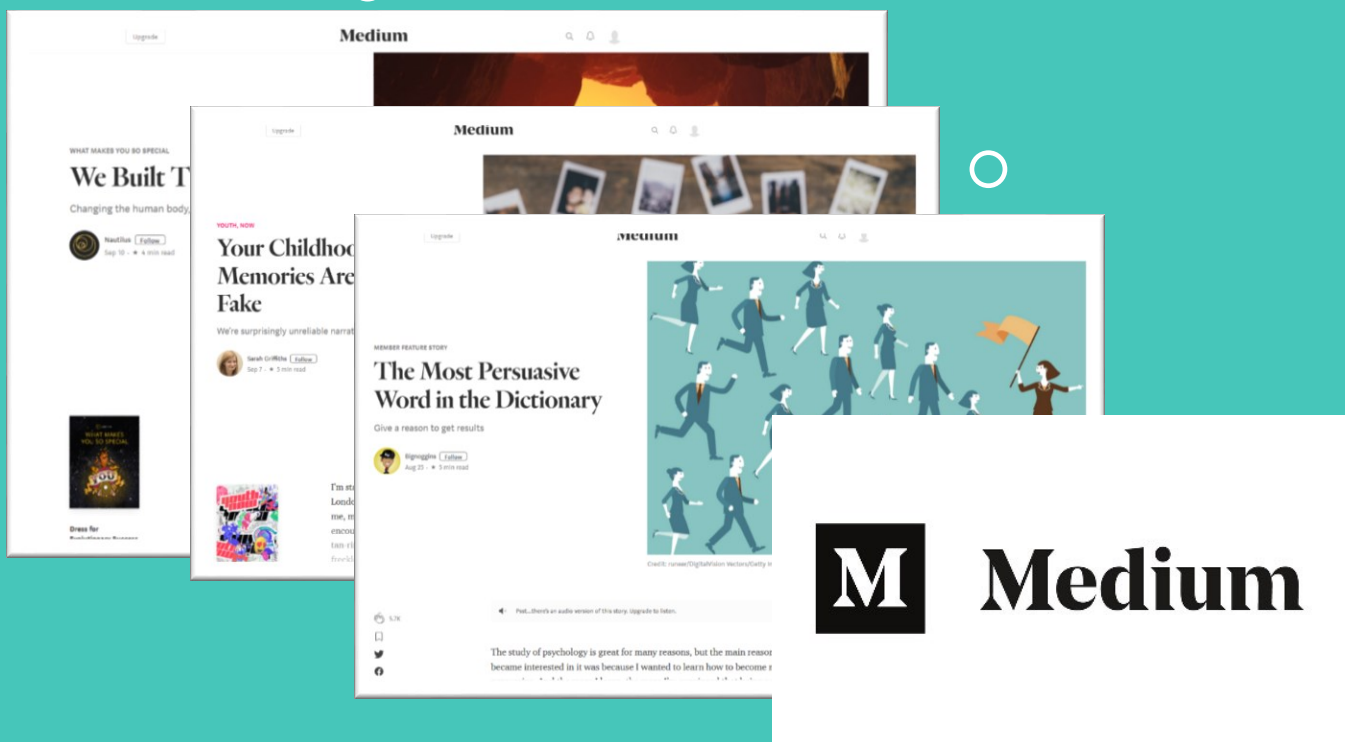




Get your story seen



Laureline Arnaud, PhD



[Become a member](#)

Medium

Search

Sign in

Get started

HOME

COLLECTIONS

POWER TRIP

CULTURE

TECH

ENTREPRENEURSHIP


SELF

POLITICS

DESIGN

POPULAR


MORE



What to Do When the News Cycle Triggers Your PTSD

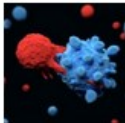
For sexual assault survivors, it can feel impossible to stay informed without compromising your mental health

Tessa Miller in Power Trip
Oct 2 · 5 min read ★



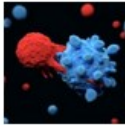
Olympic Skater Adam Rippon Wants a More Elaborate Skin Care Routine

Alexandra Sifferlin in The Health Diaries
Oct 2 · 5 min read ★



What Exactly Is Cancer Immunotherapy?


Dana G Smith
Oct 2 · 3 min read ★



The End of Snap and Tesla

Snapchat and Tesla were sold this week. T

Scott Galloway in No Mercy / No Malice
Oct 1 · 7 min read ★



Relax, Ladies. Don't Be So Uptight. You Know You Want It

Remember the '80s, when men preferred I

Anastasia Basil
Sep 19 · 11 min read ★


[SEE ALL FEATURED >](#)

Welcome to Medium, where words matter.

