Plotly for R is now entirely open source, free, and self-hosted Learn more about why we've open sourced



Upgrade to Plotly Pro Today!

Line and Scatter Plots in R

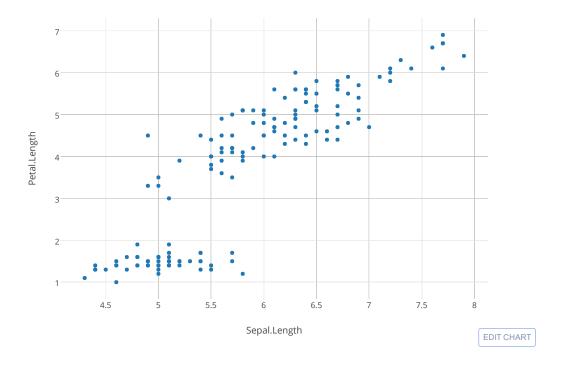


How to create line and scatter plots in R. Seven examples of basic and advanced scatter plots, time series line plots, colored charts, and density plots.



Line and Scatter Plots in R @

```
# Simple scatterplot
library(plotly)
plot_ly(data = iris, x = Sepal.Length, y = Petal.Length, mode = "markers")
```

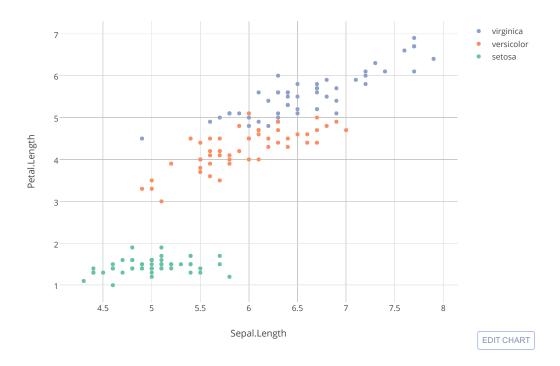


Scatter Plot with Qualitative Colorscale @

```
Copy to clipboard!

plot_ly(data = iris, x = Sepal.Length, y = Petal.Length, mode = "markers",

color = Species)
```



ColorBrewer Palette Names Ø

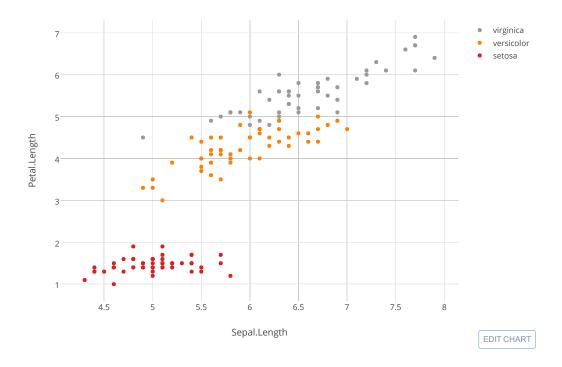
```
Copy to clipboard!

# By default, colors will 'span the gamut'

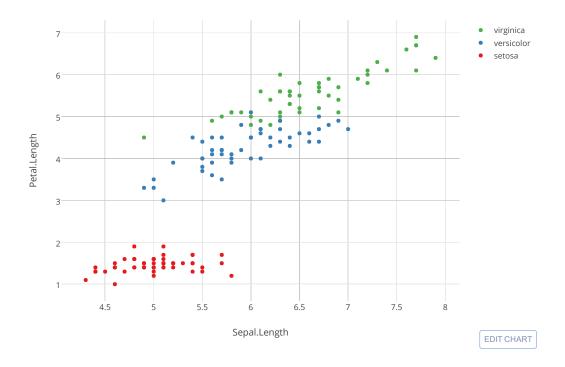
# scales::show_col(RColorBrewer::brewer.pal("Set1"))

plot_ly(data = iris, x = Sepal.Length, y = Petal.Length, mode = "markers",

color = Species, colors = "Set1")
```

