Cheatsheets

Czyli legalne ściąganie

Czym są cheatsheety?



Przykładowe cheatsheety



rstudio::conf

Products

Resources

Pricing

About Us

Blogs

2

RStudio Cheat Sheets

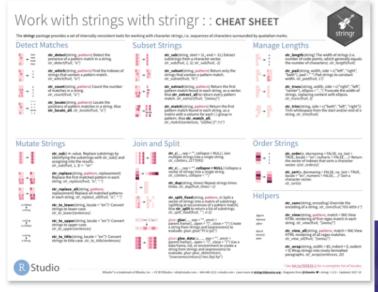
The cheat sheets below make it easy to learn about and use some of our favorite packages. From time to time, we will add new cheat sheets to the gallery. If you'd like us to drop you an email when we do, let us know by clicking the button to the right.

SUBSCRIBE TO CHEAT SHEET UPDATES HERE

Work with Strings Cheat Sheet

The stringr package provides an easy to use toolkit for working with strings, i.e. character data, in R. This cheatsheet guides you through stringr's functions for manipulating strings. The back page provides a concise reference to *regular expresssions*, a mini-language for describing, finding, and matching patterns in strings. Updated 10/17.

DOWNLOAD

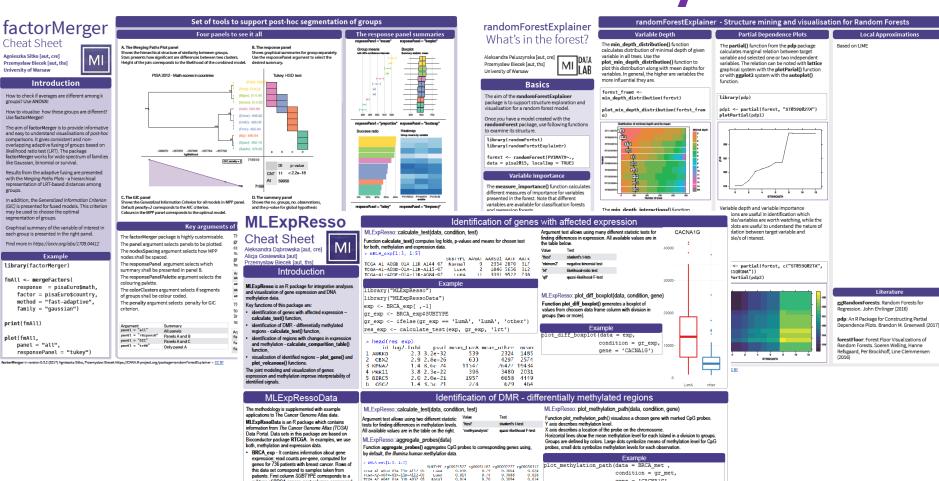




Dlaczego warto je tworzyć, po co są nam one potrzebne w naszej grupie?



Nasze cheatsheety



gene = 'CACNAIG'. observ = T)

CACNA1G



met <- aggregate probes(BRCA met)

-0.152 3.8e-17

0.051 2.6c 13

0.115 5.4e-12

0.098 1.6c 11 0.200 2.le-II

-0.134 5.9e-12

gr_met <- ifelse(gr_met == 'LumA', 'LumA', 'other')</pre> res_met <- calculate_test(met, gr_met, 'ttest')

0.25

0.86

0.41 - 0.33

0.31 0.36

0.31 0.25

0.// 0.81

gr_met <- BRCA_met\$SUBTYPE

> bead(res_met)

RILP

PTPOX

patients. First column SUBTYPE corresponds to a subtype of BRCA cancer, next columns correspond

methylation of CpG probes for patients with breast cancer. Rows of this data set correspond to patients,

more precisely, to samples taken from patients. First column SUBTYPE corresponds to a subtype of