We'll deliver the best stories and ideas on the topics you care about most straight to your homepage, app, or inbox.

Get started

Learn more




Featured for members


How Bad Design Perpetuates Harmful Stereotypes

Specialized solutions for disadvantaged people often have more to do with negative perceptions than actual needs

Kat Holmes
a couple of hours ago · 9 min read ★



The Long Game for the Fifth SCOTUS Seat



Popular on Medium

01

How to be Strategic

Julie Zhuo
Oct 2 · 7 min read

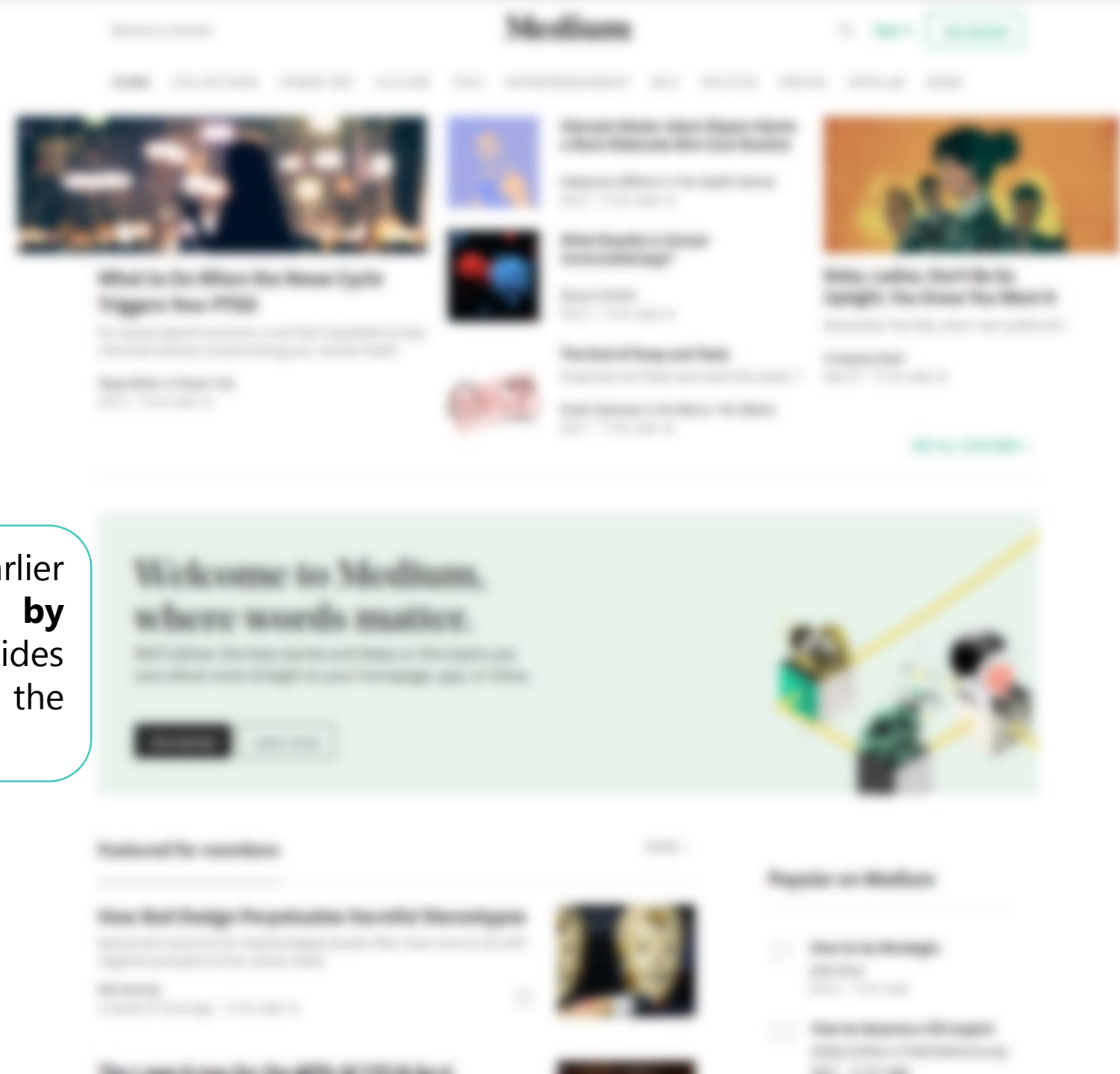
02

How to become a Git expert

Aditya Sridhar in freeCodeCamp.org
Oct 1 · 5 min read

Medium

"A specific difference from Williams' earlier service, Blogger, is that **posts are sorted by topic rather than writer**. The platform divides the stories into different categories using the **tag system**."



