 [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) Line Segment Styling

Using helper functions to style each segment. Gaps in the data ('skipped') are set to dashed lines and segments with values going 'down' are set to a different color.

config segmentUtils genericOptions

const config = { type: 'line', data: { labels: Utils.months({count: 7}), datasets: [{ label: 'My First Dataset', data: [65, 59, NaN, 48, 56, 57, 40], borderColor: 'rgb(75, 192, 192)', segment: { borderColor: ctx => skipped(ctx, 'rgb(0,0,0,0.2)') || down(ctx, 'rgb(192,75,75)'), borderDash: ctx => skipped(ctx, [6, 6]), }, spanGaps: true }] }, options: genericOptions };

const config = {  
 type: 'line',  
 data: {  
 labels: Utils.months({count: 7}),  
 datasets: [{  
 label: 'My First Dataset',  
 data: [65, 59, NaN, 48, 56, 57, 40],  
 borderColor: 'rgb(75, 192, 192)',  
 segment: {  
 borderColor: ctx => skipped(ctx, 'rgb(0,0,0,0.2)') || down(ctx, 'rgb(192,75,75)'),  
 borderDash: ctx => skipped(ctx, [6, 6]),  
 },  
 spanGaps: true  
 }]  
 },  
 options: genericOptions  
};

const skipped = (ctx, value) => ctx.p0.skip || ctx.p1.skip ? value : undefined; const down = (ctx, value) => ctx.p0.parsed.y > ctx.p1.parsed.y ? value : undefined;

const skipped = (ctx, value) => ctx.p0.skip || ctx.p1.skip ? value : undefined;  
const down = (ctx, value) => ctx.p0.parsed.y > ctx.p1.parsed.y ? value : undefined;

const genericOptions = { fill: false, interaction: { intersect: false }, radius: 0, };

const genericOptions = {  
 fill: false,  
 interaction: {  
 intersect: false  
 },  
 radius: 0,  
};

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

* [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)
  + [Line Styling](http://docs.google.com/docs/3.9.1/charts/line.html#line-styling)
  + [Segment](http://docs.google.com/docs/3.9.1/charts/line.html#segment)
* [Options](http://docs.google.com/docs/3.9.1/general/options.html)
  + [Scriptable Options](http://docs.google.com/docs/3.9.1/general/options.html#scriptable-options)

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

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