



Lessons about R I Learned from My Cat

Amanda Gadrow, RStudio

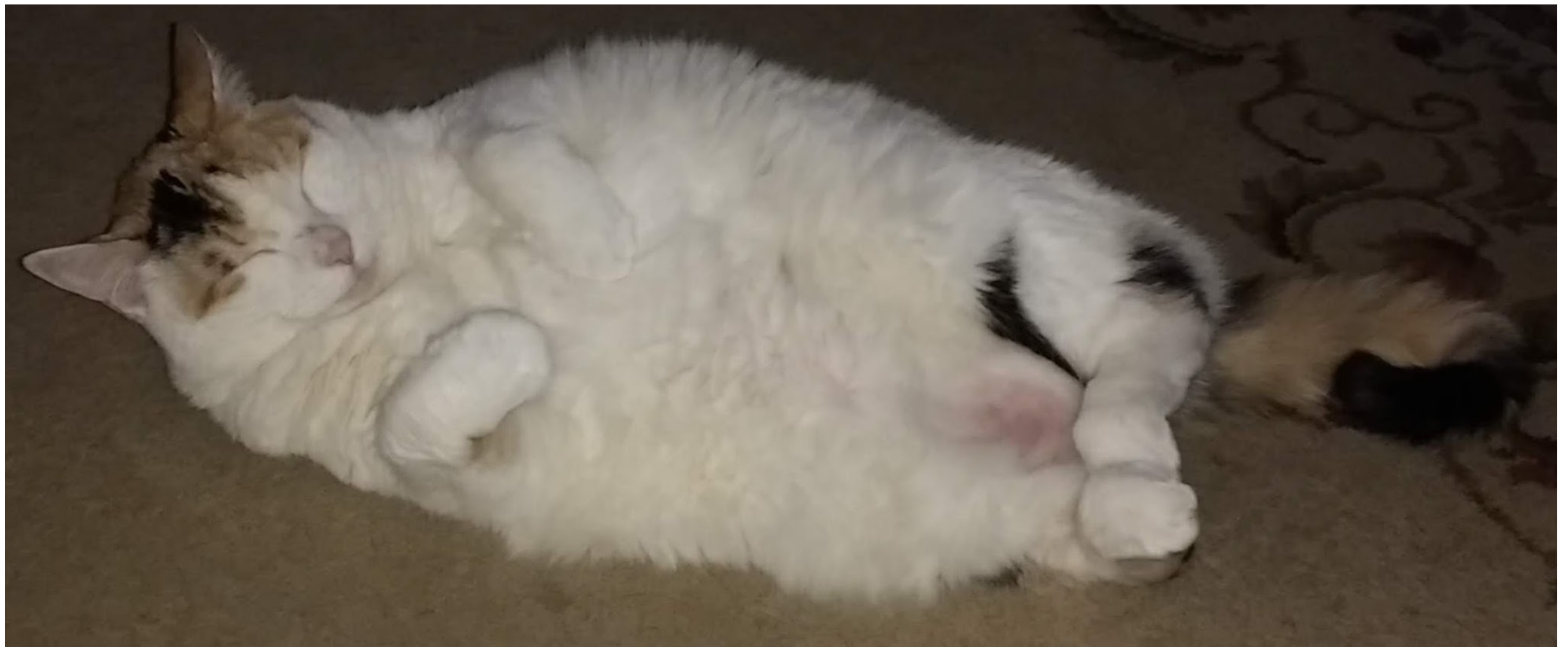
amanda@rstudio.com

[ajmcoqui](#) on GitHub and Twitter

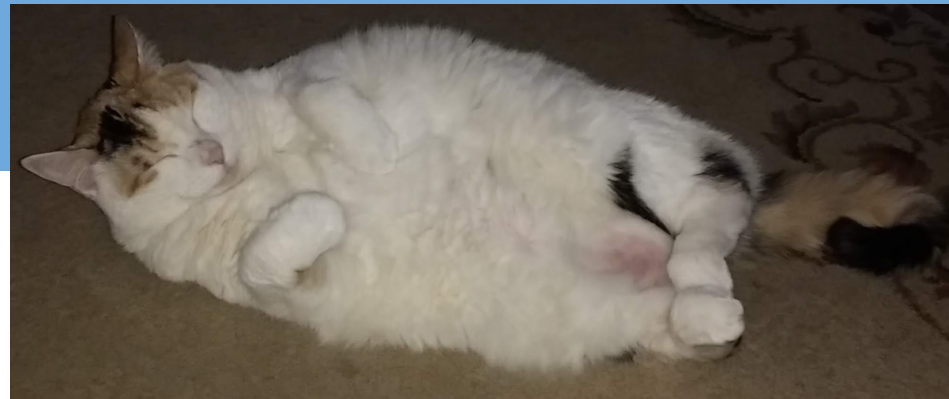
Hello












Be Lazy

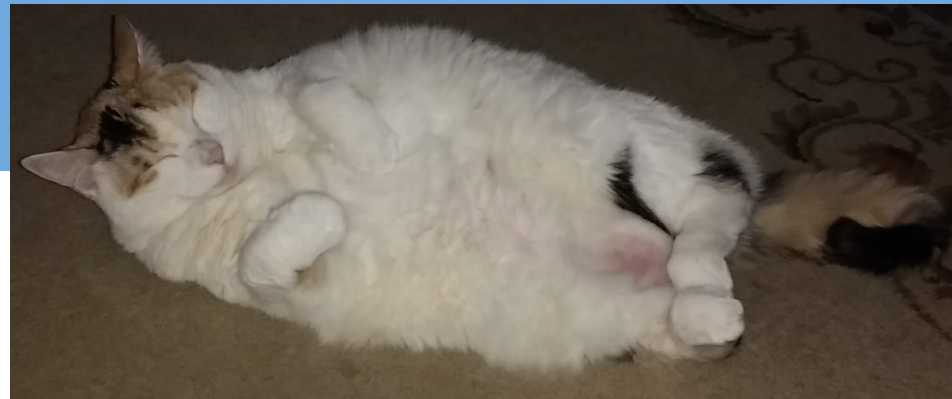











Be Lazy



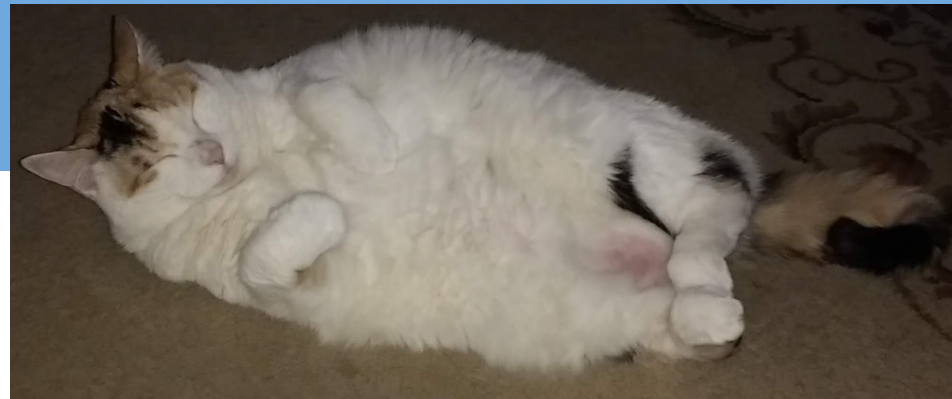
	▲ Name	Size	Modified
	..		
<input type="checkbox"/>	 a.csv	102 B	Nov 20, 2017, 10:26 AM
<input type="checkbox"/>	 AG^5tc.csv	36.2 KB	Apr 18, 2019, 2:20 PM
<input type="checkbox"/>	 bob's data from last year.csv	317.5 KB	Nov 22, 2019, 5:03 PM
<input type="checkbox"/>	 data 5-8-95.csv	439.1 KB	May 27, 2016, 3:00 PM
<input type="checkbox"/>	 dsjhkv.csv	21.1 KB	Jan 17, 2017, 4:08 PM
<input type="checkbox"/>	 important_project.Rproj	229 B	Jan 19, 2020, 9:49 AM
<input type="checkbox"/>	 monolith.R	49.7 MB	Dec 26, 2018, 10:03 AM
<input type="checkbox"/>	 more data.csv	105 B	Nov 20, 2017, 10:26 AM










