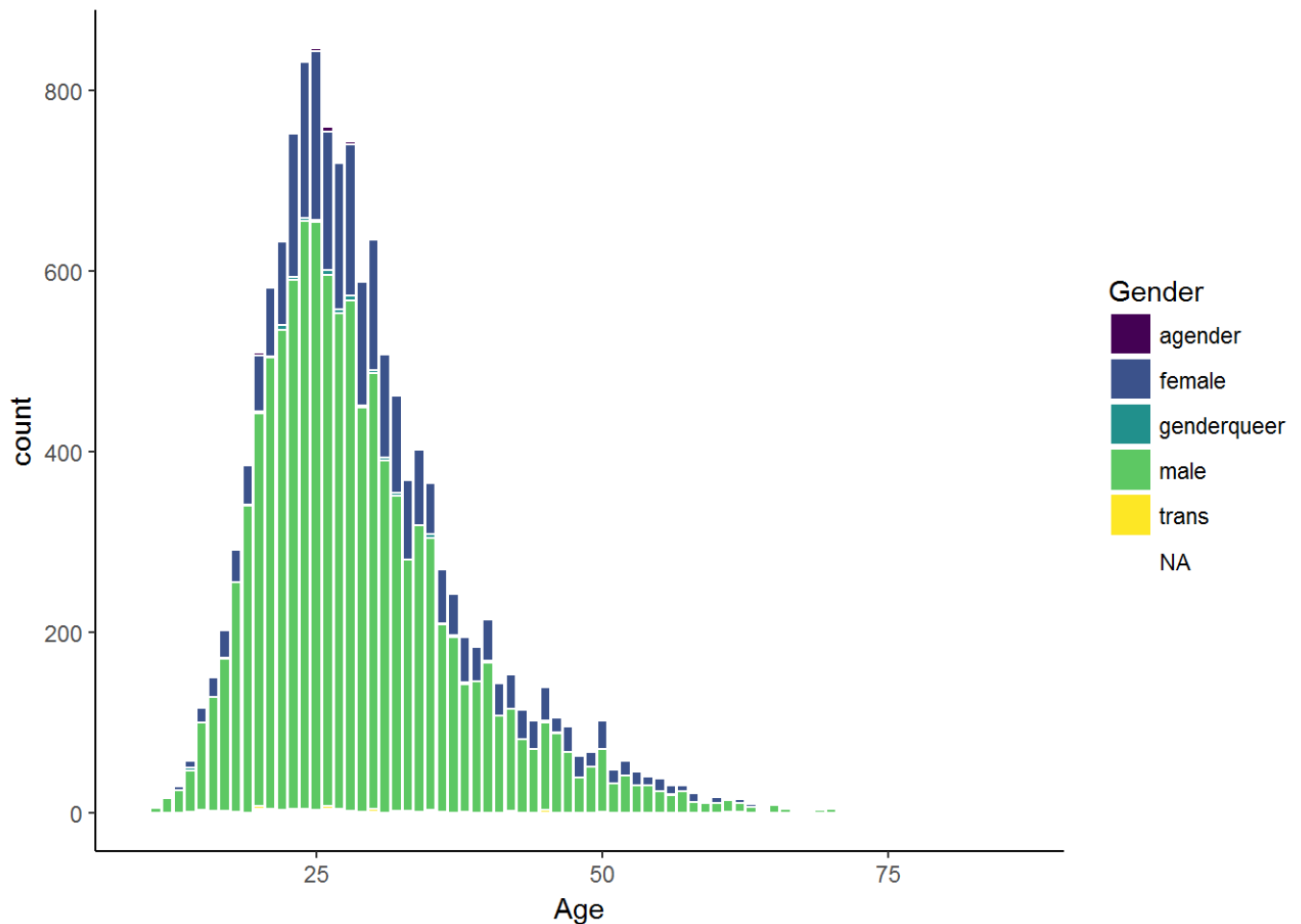# How people learn to code

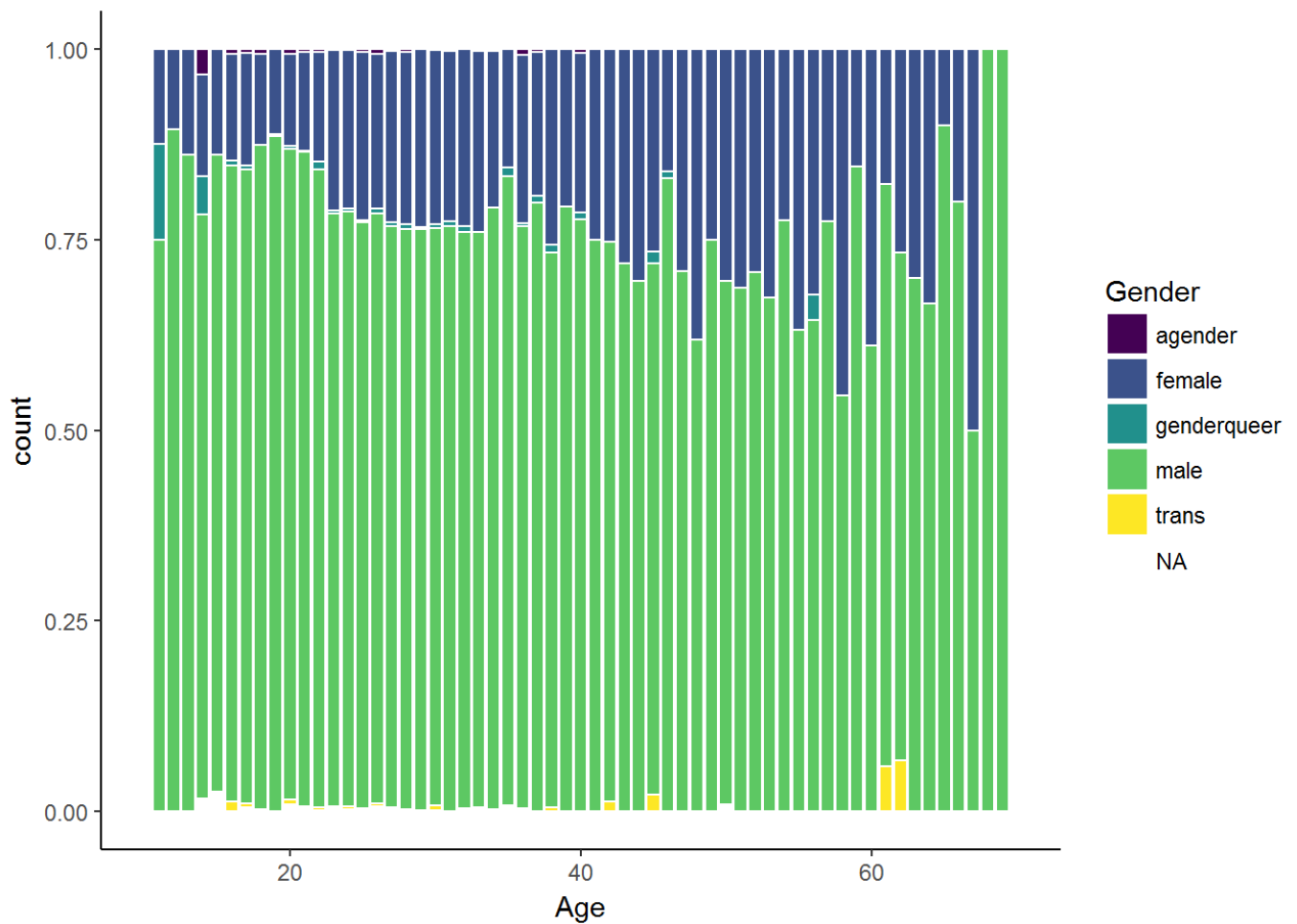*Surabhi Chouhan*

December 25, 2016

Demographics

Some basic demographics: gender and age mix

The surveyed has median age of 27, more male than female

Let's see if the gender mix change across ages

There are increasing percentage of older female coding.

What are the top countries people live in

| CountryLive	less than 100,000	between 100,000 and 1 million	more than 1 million
Australia	23	65	172
Brazil	39	75	153
Canada	87	216	233
India	65	296	604
United Kingdom	180	226	204
United States of America	1758	2476	1971

Based on residential country, 46% of the surveyed live in US 36% are from cities with between 100K to 1M people, while 40% are from big cities with more than 1 milion people.

