

HTML widgets work just like R plots except they produce interactive web visualizations. A line or two of R code is all it takes to produce a D3 graphic or Leaflet map. HTML widgets can be used at the R console as well as embedded in R Markdown reports and Shiny web applications. In addition to the widgets featured below you may also want to check out the htmlwidgets gallery (<http://gallery.htmlwidgets.org>).

Leaflet

Geo-spatial mapping
([showcase_leaflet.html](#))

dygraphs

Time series charting
([showcase_dygraphs.html](#))

Plotly

Interactive graphics with D3
([showcase_plotly.html](#))

rbokeh

R interface to Bokeh
([showcase_rbokeh.html](#))

Highcharter

R interface to Highcharts
([showcase_highcharts.html](#))

visNetwork

Graph data visualization with vis.js
([showcase_visNetwork.html](#))

networkD3

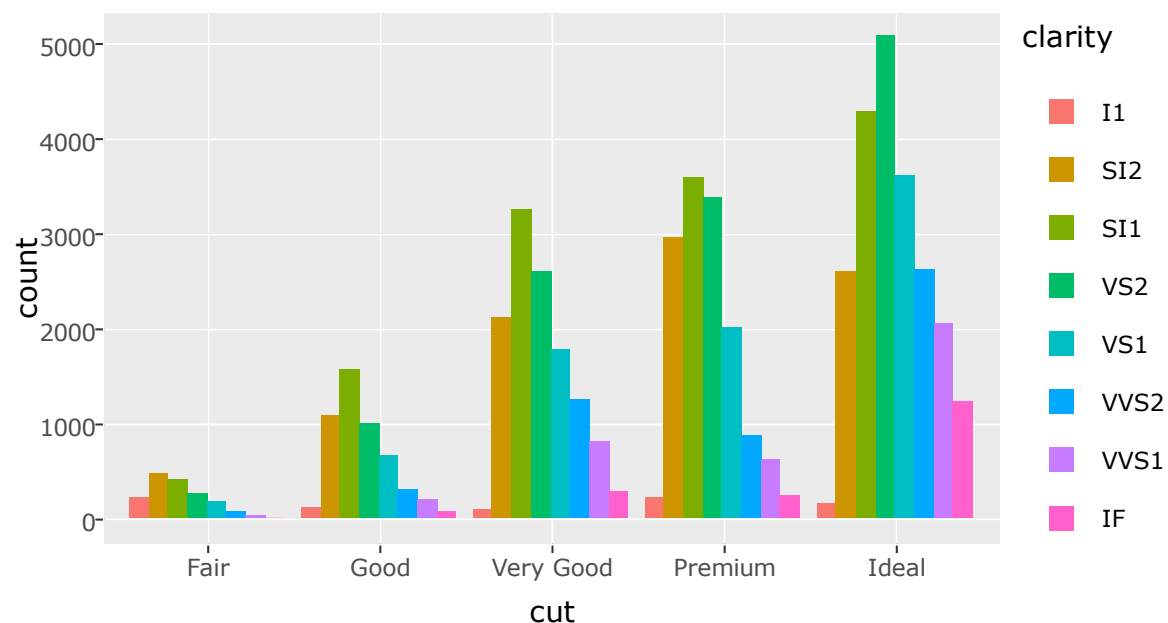
Graph data visualization with D3
([showcase_networkD3.html](#))

Plotly

<https://plot.ly/r/> (<https://plot.ly/r/>)

Plotly allows you to easily translate your ggplot2 graphics to an interactive web-based version, and also provides bindings to the plotly.js (<https://plot.ly/javascript/>) graphing library.

```
library(plotly)
p <- ggplot(data = diamonds, aes(x = cut, fill = clarity)) +
  geom_bar(position = "dodge")
ggplotly(p)
```



d3heatmap

Interactive heatmaps with D3
(showcase_d3heatmap.html)

DataTables

Tabular data display
(showcase_datatables.html)

threejs

3D scatterplots and globes
(showcase_threejs.html)

rglwidget

Render scenes created with rgl
(showcase_rglwidget.html)

DiagrammerR

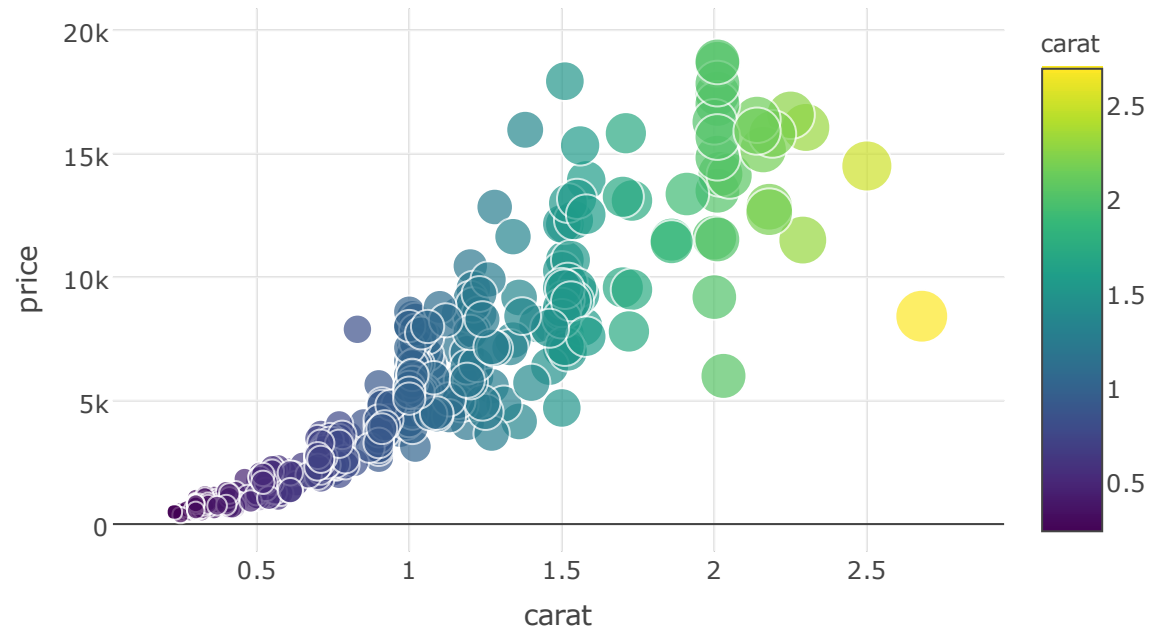
Diagrams and flowcharts
(showcase_diagrammer.html)

MetricsGraphics

Scatterplots and line charts with D3
(showcase_metricsgraphics.html)

The R package also provides high-level bindings for working directly with plotly.js
(<https://plot.ly/javascript/>).

```
d <- diamonds[sample(nrow(diamonds), 500), ]
plot_ly(d, x = carat, y = price, text = paste("Clarity: ", clarity),
        mode = "markers", color = carat, size = carat)
```



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