Be Lazy



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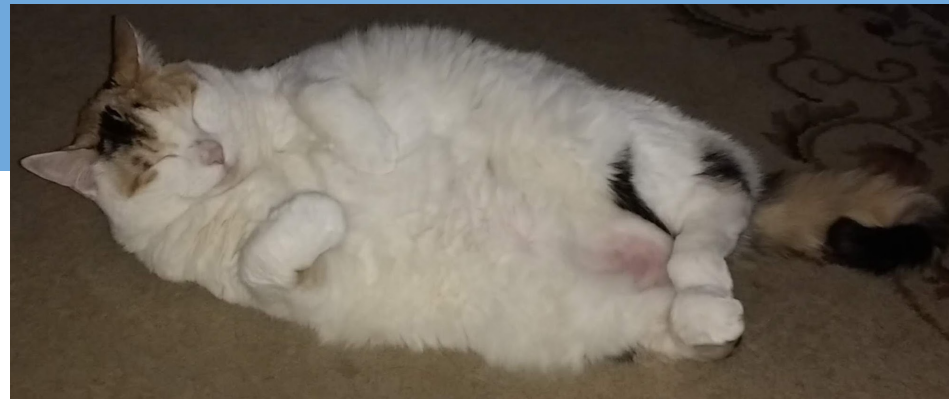
Be Lazy










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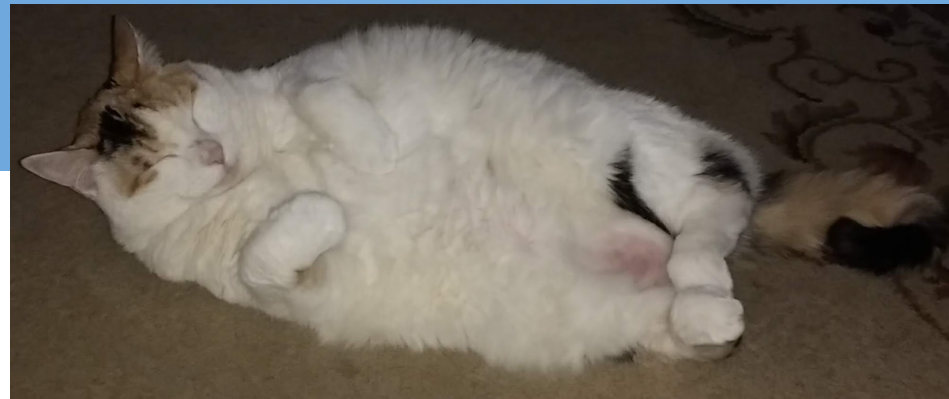


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<input type="checkbox"/>	 .gitignore	95 B	Jan 19, 2020, 10:18 AM
<input type="checkbox"/>	 data		
<input type="checkbox"/>	 global.R	746 B	Dec 8, 2019, 8:13 PM
<input type="checkbox"/>	 helpers.R	5.8 KB	Jan 19, 2020, 10:28 AM
<input type="checkbox"/>	 important_project.Rproj	229 B	Jan 19, 2020, 10:26 AM
<input type="checkbox"/>	 main_analysis.R	39.4 KB	Jan 19, 2020, 10:29 AM
<input type="checkbox"/>	 output		