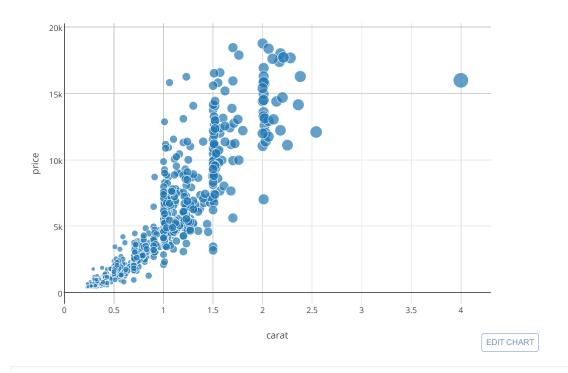


Custom Color Scales &

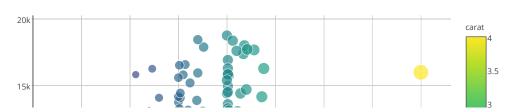


Adding Color and Size Mapping 🔗

```
library(plotly)
d <- diamonds[sample(nrow(diamonds), 1000), ]
# note how size is automatically scaled and added as hover text
plot_ly(d, x = carat, y = price, size = carat, mode = "markers")</pre>
```

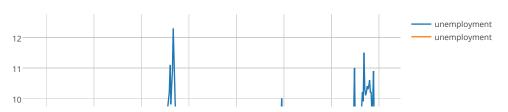


Copy to clipboard!

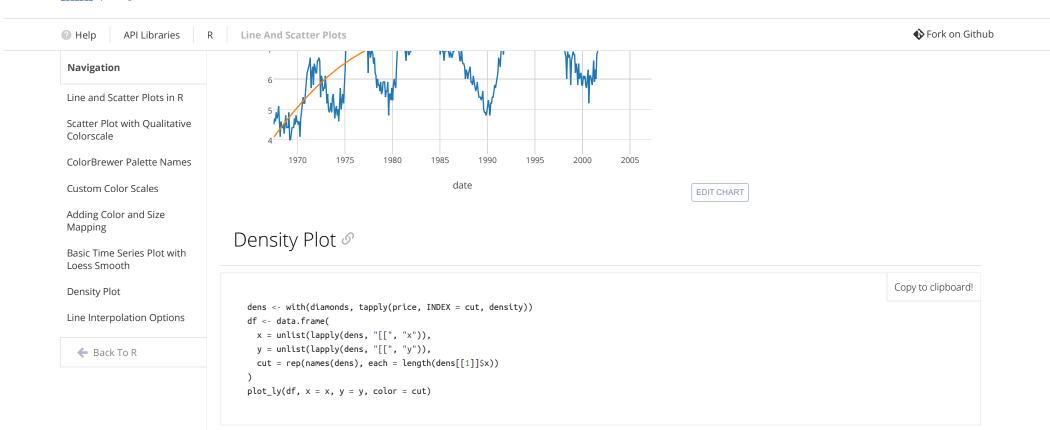


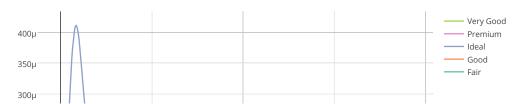
plotly Feed Pricing Make a Chart API





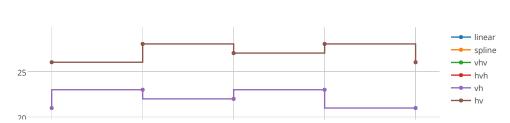




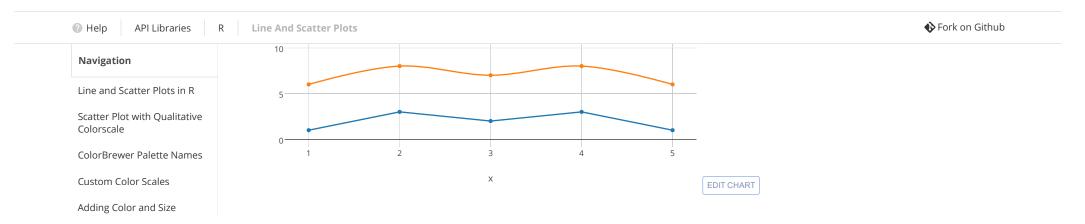












Still need help?

Contact Us



For guaranteed 24 hour response turnarounds, upgrade to our Premium or Enterprise plans.

API About Us Help

Documentation Team Knowledge Base Benchmarks **API Libraries** Careers **REST APIs** Plotly Blog Workshop Plotly.js Modern Data Hardware Solutions Connect Plans & Pricing Enterprise Feed Pricing Make a Chart API • Fork on Github Help **API Libraries Line And Scatter Plots**

Navigation

Line and Scatter Plots in R

Scatter Plot with Qualitative Colorscale

ColorBrewer Palette Names

Custom Color Scales

Adding Color and Size Mapping

Basic Time Series Plot with Loess Smooth

Density Plot

Line Interpolation Options

Back To R