Four Column Layout : : CHEAT SHEET
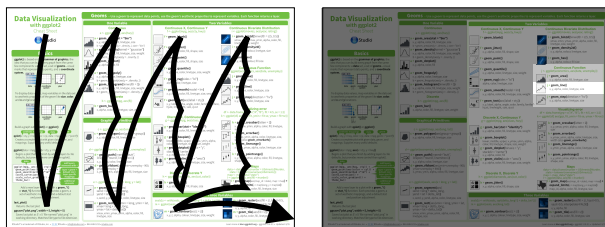
Basics

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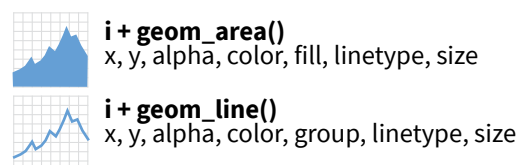
1. Use a **layout** that flows and makes it easy to zero in on specific topics.

2. Use **visualizations** to explain concepts quickly and concisely.

summary function

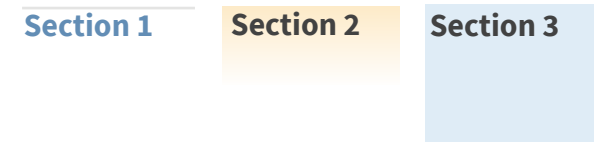3. Use visual elements to make the sheet **scannable**.

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.

Quickly identify content with a **package hexsticker** (if available)

Copyright

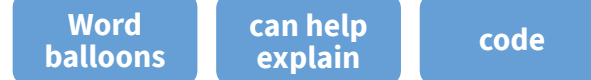Each cheatsheet should be licensed under the creative commons license.

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")
```
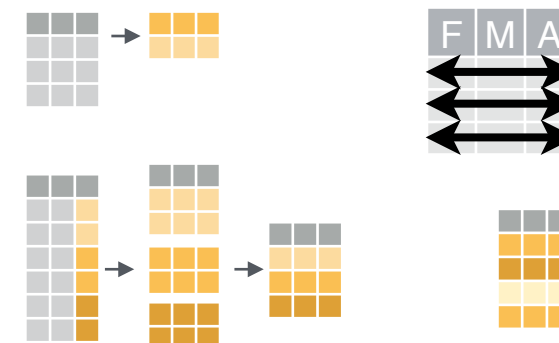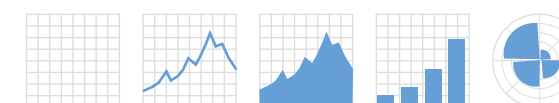
Word balloons   can help explain   code

ICONS

These are just f**ont awesome** characters

? ? ? ? ?

MOCK TABLES

MOCK GRAPHS

TABLES

sub-option	description
citation_package	The LaTeX package to process
code_folding	Let readers to toggle the display of R
colortheme	Beamer color theme to use

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**.

YOUR LOGO
(optional)

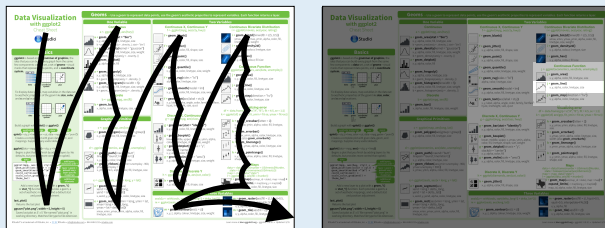# Three Column Layout: : CHEAT SHEET

R Studio®

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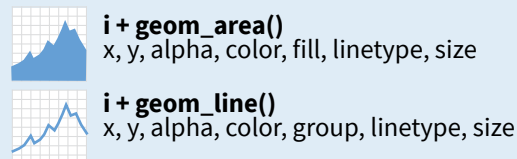
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Manipulate Variables

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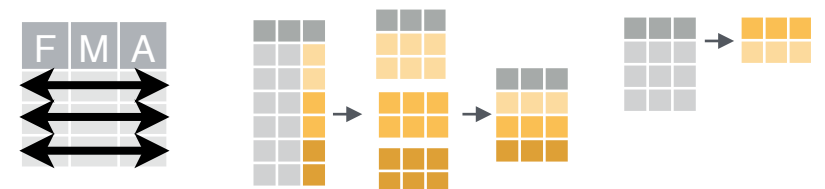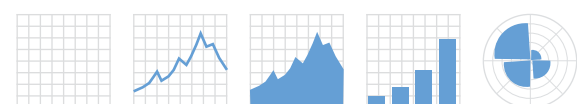
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