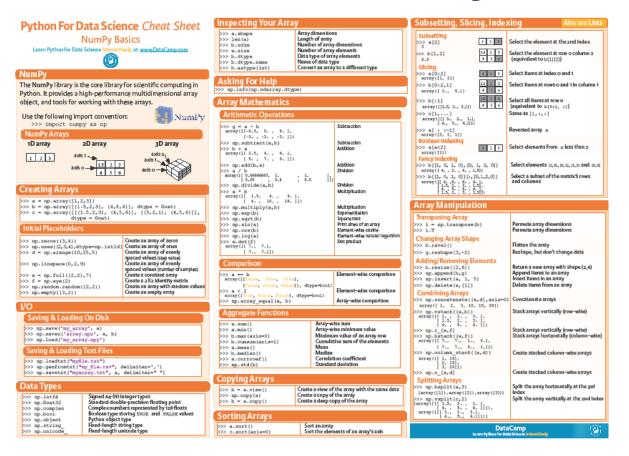
BRCA cancer, next columns correspond to CpG probes. Values inside the table indicate the

percentage methylation level of CpG probe for a specified sample.

For aggregation CnG probes to correspond genes we use the Illumina human methylation data set from TxDb.Hsapiens.UCSC.hg18.knownGene

BRCA met - It contains information about

Nie tylko R





https://s3.amazonaws.com/assets.datacamp.com/blog_assets/Numpy_Python_Cheat_Sheet.pdf
http://www.codeconquest.com/wp-content/uploads/Ruby-Cheat-Sheet-by-CodeConquestDOTcom.pdf



Jak je zrobić?



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Resources

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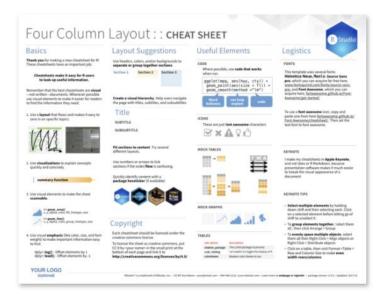
About Us

Blogs

Q

Want to contribute a cheatsheet of your own?

We'd like to help you make and share high quality cheatsheets on R topics. The template below provides a useful starting place. It contains tips for designing a three or four column cheatsheet, as well as reusable elements to build your sheet with.

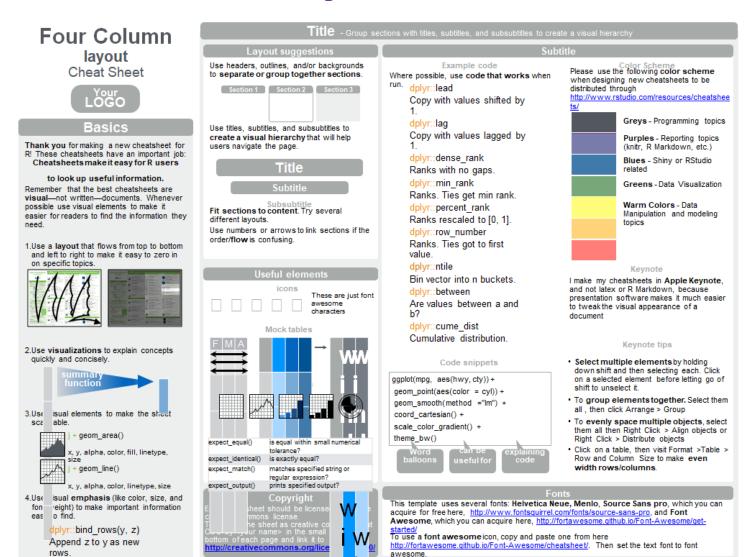


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DOWNLOAD POWERPOINT ▶



Stary szablon





Składowe R-owej ściągawki

Four Column Layout : : CHEAT SHEET



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.

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





Use visualizations to explain concepts quickly and concisely.



Use visual elements to make the sheet scannable.



 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 -

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

DDE Where possible, use code that works

ggplot(mpg, aes(hwy, cty)) + geom_point(aes(size = fl)) + geom_smooth(method ="lm")









ICONS
These are just fontawesome characters



MOCK TABLES

TA ptic dt ion Th Xpackage to selection at the biblate is a

448-1212 • your.website.com • Leari

ers to toggle th

color theme to

Logistics

This template uses several fonts: Helvetica Neue, Menlo, Source Sans pro, which you can acquire for free here

R Studio

www.fontsquirrel.com/fonts/sourcesans-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. aithub.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)

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at webpage or vignette • package version 0.5.0 • Updated: 2017-01



Praca w grupach

https://github.com/kapelner/ICEbox

https://github.com/AppliedDataSciencePartners/xgboostExplainer

https://github.com/cran/nlstools

