 [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
  + [Interpolation Modes](http://docs.google.com/docs/3.9.1/samples/line/interpolation.html)
  + [Line Chart](http://docs.google.com/docs/3.9.1/samples/line/line.html)
  + [Multi Axis Line Chart](http://docs.google.com/docs/3.9.1/samples/line/multi-axis.html)
  + [Point Styling](http://docs.google.com/docs/3.9.1/samples/line/point-styling.html)
  + [Line Segment Styling](http://docs.google.com/docs/3.9.1/samples/line/segments.html)
  + [Stepped Line Charts](http://docs.google.com/docs/3.9.1/samples/line/stepped.html)
  + [Line Styling](http://docs.google.com/docs/3.9.1/samples/line/styling.html)
* Other charts
* Area charts
* Scales
* Scale Options
* Legend
* Title
* Subtitle
* Tooltip
* Scriptable Options
* Animations
* Advanced
* Plugins
* [Utils](http://docs.google.com/docs/3.9.1/samples/utils.html)

[**#**](#gjdgxs) Multi Axis Line Chart

config setup actions

const config = { type: 'line', data: data, options: { responsive: true, interaction: { mode: 'index', intersect: false, }, stacked: false, plugins: { title: { display: true, text: 'Chart.js Line Chart - Multi Axis' } }, scales: { y: { type: 'linear', display: true, position: 'left', }, y1: { type: 'linear', display: true, position: 'right', // grid line settings grid: { drawOnChartArea: false, // only want the grid lines for one axis to show up }, }, } }, };

const config = {  
 type: 'line',  
 data: data,  
 options: {  
 responsive: true,  
 interaction: {  
 mode: 'index',  
 intersect: false,  
 },  
 stacked: false,  
 plugins: {  
 title: {  
 display: true,  
 text: 'Chart.js Line Chart - Multi Axis'  
 }  
 },  
 scales: {  
 y: {  
 type: 'linear',  
 display: true,  
 position: 'left',  
 },  
 y1: {  
 type: 'linear',  
 display: true,  
 position: 'right',  
 // grid line settings  
 grid: {  
 drawOnChartArea: false, // only want the grid lines for one axis to show up  
 },  
 },  
 }  
 },  
};

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), yAxisID: 'y', }, { label: 'Dataset 2', data: Utils.numbers(NUMBER\_CFG), borderColor: Utils.CHART\_COLORS.blue, backgroundColor: Utils.transparentize(Utils.CHART\_COLORS.blue, 0.5), yAxisID: 'y1', } ] };

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),  
 yAxisID: 'y',  
 },  
 {  
 label: 'Dataset 2',  
 data: Utils.numbers(NUMBER\_CFG),  
 borderColor: Utils.CHART\_COLORS.blue,  
 backgroundColor: Utils.transparentize(Utils.CHART\_COLORS.blue, 0.5),  
 yAxisID: 'y1',  
 }  
 ]  
};

const actions = [ { name: 'Randomize', handler(chart) { chart.data.datasets.forEach(dataset => { dataset.data = Utils.numbers({count: chart.data.labels.length, min: -100, max: 100}); }); chart.update(); } }, ];

const actions = [  
 {  
 name: 'Randomize',  
 handler(chart) {  
 chart.data.datasets.forEach(dataset => {  
 dataset.data = Utils.numbers({count: chart.data.labels.length, min: -100, max: 100});  
 });  
 chart.update();  
 }  
 },  
];

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

* [Axes scales](http://docs.google.com/docs/3.9.1/axes/)
* [Cartesian Axes](http://docs.google.com/docs/3.9.1/axes/cartesian/)
  + [Axis Position](http://docs.google.com/docs/3.9.1/axes/cartesian/#axis-position)
* [Data structures (labels)](http://docs.google.com/docs/3.9.1/general/data-structures.html)
* [Line](http://docs.google.com/docs/3.9.1/charts/line.html)

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

←  [Line Chart](http://docs.google.com/docs/3.9.1/samples/line/line.html)   [Point Styling](http://docs.google.com/docs/3.9.1/samples/line/point-styling.html)  →