Current user experience

Medium



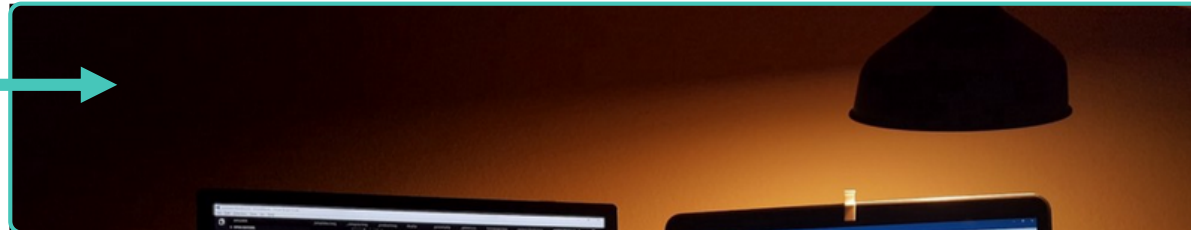
Lokesh Gupta

Follow

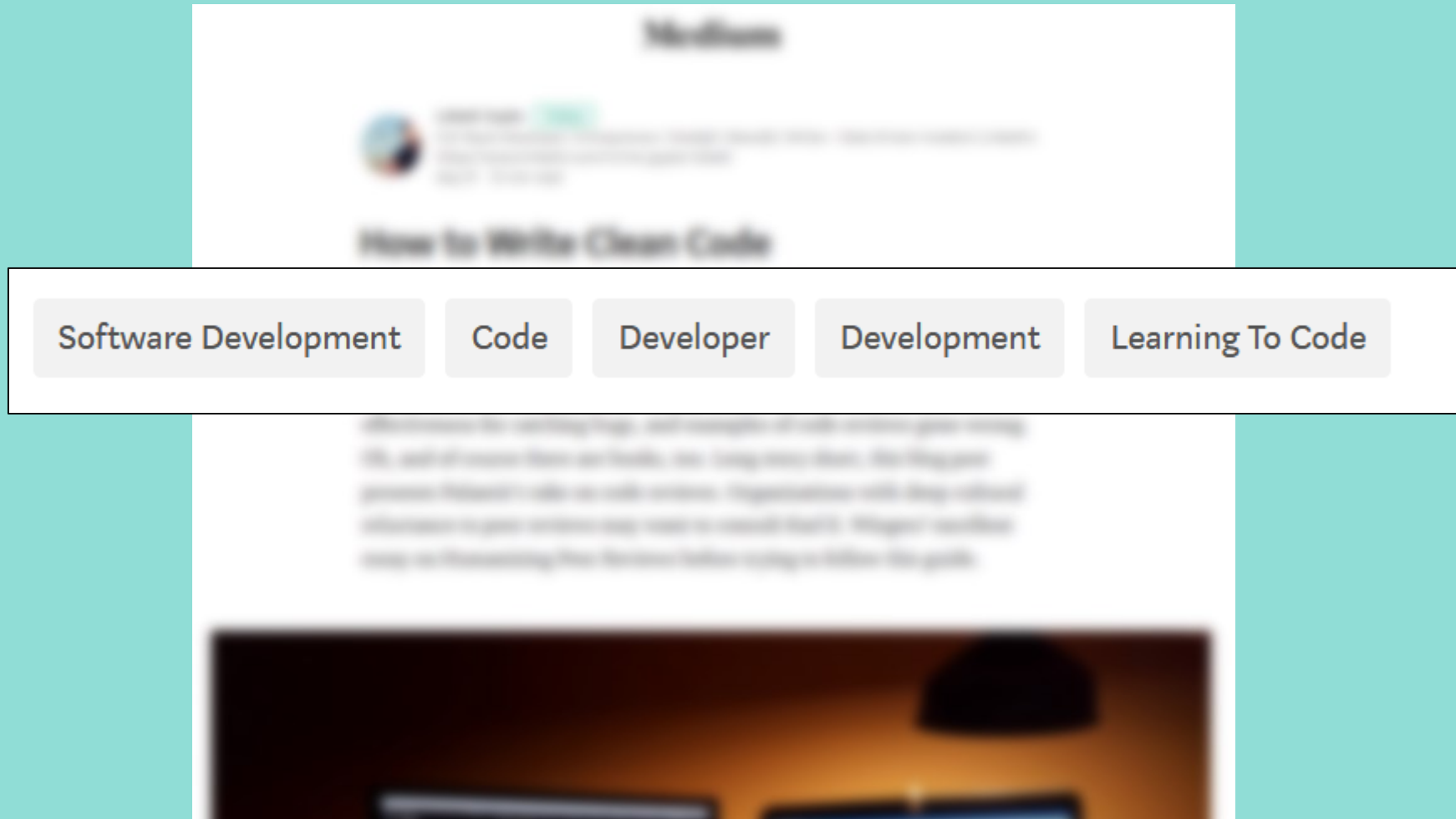
Full Stack Developer | Entrepreneur | NodeJS | ReactJS | Writer—Data Driven Investor| LinkedIn:
<https://www.linkedin.com/in/me-gupta-lokesh>
Sep 27 · 12 min read