Be Lazy

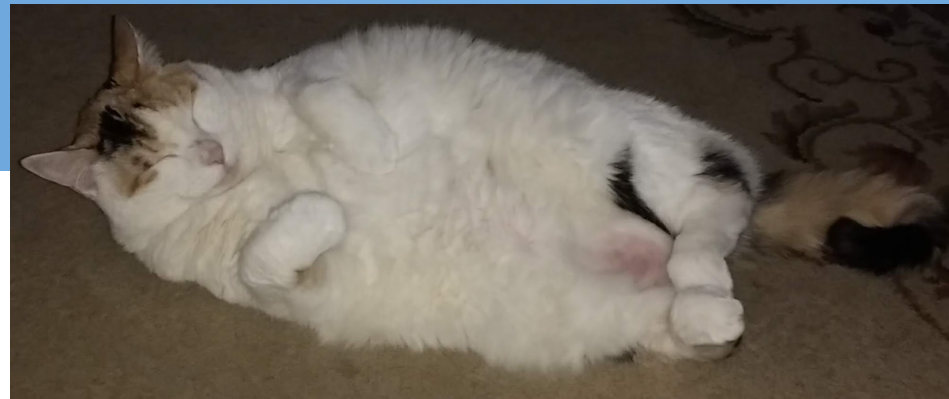


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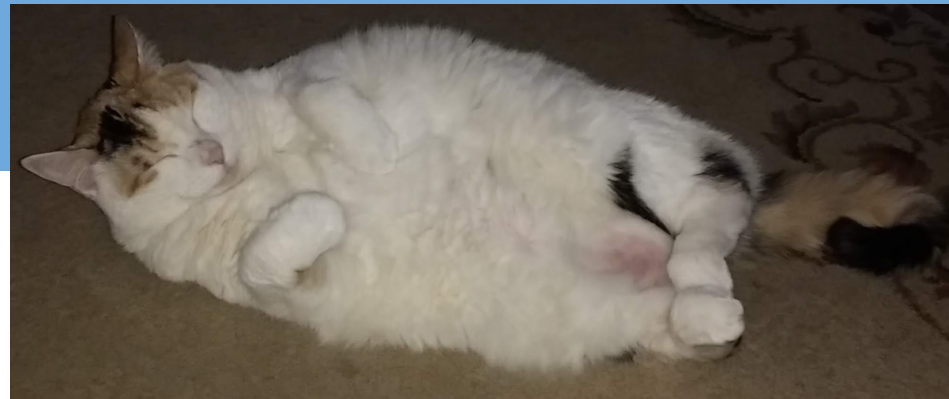


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<input type="checkbox"/>	2018-03-14_Johnson_H01.csv	102 B	Nov 20, 2017, 10:26 AM
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<input type="checkbox"/>	2020-01-28_Johnson_H05.csv	105 B	Nov 20, 2017, 10:26 AM