Socio-economic profile

The surveyed has median income of 37K, minimally 6K, maximally 20K.

In terms of hours of learning, how are people of different income group behave differently?

Learning hours by income group
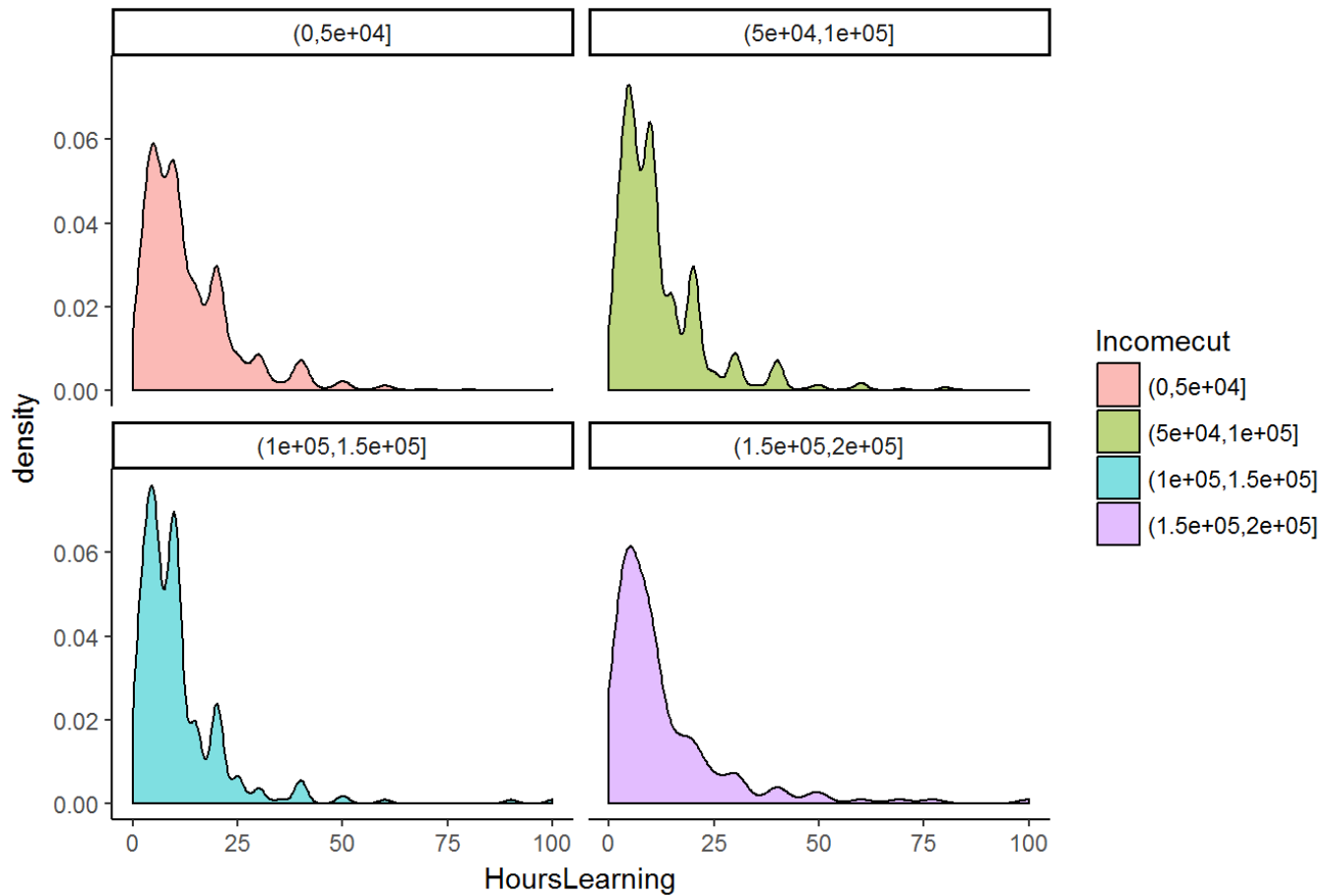
Career

67 % of those attended bootcamp finished them. 58 % of those finish bootcamp had full-time job afterwards.

