# Four Column Layout : : cheat sheet

## **Basics**

Thank you for making a new cheatsheet for R! These cheatsheets have an important job:

Cheatsheets make it easy for R users to look up useful information.

Remember that the best cheatsheets are visual—not written—documents. Whenever possible use visual elements to make it easier for readers to find the information they need.

1. Use a layout that flows and makes it easy to zero in on specific topics.





2. Use visualizations to explain concepts quickly and concisely.

summary function



3. Use visual elements to make the sheet scannable.



i + geom\_area() x, y, alpha, color, fill, linetype, size

i + geom\_line() x, y, alpha, color, group, linetype, size

4. Use visual emphasis (like color, size, and font weight) to make important information easy to find.

> dplyr::lag() - Offset elements by 1 dplyr::lead() - Offset elements by -1

# **Layout Suggestions**

Use headers, colors, and/or backgrounds to separate or group together sections.

Section 1

Section 2

Section 3

Create a visual hierarchy. Help users navigate the page with titles, subtitles, and subsubtitles

## Title

**SUBTITLE** 

**SUBSUBTITLE** 

Fit sections to content. Try several different layouts.

Use numbers or arrows to link sections if the order/flow is confusing.

Ouickly identify content with a package hexsticker (if available)









# Copyright

Each cheatsheet should be licensed under the creative commons license.

To license the sheet as creative commons, put CC'd by <your name> in the small print at the bottom of each page and link it to

http://creativecommons.org/licenses/by/4.0/

# **Useful Elements**

#### CODE

Where possible, use **code that works** when run.

ggplot(mpg, aes(hwy, cty)) + geom point(aes(size = fl)) + geom smooth(method ="lm")



**MOCK TABLES** 

M-[ ] ZAT

TA



code

#### **ICONS**

These are just font awesome characters





#### **KEYNOTE**

I make my cheatsheets in **Apple Keynote**, and not latex or R Markdown, because presentation software makes it much easier to tweak the visual appearance of a document

#### **KEYNOTE TIPS**

- Select multiple elements by holding down shift and then selecting each. Click on a selected element before letting go of shift to unselect it.
- To group elements together. Select them all, then click Arrange > Group
- To evenly space multiple objects, select them all then Right Click > Align objects or Right Click > Distribute objects
- Click on a table, then visit Format >Table > Row and Column Size to make even width rows/columns.

# Logistics

#### **FONTS**

This template uses several fonts: Helvetica Neue, Menlo, Source Sans **pro**, which you can acquire for free here, www.fontsquirrel.com/fonts/source-sanspro, and **Font Awesome**, which you can acquire here. fortawesome.github.io/Font-Awesome/get-started/

R Studio

To use a **font awesome** icon, copy and paste one from here fortawesome.github.io/Font-Awesome/cheatsheet/. Then set the text font to font awesome.



de

Th

cita

Le

cod

oldi

ieme

package to pro

atbib, biblatex (

s to toggle the

e", "hide", or "s

lor theme to us

# Three Column Layout: : cheat sheet



### **Basics**

Thank you for making a new cheatsheet for R! These cheatsheets have an important job:

#### Cheatsheets make it easy for R users to look up useful information.

Remember that the best cheatsheets are visual—not written documents. Whenever possible use visual elements to make it easier for readers to find the information they need.

1. Use a **layout** that flows and makes it easy to zero in on specific topics.





2. Use visualizations to explain concepts quickly and concisely.

#### summary function

3. Use visual elements to make the sheet scannable.



4. Use visual emphasis (like color, size, and font weight) to make important information easy to find.

dplyr::lag() - Offset elements by 1
dplyr::lead() - Offset elements by -1

#### COPYRIGHT

Each cheatsheet should be licensed under the creative commons

To license the sheet as creative commons, put CC'd by <your name in the small print at the bottom of each page and link it to http://creativecommons.org/licenses/by/4.0/

# **Layout Suggestions**

Use headers, colors, and/or backgrounds to separate or group together sections.

Section 1

Section 2 Section 3

# Manipulate Variables

Create a visual hierarchy. Help users navigate the page with titles, subtitles, and subsubtitles

Title

**SUBTITLE** 

SUBSUBTITLE

Quickly identify content with a package hexsticker (if available)

Fit sections to content. Try several different layouts.

Use numbers or arrows to link sections if the order/flow is confusing.

# Logistics

#### **FONTS**

This template uses several fonts: **Helvetica Neue**, **Menlo**, **Source Sans pro.** which you can acquire for free here. www.fontsquirrel.com/fonts/source-sans-pro, and Font Awesome, which you can acquire here, fortawesome.github.io/Font-Awesome/get-started/

To use a **font awesome** icon, copy and paste one from here fortawesome.github.io/Font-Awesome/cheatsheet/. Then set the text font to font awesome.

#### **KEYNOTE**

I make my cheatsheets in **Apple Keynote**, and not latex or R Markdown, because presentation software makes it much easier to tweak the visual appearance of a document

#### **KEYNOTE TIPS**

- Select multiple elements by holding down shift and then selecting each. Click on a selected element before letting go of shift to unselect it.
- To group elements together. Select them all, then click Arrange > Group
- To evenly space multiple objects, select them all then Right Click > Align objects or Right Click > Distribute objects
- Click on a table, then visit Format > Table > Row and Column Size to make even width rows/columns.

# **Useful Elements**

#### CODE

Where possible, use code that works when run. ord balloons ggplot(mpg, aes(hwy, cty)) + geom point(aes(color = cyl)) + 😘 nelp explain geom smooth(method ="lm")

#### **ICONS**



#### **MOCK TABLES**



