



Welcome to Tidy Tuesday!

R-Ladies Philly and
Philadelphia R users group (Philly RUG)

Welcome!

Feb. 15, 2023

Please join google doc for links:

<https://tinyurl.com/tidyfebruary>



Agenda

6:00 - 6:10 Join Online

6:10 - 6:15 Welcome and Announcements

6:15 - 6:20 Tidy Tuesday Introduction

6:20 - 7:00 Code Together!

Short break

7:05 - 7:20 Share your results (win a prize!)

Live-tweet: @RLadiesPhilly, #RLadies



Worldwide organization

...that promotes **gender diversity** in the **R community**

...via **meetups** and **mentorship**

...in a **friendly** and **safe** environment

rladies.org/code-of-conduct/

Live-tweet: @RLadiesPhilly, #RLadies

Get Involved!



Join the slack community: <https://tinyurl.com/rladiesphilly-slack>

Subscribe to our Youtube channel: <https://www.youtube.com/c/RLadiesPhilly>

Volunteer as a speaker or mentor: <http://tinyurl.com/rladiesphilly-mentorship>

Thank you to our **sponsors**:



Live-tweet: @RLadiesPhilly, #RLadies

Announcements



Upcoming R Conferences: <https://rviews.rstudio.com/2023/01/18/some-r-conferences-for-2023/>

All upcoming R-Ladies (any chapter) meetups: <https://www.meetup.com/pro/rladies/>

Welcome to the team, new organizer Michelle!

Live-tweet: @RLadiesPhilly, #RLadies

R User Groups (RUGs) facilitate the exchange of statistical programming knowledge in small group settings

The **PhillyRUG** was founded in January 2022 and is sponsored by the **R Consortium** to provide a local outlet for folks to learn from each other.

Find us

on Meetup: meetup.com/philly-rug

on Discord: discord.gg/nZWdPaDd6z

on Github: github.com/PhillyRUG

if you'd like to learn R, share your knowledge about a topic in statistical programming or data visualization, or if you're interested in these topics and want to talk to others like you!



What is Tidy Tuesday?

- A weekly data challenge aimed at the R community
- Summarize and arrange data to make meaningful charts with ggplot2, tidyr, dplyr, and other tools in the tidyverse ecosystem and beyond

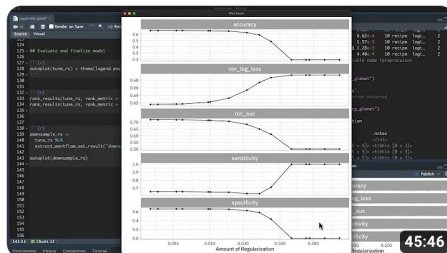
<https://github.com/rfordatascience/tidytuesday>

Please join google doc for Q&A:

<https://tinyurl.com/tidyfebruary>

Tidy Tuesday inspiration

YouTube channels



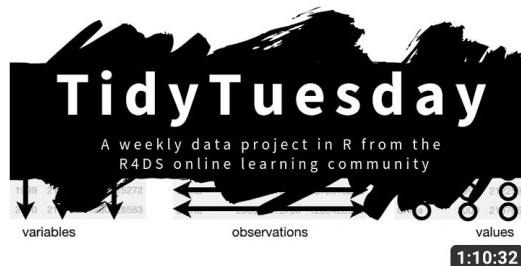
To downsample or not? Handling class imbalance in bird feeder observations

1.4K views • 3 weeks ago



Julia Silge

Will squirrels will come eat from your bird feeder? Let's fit a model with #TidyTuesday data on bird feeders both with a



Tidy Tuesday live screencast: Analyzing NYC elevators in R

3.2K views • Streamed 2 months ago



David Robinson

I'll analyze a dataset about NYC elevators, without looking at the dataset in advance. The dat



Introduction | Data set | Columns | Data | Floor | Labels | Building ID | Color | Me

More TidyTuesday inspiration



Nicola Rennie | @nrennie@fosstodon.org @nrennie35 · Feb 7 ...
It's time for #TidyTuesday again! Thanks to @EvanJGower for sharing the data this week!