What are the job fields and employment status for participant

Employment status and field among Bo[...]
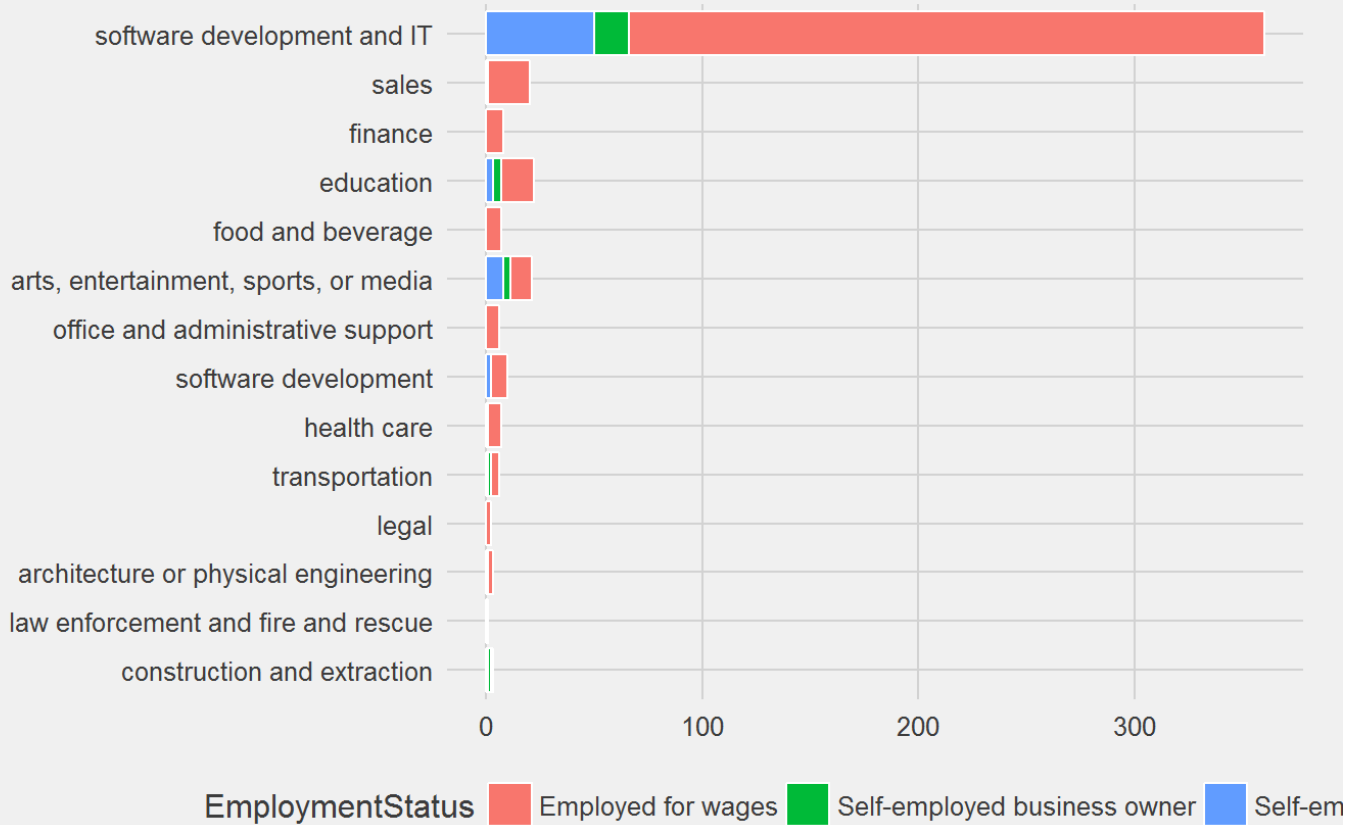
Majority are employed for wages and working in software development and IT. Participants also come from in sales, education, finance, media etc.

