 [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) Chart Area Border

config plugin data

const config = { type: 'line', data: data, options: { plugins: { chartAreaBorder: { borderColor: 'red', borderWidth: 2, borderDash: [5, 5], borderDashOffset: 2, } } }, plugins: [chartAreaBorder] };

const config = {  
 type: 'line',  
 data: data,  
 options: {  
 plugins: {  
 chartAreaBorder: {  
 borderColor: 'red',  
 borderWidth: 2,  
 borderDash: [5, 5],  
 borderDashOffset: 2,  
 }  
 }  
 },  
 plugins: [chartAreaBorder]  
};

const chartAreaBorder = { id: 'chartAreaBorder', beforeDraw(chart, args, options) { const {ctx, chartArea: {left, top, width, height}} = chart; ctx.save(); ctx.strokeStyle = options.borderColor; ctx.lineWidth = options.borderWidth; ctx.setLineDash(options.borderDash || []); ctx.lineDashOffset = options.borderDashOffset; ctx.strokeRect(left, top, width, height); ctx.restore(); } };

const chartAreaBorder = {  
 id: 'chartAreaBorder',  
 beforeDraw(chart, args, options) {  
 const {ctx, chartArea: {left, top, width, height}} = chart;  
 ctx.save();  
 ctx.strokeStyle = options.borderColor;  
 ctx.lineWidth = options.borderWidth;  
 ctx.setLineDash(options.borderDash || []);  
 ctx.lineDashOffset = options.borderDashOffset;  
 ctx.strokeRect(left, top, width, height);  
 ctx.restore();  
 }  
};

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

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

* [Line](http://docs.google.com/docs/3.9.1/charts/line.html)
* [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)

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

←  [Radial Gradient](http://docs.google.com/docs/3.9.1/samples/advanced/radial-gradient.html)   [Doughnut Empty State](http://docs.google.com/docs/3.9.1/samples/plugins/doughnut-empty-state.html)  →