Be Lazy



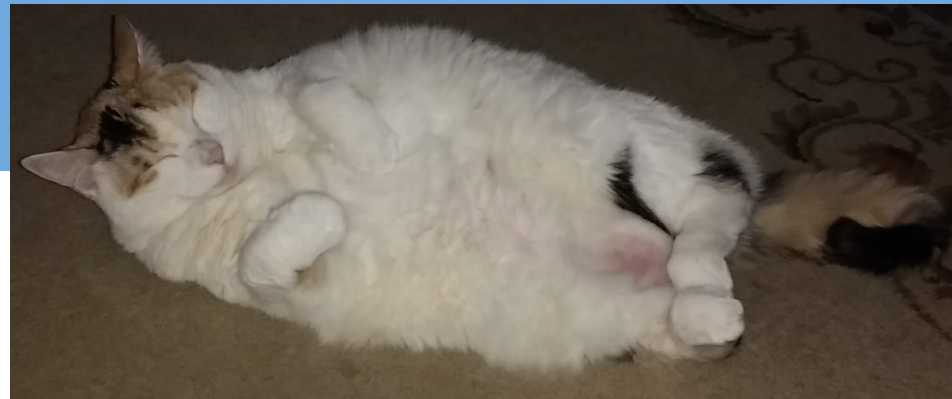
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Be Lazy



```
library(purrr)

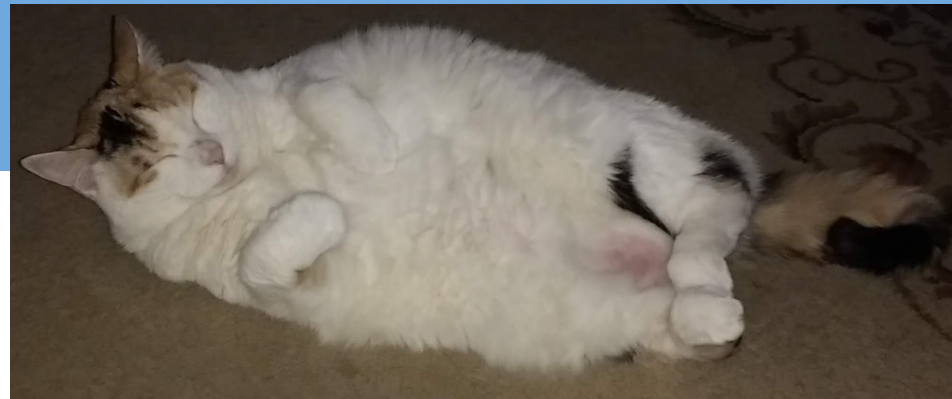
source("global.R")

tix <- get_tickets()

tix_tidy <- function(tickets)
{
  # clean up the data
}

clean_tix <- tix_tidy(tix)
```

Be Lazy



```
library(purrr)                                ← Library statements

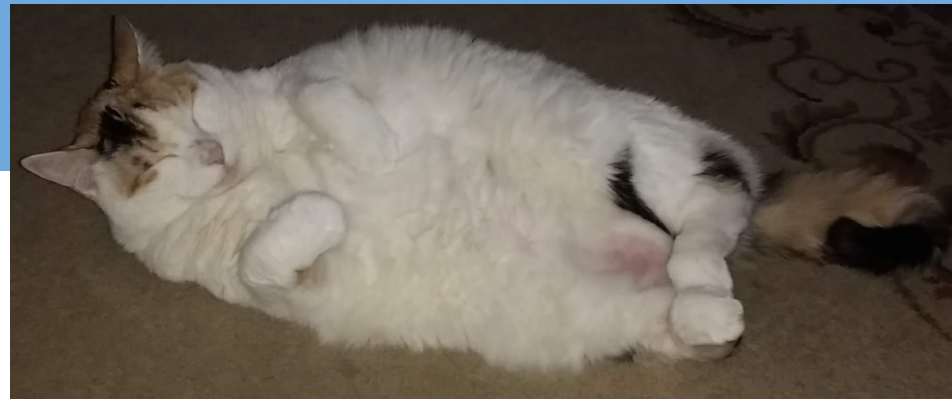
source("global.R")                            ← Source statements

tix <- get_tickets()                          ← Object definition

tix_tidy <- function(tickets)                 ← Function definition
{
  # clean up the data
}

clean_tix <- tix_tidy(tix)                    ← Analysis code
```


Be Lazy



```
tags <- as.data.frame(table(unlist(tix$tag_list)), stringsAsFactors = FALSE)
```