How to Write Clean Code

The Internet provides a wealth of material on code reviews: on the effect of code reviews on company culture, on formal security reviews, shorter guides, longer checklists, humanized reviews, reasons for doing code reviews in the first place, best practices, more best practices, statistics on code review effectiveness for catching bugs, and examples of code reviews gone wrong. Oh, and of course there are books, too. Long story short, this blog post presents Palantir's take on code reviews. Organizations with deep cultural reluctance to peer reviews may want to consult Karl E. Wiegers' excellent essay on Humanizing Peer Reviews before trying to follow this guide.



Current user experience



Current customer product

The screenshot shows a Medium article draft interface. At the top, there's a header with a profile icon, the text 'Draft Saved', and a 'Publish' button. The article title is 'How to Write Clean Code'. Below the title, the first line of the text is 'The Internet provides a wealth of material on code re'. A dropdown menu for selecting tags is open, showing a list of tags: 'Cod (89)', 'Coding (21K)', 'Code (6.7K)', 'Codingbootcamp (2.8K)', and 'Codelikeagirl (1.2K)'. The 'Coding (21K)' tag is highlighted with a black box and an arrow pointing to it from the left. Other visible text includes 'Add or change tags (up to 5) so readers know what your story is about:', 'cod|', 'image to your interest', 'twitter', 'license', 'Earn money for your story', and a 'Publish' button at the bottom right of the tag selection area.

M Draft Saved Publish ▾

Ready to publish?

Add or change tags (up to 5) so readers know what your story is about:

cod|

- Cod (89)
- Coding (21K)**
- Code (6.7K)
- Codingbootcamp (2.8K)
- Codelikeagirl (1.2K)

image to your interest

twitter

license

Earn money for your story Publish

How to Write Clean Code

Title (+)

The Internet provides a wealth of material on code re
effect of code reviews on company culture,

Current customer product

M Draft Saved

Publish ▾ ... 🔔 👤

👤

Title

How to Write Clean Code

+

The Internet provides a wealth of material on code re
effect of code reviews on company culture,

Ready to publish?

Add or change tags (up to 5) so readers know what your story is about:

prog

- Prog (79)
- Programming (76K)**
- Progress (2.1K)
- Progressive (1.98K)
- Programming Languages (1.91K)