We're looking at stock prices of tech companies, and I used `geom_sankey_bump()` from (ggsankey) to look at the rank of Adobe over time!

Code: github.com/nrennie/tidytu...

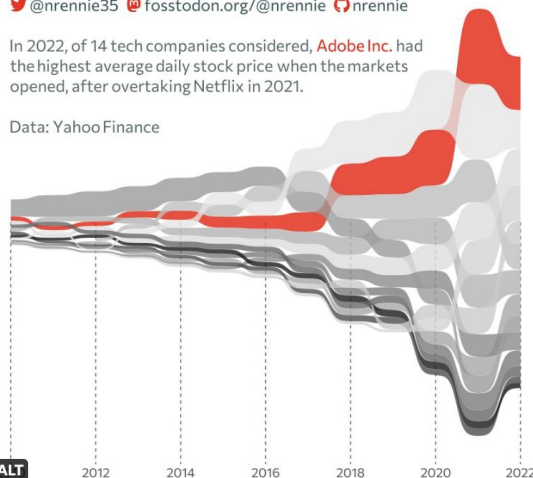
#RStats #DataViz #R4DS

The Rise of Adobe Inc.

🐦 @nrennie35 📄 fosstodon.org/@nrennie 📄 nrennie

In 2022, of 14 tech companies considered, **Adobe Inc.** had the highest average daily stock price when the markets opened, after overtaking Netflix in 2021.

Data: Yahoo Finance



Tanya Shapiro @tanya_shapiro · Feb 8 ...
Late again to #TidyTuesday - Big Tech Stocks 📈

Data from Kaggle. Perfect opp to create another table!

I will never tire of {reactablefmtr} + {htmltools}. Makes it easy to customize tables...or get lost in divs within divs.

Code: bit.ly/3YCT1Ps

BIG TECH STOCKS YE 2022

Stock prices for big tech companies as of December 29th, 2022

COMPANY	VALUE	DELTA	TREND	DELTA	TREND	DELTA	TREND
Apple Inc. SYMBOL: AAPL	\$ 129.61	↓ 27.7%		↓ 6.9%		↓ 8.2%	
Adobe Inc. SYMBOL: ADOE	\$ 337.58	↓ 40.7%		↓ 8.4%		↑ 3.3%	
Amazon.com, Inc. SYMBOL: AMZN	\$ 84.18	↓ 50.2%		↓ 22.7%		↓ 8.9%	
Salesforce, Inc. SYMBOL: CRM	\$ 132.54	↓ 47.9%		↓ 22.3%		↓ 12.6%	
Cisco Systems, Inc. SYMBOL: CSCO	\$ 47.50	↓ 25.7%		↑ 10.8%		↓ 1.6%	
Alphabet Inc. SYMBOL: GOOGL	\$ 88.45	↓ 39.7%		↓ 20.8%		↓ 7.1%	
IBM Corporation SYMBOL: IBM	\$ 141.06	↑ 5.8%		↑ 0.2%		↓ 3.7%	
Intel Corporation SYMBOL: INTC	\$ 26.21	↓ 49.4%		↓ 29.7%		↓ 9.3%	
Meta Platforms, Inc. SYMBOL: META	\$ 120.26	↓ 64.9%		↓ 26.6%		↑ 9.9%	
Microsoft Corporation SYMBOL: MSFT	\$ 241.01	↓ 29.5%		↓ 7.4%		↑ 0.3%	
Netflix, Inc. SYMBOL: NFLX	\$ 291.12	↓ 52.3%		↑ 63.2%		↑ 3.6%	
NVIDIA Corporation SYMBOL: NVDA	\$ 146.03	↓ 51.3%		↓ 6%		↓ 6.6%	
Oracle Corporation SYMBOL: ORCL	\$ 81.40	↓ 7.7%		↑ 17.6%		↑ 0.7%	
Tesla, Inc. SYMBOL: TSLA	\$ 121.82	↓ 66.4%		↓ 46.7%		↓ 32.6%	

ALT
Kaggle, W6 2023 #TidyTuesday
@tanya_shapiro tashapiro shapirotanya

TidyTuesday Datasets for 2023

Archive of datasets and articles from the 2023 series of [#TidyTuesday](#) events.