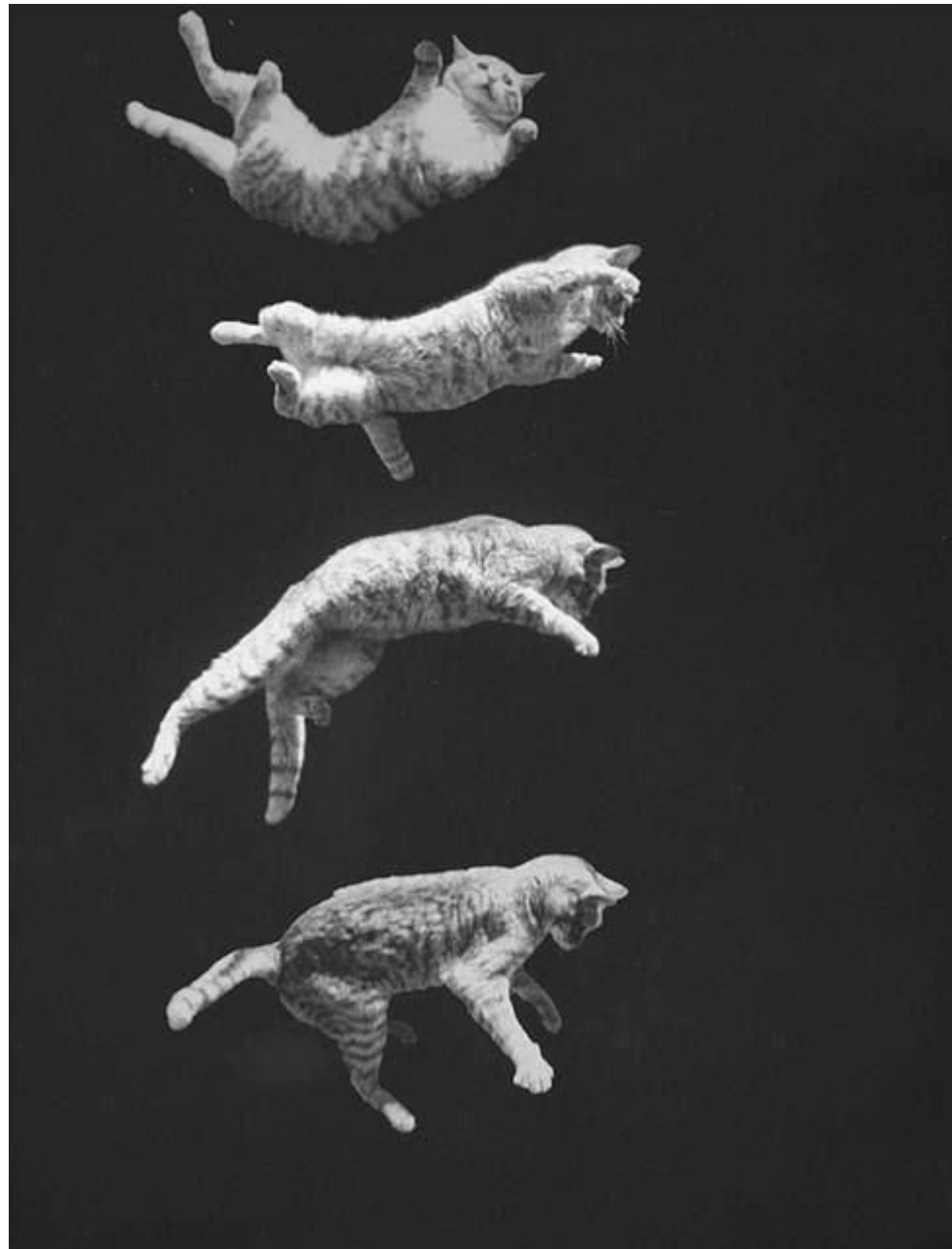


```
tags <- tix$tag_list %>%  
  unlist %>%  
  table %>%  
  as.data.frame(stringsAsFactors = FALSE)
```