license

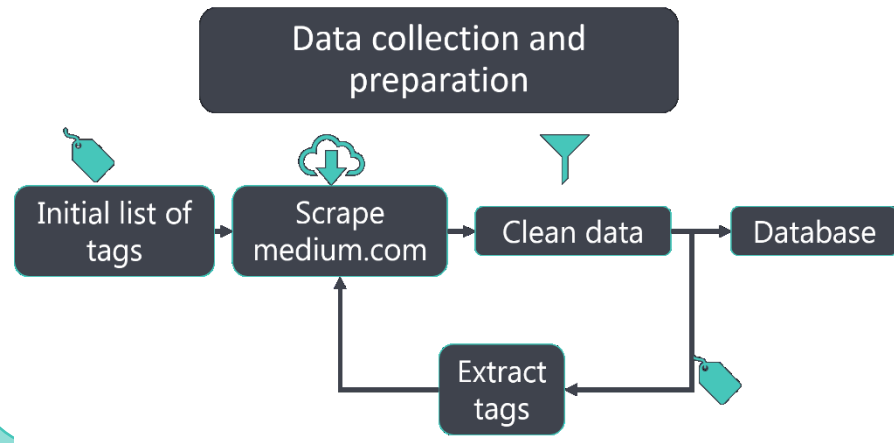
Earn money for your story

Publish

Finding relevant tags



152k unique articles
50k unique tags



author_id	original_tag	post_time	tag1	tag2	tag3	tag4	tag5	title
6f59ddac6802	data analysis	2017-02-09	Python Web Developer	Data Analysis	Python	Data Visualization	Data Visualisation	Udemy — Python for Data Anal
e4b68a5f0cb8	data analysis	2017-02-09	Activities	Data Literacy	Data Analysis	Tools		New DataBasic Tool Lets You “C
9df157122b2d	data analysis	2017-02-24	Data Visualization	Design	Data Analysis	Oscars		What YouTube told us about th
de5e3d7b5856	data analysis	2017-02-22	Research	Surveys	Data Analysis	Post Truth	Data Visualization	Gathering and Sharing Facts in
16e3ca055b8c	data analysis	2017-02-01	Climate Change	Environment	Data Analysis			Climate Change Data Analysis (
16b0b5e2e031	data analysis	2017-02-16	Marketing	Startup	Data Analysis	Data	CRM	Marketing to VIPs: An Overview
dd845b669132	data analysis	2017-02-23	Retail	Technology	Geospatial	GIS	Data Analysis	Geospatial technology is a valu
b9a4f6da81ed	data analysis	2017-02-27	Data Science	Python	Data Visualization	Data	Data Analysis	Matplotlib Tutorial: Python Plo
b16ba78361c	data analysis	2017-02-26	Artificial Intelligence	Machine Learning	Data Analysis	Data Science		Why AI is really the next big thi
b9a4f6da81ed	data analysis	2017-02-22	Data Science	Python	Data Visualization	Data	Data Analysis	Matplotlib Cheat Sheet: Plottin
e0a32fa1343b	data analysis	2017-02-22	2016 Election	Twitter	Data Visualization	Data Analysis	Tableau	What 10,000 tweets tell you ab
bc2e5f25a01b	data analysis	2017-02-09	Productivity	Excel	Google Sheets	Data Science	Data Analysis	17 Google Sheets Tips & Tricks
9df157122b2d	data analysis	2017-02-24	Data Visualization	Design	Data Analysis	Oscars		What YouTube told us about th
de5e3d7b5856	data analysis	2017-02-22	Research	Surveys	Data Analysis	Post Truth	Data Visualization	Gathering and Sharing Facts in
16e3ca055b8c	data analysis	2017-02-01	Climate Change	Environment	Data Analysis			Climate Change Data Analysis (
16b0b5e2e031	data analysis	2017-02-16	Marketing	Startup	Data Analysis	Data	CRM	Marketing to VIPs: An Overview
dd845b669132	data analysis	2017-02-23	Retail	Technology	Geospatial	GIS	Data Analysis	Geospatial technology is a valu
b9a4f6da81ed	data analysis	2017-02-27	Data Science	Python	Data Visualization	Data	Data Analysis	Matplotlib Tutorial: Python Plo
b16ba78361c	data analysis	2017-02-26	Artificial Intelligence	Machine Learning	Data Analysis	Data Science		Why AI is really the next big thi
