);  
 ctx.restore();  
 }  
};

const DATA\_COUNT = 7; const NUMBER\_CFG = {count: DATA\_COUNT, min: -100, max: 100}; const data = { datasets: [ { label: 'Dataset 1', data: Utils.points(NUMBER\_CFG), borderColor: Utils.CHART\_COLORS.red, backgroundColor: Utils.transparentize(Utils.CHART\_COLORS.red, 0.5), }, { label: 'Dataset 2', data: Utils.points(NUMBER\_CFG), borderColor: Utils.CHART\_COLORS.blue, backgroundColor: Utils.transparentize(Utils.CHART\_COLORS.blue, 0.5), } ] };

const DATA\_COUNT = 7;  
const NUMBER\_CFG = {count: DATA\_COUNT, min: -100, max: 100};  
const data = {  
 datasets: [  
 {  
 label: 'Dataset 1',  
 data: Utils.points(NUMBER\_CFG),  
 borderColor: Utils.CHART\_COLORS.red,  
 backgroundColor: Utils.transparentize(Utils.CHART\_COLORS.red, 0.5),  
 },  
 {  
 label: 'Dataset 2',  
 data: Utils.points(NUMBER\_CFG),  
 borderColor: Utils.CHART\_COLORS.blue,  
 backgroundColor: Utils.transparentize(Utils.CHART\_COLORS.blue, 0.5),  
 }  
 ]  
};

## [**#**](#30j0zll) Docs

* [Data structures (labels)](http://docs.google.com/docs/3.9.1/general/data-structures.html)
* [Plugins](http://docs.google.com/docs/3.9.1/developers/plugins.html)
* [Scatter](http://docs.google.com/docs/3.9.1/charts/scatter.html)

Last Updated: 8/3/2022, 12:46:38 PM

←  [Doughnut Empty State](http://docs.google.com/docs/3.9.1/samples/plugins/doughnut-empty-state.html)   [Utils](http://docs.google.com/docs/3.9.1/samples/utils.html)  →