Cheatography

Highcharter Cheat Sheet

by dmvohyeah via cheatography.com/126472/cs/24495/

Highcharter Cheat Sheet

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Intro

R package is a wrapper for the 'Highcharts' library including shortcut functions to plot R objects.

Installation & Use

Installation

install.p-ackage-s("high-charter")	*To install Highcharter*

Load

library(h-ighcha-rter)	*Load Highcharter library at the beginning of the code*

Useful functions

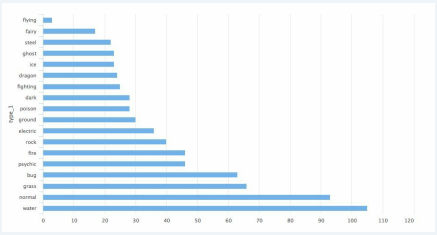
highch-art()	*This function creates a Highchart chart using htmlwi-dgets*
hchart()	*This function to draw different charts on the fly*
hc_add-_series()	*Adds data to existing objects (useful for discrete graphs like scatter plot)*
hc_chart()	*Chart options for highcharter objects*
hc_lab-els()	*Labels options for highcharter objects*
hc_leg-end()	*Legend options for highcharter objects*
hcmap()	*Shortcut to access the Highch-arter map library from https://c-ode.highcharts.com/mapdata/**
hc_add-_theme()	*To add Predefined themes*
export-_hc()	*Function to export js file the configuration options*

Using Hchart()

Syntax

hchart(object, ...)

Bar Plot



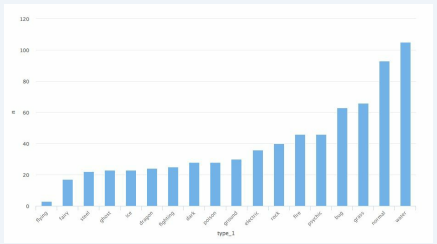
Syntax

hchart(type = "bar")

Code

pokemon%>%
count(type_1)%>%
arrange(n)%>%
hchart(type = "bar", hcaes(x = type_1, y = n))

Column Plot



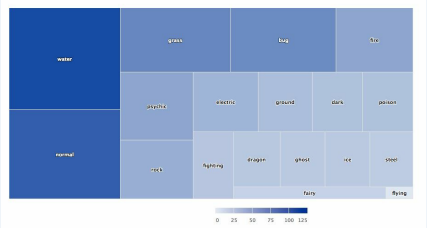
Syntax

hchart(type = "column")

Code

pokemon%>%
count(type_1)%>%
arrange(n)%>%
hchart(type = "column", hcaes(x = type_1, y = n))

Treemap



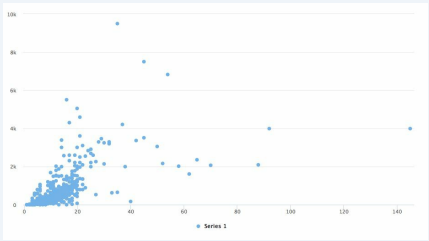
Syntax

Using hc_add_series()

Syntax

hc_add_series(hc, data = NULL, ...)

Scatter Plot



Syntax

*hc_add_series(**data**, "type = scatter")*

Code

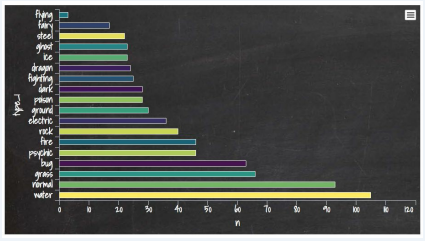
highchart()%>%
hc_add_series(pokemon, "type = scatter",
hcaes(x = height, y = weight))

Using hc_add_theme()

Syntax

hc_add_theme(hc, hc_thm)

Theming using hc_theme_chalk



Code

highchart()%>%
count(type_1)%>%
arrange(n)%>%
hc_add_series(pokemon, "type = scatter",
hcaes(x = height, y = weight))
hc_add_theme(hc_theme_chalk())

Other themes with Highcharter

hc_theme_db
hc_theme_economist
hc_theme_flat
hc_theme_ft
hc_theme_ggplot2
hc_theme_handdrawn
hc_theme_chalk
hc_theme_flatdark

hchart(type = "treemap")

Code

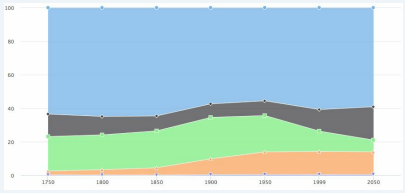
pokemon%>%
count(type_1)%>%
arrange(n)%>%
hchart(type = "treemap", hcaes(x = type_1, value = n, color = n))

Using hc_chart()

Syntax

hc_chart(hc, ...)

Area Chart



Syntax

hc_chart(type = "area") %>%

hc_theme_superheroes
hc_theme_google

Using hmaps()

Usage

hcmap(map, download_map_data, ...)

Map - String indicating what map to chart, a list from https://code.highcharts.com/mapdata/.

download_map_data - A logical value whether to download (add as a dependency) the map.

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Map Download

Code

```
hcmap("https://code.highcharts.com/mapdata/countries/in/in-all.js")%>%
hc_title(text = "India")
```

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