b9a4f6da81ed	data analysis	2017-02-22	Data Science	Python	Data Visualization	Data	Data Analysis	Matplotlib Cheat Sheet: Plottin
e0a32fa1343b	data analysis	2017-02-22	2016 Election	Twitter	Data Visualization	Data Analysis	Tableau	What 10,000 tweets tell you ab
bc2e5f25a01b	data analysis	2017-02-09	Productivity	Excel	Google Sheets	Data Science	Data Analysis	17 Google Sheets Tips & Tricks
31693f3feb7f	data analysis	2017-02-12	R	Data Visualization	Data Science	Analytics	Data Analysis	R y AnalyStats juntos.R es uno c
c70d7a7d9ecb	data analysis	2017-02-13	Japan	Travel	Data Analysis	R Language	Culture	Why I need to go to Japan — an
589efda17c78	data analysis	2017-02-14	Big Data	Artificial Intelligence	Behavioural Science	Data Analysis	Morethandata	Should Data be in the Driving S
6f59ddac6802	data analysis	2017-02-14	Data Science	Data Analysis	Reporting	Research	Market Research Reports	Udemy — SPSS For Research [10
1c8577f823eb	data analysis	2017-02-14	Soccer	Data Analysis	Probability	Uefa Champions League		Previendo a Champions League
54b35aedb3f7	data analysis	2017-02-15	Machine Learning	Data Science	Regression	Data Visualization	Data Analysis	How To Analyze Data Using Line
d8ae90c0665a	data analysis	2017-02-15	Big Data	Data Science	Predictive Analytics	Analytics	Data Analysis	How Do You Know Your Predict
933a8873a077	data analysis	2017-02-15	Privacy	Tech	Data Analysis	Financial Services	Data	Privacy is like sex: once you sha
57a97cdf3958	data analysis	2017-02-15	Product Management	Startup	Self Improvement	Product Design	Data Analysis	Learning to be a Product Manag
16b0b5e2e031	data analysis	2017-02-16	Marketing	Startup	Data Analysis	Data	CRM	Marketing to VIPs: An Overview
7a9ad1599187	data analysis	2017-02-17	Data Science	Tech	Data	Data Analysis	Data Visualization	Back to our first love: Data Scie
54d4cd82175b	data analysis	2017-02-17	Statistics	Data	Data Analysis	Data Science		P-Value SimplifiedIn inferentia
c7ef7aa1afb6	data analysis	2017-02-17	Critical Thinking	Data Science	Data Visualization	Data Analysis		Critical Thinking for Data Storyt
dcea46cc54bb	data analysis	2017-02-17	India	Data Analysis	Data Visualization	Crime		India's missing: An analysis
2ff28ed34635	data analysis	2017-02-17	Reviews	Sharing Economy	Data Analysis	Airbnb	Ratings	Reviews vary from platform to
f6ffd4e1b2cb	data analysis	2017-02-18	Healthcare	Health Technology	Blockchain	Data Analysis	Pharmaceutical	You can bring healthcare out of