Next we'll how are people's current job differ from their ideal job
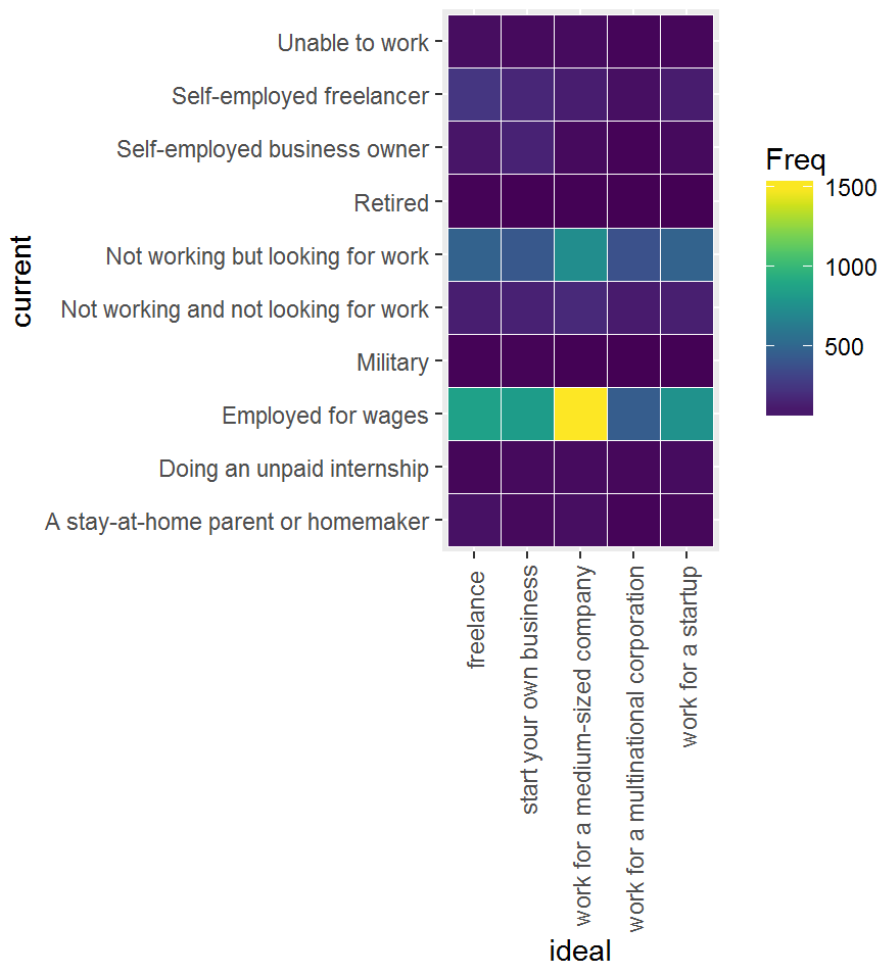
So lots of people employed for wages want changes, either work for a medium-sized company, or start-up, freelance, etc

Online Resources for learning coding

Let's see what resources they use to learn online

name	count
FCC	10937
Codecademy	9586
Coursera	4844
Udemy	4130
KhanAcademy	3746
PluralSight	3565
EdX	3472
Udacity	3306
OdinProj	1687
CodeWars	1563
DevTips	968
Treehouse	

name	count
StackOverflow	422 191
Lynda	150
Books	144
W3Schools	121
YouTube	121
Google	55
SkillCrush	36
Blogs	30
HackerRank	30
SoloLearn	30
EggHead	29
Reddit	29
MDN	26

It appears Freecodecamp, Codeacademy, Udemy, Udacity, Coursera, Edx, Khan Academy and PluralSight are among popular resources

Coding Events

Next let's see what Code events people join

name	count
None	8900
Conferences	2898
Hackathons	2422
Coffee	2077
StartUpWknd	743
WomenCode	711
GirlDev	558
NodeSchool	480
Meetup	313
RailsBridge	255
Bootcamp	42
Workshop	23
GameJam	22

name	count
DjangoGirls	18
RailsGirls	14

It appears conference, coffee and hackathon are among the top code events.