Week	Date	Data	Source	Article
1	2023-01-03	Bring your own data from 2022!		
2	2023-01-10	Bird FeederWatch data	FeederWatch	Over 30 Years of Standardized Bird Counts at Supplementary Feeding Stations in North America: A Citizen Science Data Report for Project FeederWatch
3	2023-01-17	Art history data	arthistory data package	Quantifying Art Historical Narratives
4	2023-01-24	Alone data	Alone data package	Alone R package: Datasets from the survival TV series
5	2023-01-31	Pet Cats UK	Movebank for Animal Tracking Data	Cats on the Move
6	2023-02-07	Big Tech Stock Prices	Big Tech Stock Prices on Kaggle	5 Charts on Big Tech Stocks' Collapse
7	2023-02-14	Hollywood Age Gaps	Hollywood Age Gap Download Data	Hollywood Age Gap

How to get the data

R package

```
# Get the Data

# Read in with tidyuesdayR package
# Install from CRAN via: install.packages("tidyuesdayR")
# This loads the readme and all the datasets for the week of interest

# Either ISO-8601 date or year/week works!

tuesdata <- tidyuesdayR::tt_load('2023-02-14')
tuesdata <- tidyuesdayR::tt_load(2023, week = 7)

age_gaps <- tuesdata$age_gaps

# Or read in the data manually

age_gaps <-
  readr::read_csv('https://raw.githubusercontent.com/rfordatascience/tidyuesday/master/data/2023/2023-02-14/age_gaps.csv')
```

Read in csv

Let's go!

Share the poll

Break out rooms for ~30 minutes

We will come back here to share work and then wrap up!

Share your work!

Add information here on how to share
(screenshot to google drive)


Prizes (random selection):




1. R hex zipper pouch
2. Stickers
3. Book
4. Add

Please join google doc for Q&A:


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How to nominate a dataset!

















 [rfordatascience / tidyuesday](#) Public

 Watch 566  Fork 2.1k  Starred 5.3k

[Code](#) [Issues 175](#) [Pull requests](#) [Actions](#) [Projects](#) [Security](#) [Insights](#)

Filters  is:issue is:open

 Labels 13  Milestones 0 [New issue](#)

 175 Open  177 Closed	Author 	Label 	Projects 	Milestones 	Assignee 	Sort 
 Nighttime Lights dataset #483 opened on Dec 13, 2022 by jonthegeek  1						
 English Monarchs & Marriages dataset #480 opened on Dec 7, 2022 by frankiethull						
 LivWell: a sub-national database on the Living conditions of Women and their Well-being for 52 countries dataset #478 opened on Dec 1, 2022 by tteo						
 James Beard Award Winners data dataset #473 opened on Nov 14, 2022 by PythonCoderUnicorn						
 Rename the default branch to main maintenance #471 opened on Nov 7, 2022 by philip-khor  1						
 English Premier League 2021-22 Match Data dataset #469 opened on Oct 29, 2022 by evangower						

<https://github.com/rfordatascience/tidytuesday>

Submitting Datasets

`TidyTuesday` is built around open datasets that are found in the "wild" or submitted as [Issues](#) on our GitHub.

If you find a dataset that you think would be interesting, you can approach it through two ways:

Two Ways to Contribute

1. Submit the dataset as an [Issue](#)

- a. Find an interesting dataset
- b. Find a report, blog post, article etc relevant to the data
- c. Submit the dataset as an [Issue](#) along with a link to the article

2. Create an entire TidyTuesday challenge!

- a. Find an interesting dataset
- b. Find a report, blog post, article etc relevant to the data (or create one yourself!)
- c. Let us know you've found something interesting and are working on it by filing an [Issue](#) on our GitHub
- d. Provide a link or the raw data and a cleaning script for the data
- e. Write a basic `readme.md` file using the minimal template below and make sure to give yourself credit!

Tips for nominating a dataset

Broad interest

Data dictionary - easy to understand

CSV

Example that I used:

https://github.com/awalsh17/ravelry_yarns