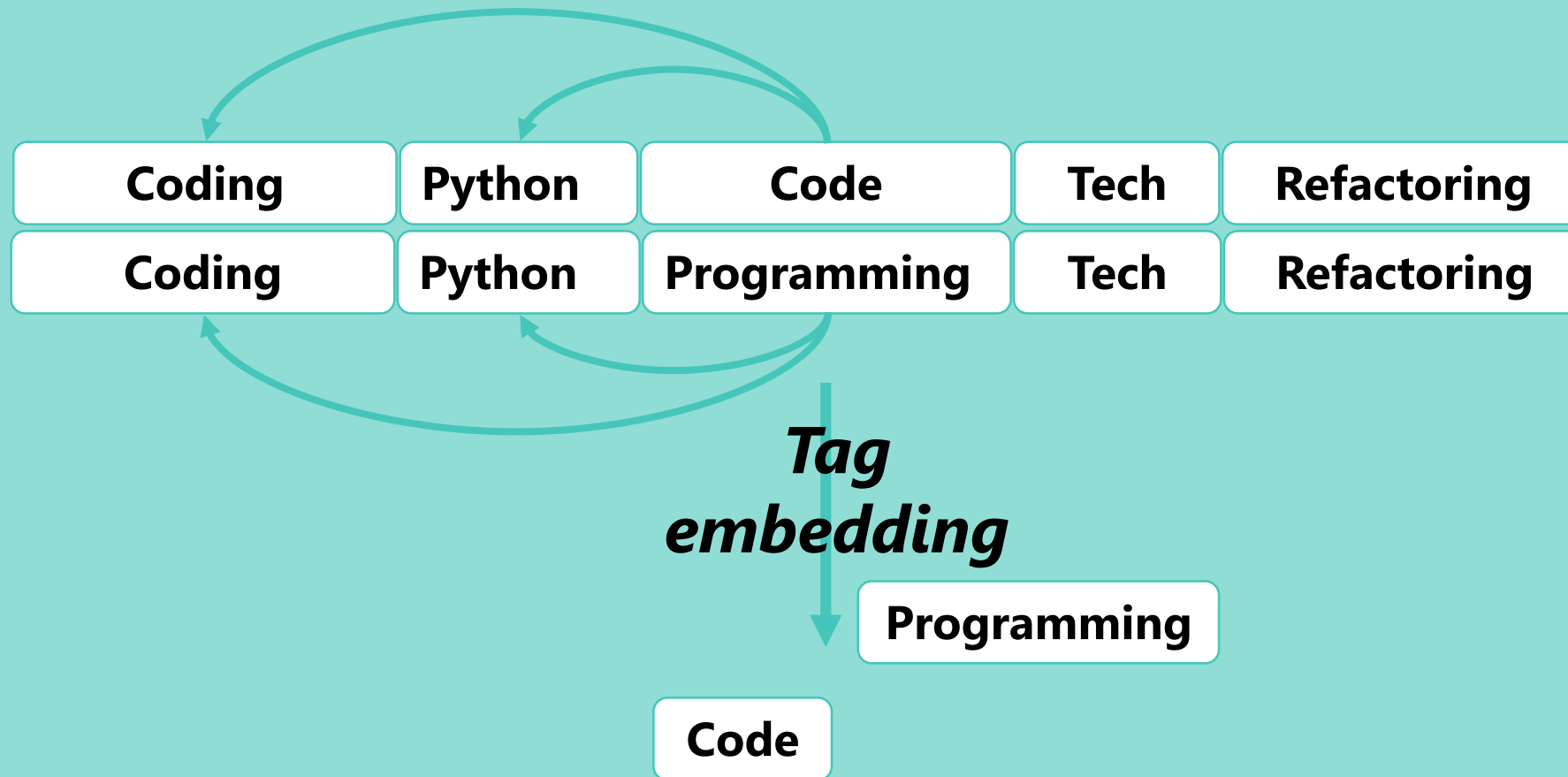
152k unique articles
50k unique tags

author_id	original_tag	post_title	tag1	tag2	tag3	tag4	tag5	title
6f59ddac6802	data analysis	2017-02-09	Python Web Developer	Data Analysis	Python	Data Visualization	Data Visualisation	Udemy — Python for Data Analysis
			tag1	tag2	tag3	tag4	tag5	
			Python	Bloomberg				DataBasic Tool Lets You “C
			Data Science	Machine Learning	Artificial Intelligence	Computer Science	Python	t YouTube told us about th
			Python	Visual Studio	Programming	Visual Studio Code	Software Development	ering and Sharing Facts in
			Tutorial	Python	Mechanical Turk	Boto		ate Change Data Analysis (
			Security	Cryptography	JavaScript	Python	Tutorial	keting to VIPs: An Overview
			Python	Django	Programming	Web Development	Software Development	spatial technology is a valu
			Python	Python Web Developer	Django	Software Development	Web Development	plotlib Tutorial: Python Plo
			Python	Programming	Web Development	Django	Software Development	AI is really the next big th
			Data Science	Python	Excel	R		plotlib Cheat Sheet: Plottin
			Programming	Python	Oop	Python3		t 10,000 tweets tell you ab
			Python					oogle Sheets Tips & Tricks
			Twitter	Privacy	Social Media	Cybersecurity	Python	t YouTube told us about th
			Python	Linter	Clean Code			ering and Sharing Facts in
			Rabbitmq	Python	Message Queue	Microservices	Web Development	ate Change Data Analysis (
			Programming	Algorithms	Python			keting to VIPs: An Overview
			Football	D3	Fitbit	Python	Strava	spatial technology is a valu
			Data Science	Python	Jupyter Notebook	Weather Apps	Forecasting	plotlib Tutorial: Python Plo
			TensorFlow	Python	Machine Learning	Big Data	Data Science	AI is really the next big th
			Mongodb	Web Development	Python Web Developer	Python	Python3	plotlib Cheat Sheet: Plottin
dcea46cc54bb	data analysis	2017-02-17	India	Data Analysis	Data Visualization	Crime		t 10,000 tweets tell you ab
2ff28ed34635	data analysis	2017-02-17	Reviews	Sharing Economy	Data Analysis	Airbnb	Ratings	oogle Sheets Tips & Tricks
f6ffd4e1b2cb	data analysis	2017-02-18	Healthcare	Health Technology	Blockchain	Data Analysis	Pharmaceutical	anlyStats juntos.R es uno c