Coding podcast

What podcast do they listen to?

name	count
None	11040
CodeNewbie	1878
JSJabber	1356
SEDaily	775
ChangeLog	583
ShopTalk	83
DeveloperTea	80
RubyRogues	79
TalkPython	41
ProgrammingThrowDown	34
JsAir	29
Hanselminutes	19
DotNetRocks	18
CodingBlocks	16
WebAhead	15

JS Jabber, Code Newbie and SE Daily sounds fun

Bootcamp

What are the bootcamps people attend and do people recommend it

BootcampName	recommendpct	attendee
General Assembly	0	90
Flatiron School	0	54
Dev Bootcamp	0	48
The Iron Yard	0	40
Prime Digital Academy	0	30
Hack Reactor	0	29

BootcampName	recommendpct	attendee
Turing	0	27
App Academy	0	22
Hackbright Academy	0	22
Code Fellows	0	21
Bloc.io	0	21
MakerSquare	0	20
New York Code + Design Academy	0	20
Galvanize	0	20
Coding Dojo	0	18
The Firehose Project	0	16
Epicodus	0	14
Dev Academy	0	13
Makers Academy	0	12
Tech Talent South	0	12
Coder Camps	0	11
Viking Code School	0	10
DevMountain	0	10
Launch Academy	0	10
Software Guild	0	10
Codeup	0	10
Ada	0	9
CodeaCamp	0	8
Anyone Can Learn To Code	0	7
CodeNinja	0	7
IronHack	0	7
4Geeks Academy	0	7
Startup Institute	0	7
Fullstack Academy	0	6
Thinkful	0	6
Wyncode	0	6
CareerFoundry	0	5
Nashville Software School	0	5
10x.org.il	0	

BootcampName	recommendpct	attendee
Bitmaker Labs	0	5
CodeCore Bootcamp	0	5
Academia de CÃ³digo	0	4
devCodeCamp	0	4
LAMP Camp	0	4
Lighthouse Labs	0	4
Rutgers Coding Bootcamp	0	4
Sabio.la	0	4
Codesmith	0	4
RefactorU	0	4
Codify Academy	0	4
Dev League	0	3
Grace Hopper Academy	0	3
Grand Circus	0	3
LEARN Academy	0	3
Skillcrush	0	3
Bit Bootcamp	0	3
BrainStation	0	3
Camp Code Away	0	3
Devschool	0	3
Learn.Modern-Developer	0	3
Orange County Code School	0	3
Tech Academy Portland	0	3
Coding House	0	3
Starter League	0	3
tradecraft	0	3
V School	0	3
We Can Code IT	0	3
Zip Code Wilmington	0	3
AcadGild	0	2
Big Nerd Ranch	0	2
BoiseCodeWorks	0	2
Code Platoon	0	

BootcampName	recommendpct	attendee
Codecademy Labs	0	22
CODEcamp Charleston	0	2
Coder Factory	0	2
DigitalCrafts	0	2
EHD Academy	0	2
Eleven Fifty Academy	0	2
Omaha Code School	0	2
Telegraph Academy	0	2
We Got Coders	0	2
Digital House	0	2
Fire Bootcamp	0	2
HackerYou	0	2
LearningFuze	0	2
Metis	0	2
Mobile Makers Academy	0	2
PDX Code Guild	0	2
DaVinci Coders	0	2
AngelHack Education	0	1
Austin Coding Academy	0	1
Base10 Academy	0	1
Betamore	0	1
Byte Academy	0	1
Claim Academy	0	1
Code 42	0	1
Code Institute	0	1
Code Union	0	1
CodeCraft School	0	1
CodeMasters Academy	0	1
Coder's Lab	0	1
Coder Foundry	0	1
codeU	0	1
DESIGNATION	0	1

BootcampName	recommendpct	attendee
Founders & Coders	0	1
Ladies Learning Code	0	1
Launch School (formerly Tealeaf Academy)	0	1
Le Wagon	0	1
Microsoft Research Data Science Summer School	0	1
Operation Spark	0	1
Origin Code Academy	0	1
Ruby On The Beach	0	1
Science to Data Science	0	1
SeedPaths	0	1
Stackademy	0	1
The Data Incubator	0	1
Academy X	0	1
Astro Code School	0	1
Atlanta Code	0	1
Code For Progress	0	1
Data Science Dojo	0	1
Interface Web School	0	1
Montana Code School	0	1
World Tech Makers	0	1

GA has most attendees yet 22% don't recommend it, Flatiron comes next with high recommendation rate. This is an interactive list of bootcamps, useful for informing bootcamp attending decision as well

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