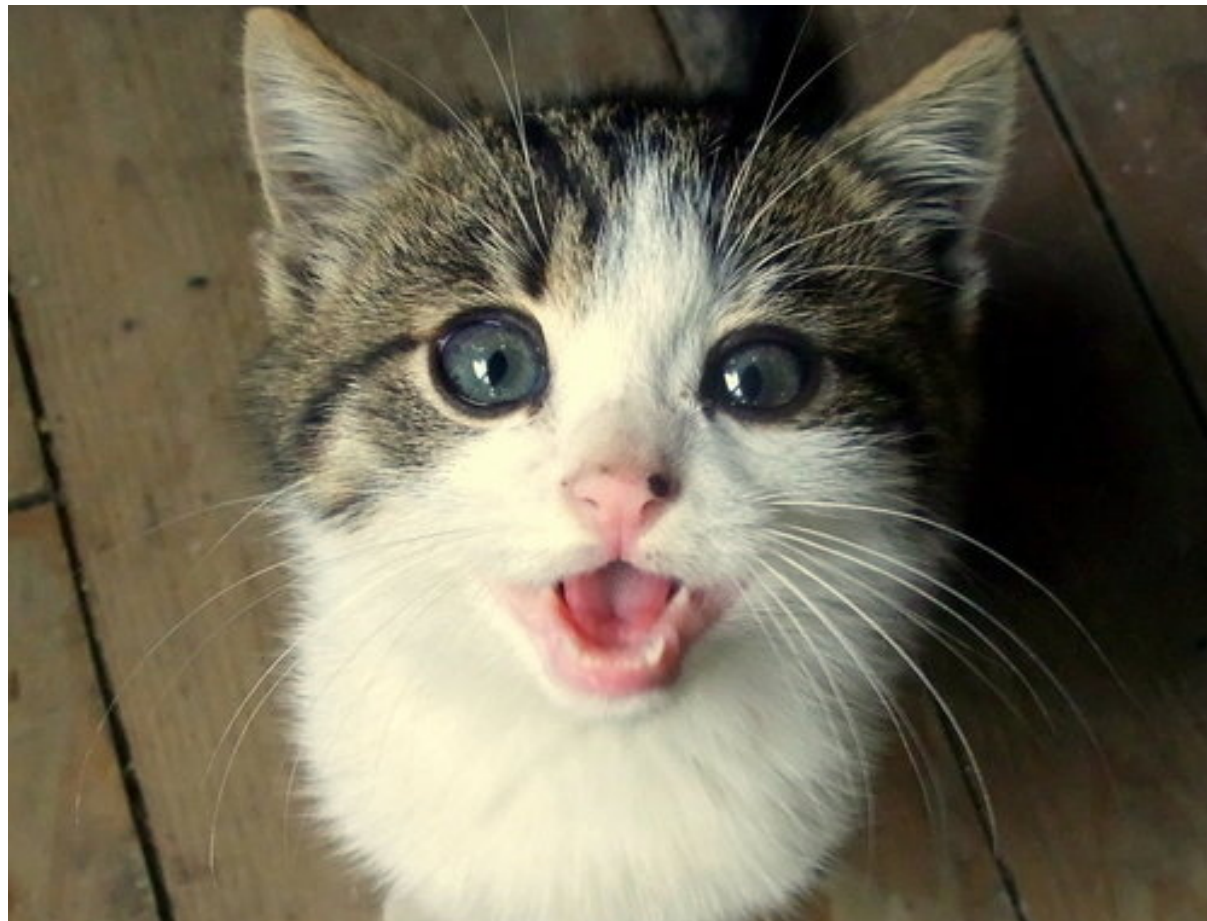
Try things...



...and land on your feet



Ask for help if you need it



RStudio Community

StackOverflow

GitHub issues

Twitter

Slack

Keep your claws sharp



[R-bloggers](#)

[Tidyverse blog](#)

[RStudio Resources](#)

[RStudio Community](#)

Local R user groups

[R-Ladies](#)

Hang out with friends



Local R user groups

R-Ladies

RStudio Community

Twitter

Slack

Bask in the sun





Lessons about R I Learned from My Cat

Amanda Gadrow, RStudio

amanda@rstudio.com
ajmcoqui on GitHub and Twitter

Resources

[R for Data Science](#)

[R Packages](#) (great for general project design advice, too)

[Hands-On Programming with R](#)

[Naming things](#)

[What They Forgot to Teach You about R](#) (including a practical project workflow)

[Good collection of R coding best practices links](#)

Image Attribution

cat_sail

cat_jump

cat_land_on_feet

cat_yelling

cat_sharpening_claws

multiple_cats

cat_sun

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