Initial list of tags

me

Tag embedding model



Finding relevant and popular tags

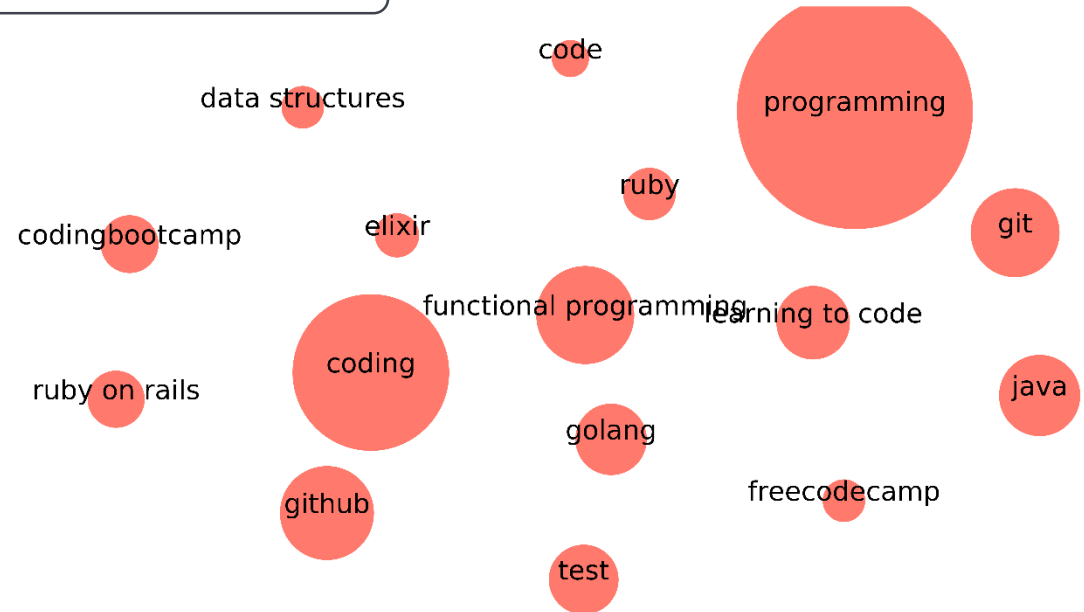
Tag embedding model

"Code"

100 tags with
the closest
meaning

Number of followers

Filter by popularity



Product demo

Try TagIt!



Find better tags!

Try TagIt!



e.g. Artificial Intelligence

Find better tags!

BETTER TAGS FOUND!

code	1.14K followers
programming	47882 followers
coding	21000 followers
functional programming	8173 followers
github	7500 followers
git	6700 followers
java	5583 followers
learning to code	4558 followers
golang	4296 followers
test	4100 followers
codingbootcamp	2800 followers
ruby on rails	2732 followers
ruby	2293 followers
elixir	1621 followers
data structures	1500 followers
freecodecamp	1500 followers

codingbootcamp java

test coding github

functional programming

data structures

programming

elixir

learning to code

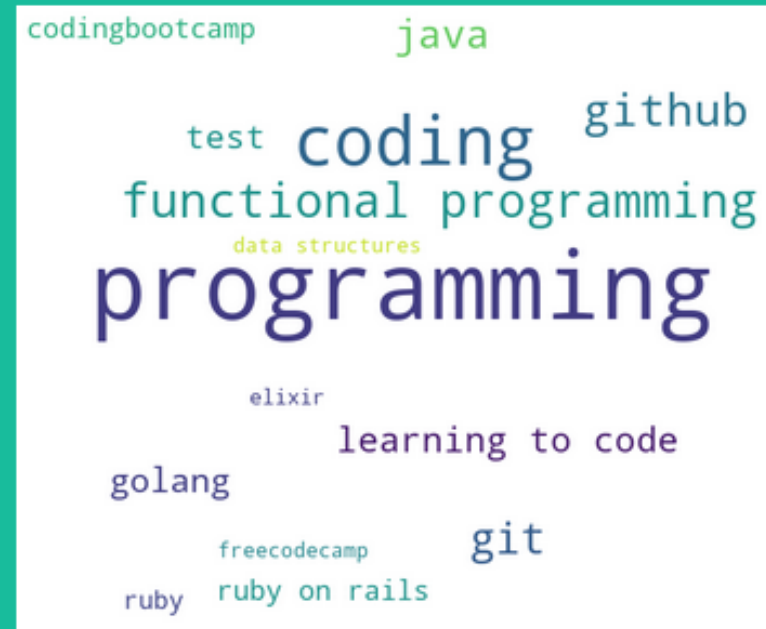
golang

freecodecamp git

ruby ruby on rails

BETTER TAGS FOUND!

code	1.14K followers
programming	47882 followers
coding	21000 followers
functional programming	8173 followers
github	7500 followers
git	6700 followers
java	5583 followers
learning to code	4558 followers
golang	4296 followers
test	4100 followers
codingbootcamp	2800 followers
ruby on rails	2732 followers
ruby	2293 followers
elixir	1621 followers
data structures	1500 followers
freecodecamp	1500 followers



Deployment and validation

- Subset of users for a month
- Behavior analysis:
 - Use of general vs. specific tags ?
- Adjust product
 - e.g. also recommend specific tags using term frequency in article (TF-IDF)



Get your story seen

- Writer's experience
- Reader's experience
- Content quality

Laureline Arnaud, PhD

Laureline Arnaud

