Current Technology Usage

Top 10 Programming Languages

Language	Number of Respondents
JavaScript	8,687
HTML/CSS	7,830
SQL	7,106
Bash/Shell/PowerShell	4,642
Python	4,542
Java	4,506
C#	4,288
TypeScript	3,232
PHP	2,913
C++	1,946

Top 10 Databases

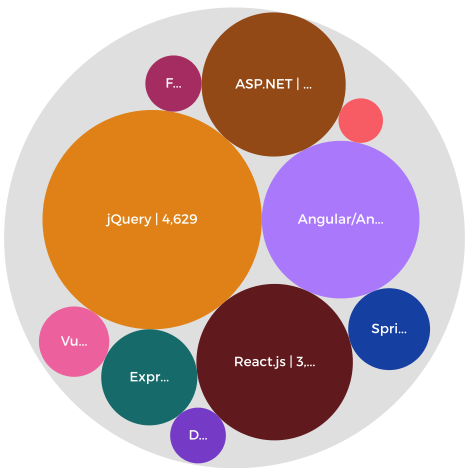| Database	Num. of Respondents
MySQL	5,469
Microsoft SQL Server	4,110
PostgreSQL	4,097
SQLite	3,248
MongoDB	3,016
Redis	2,508
Elasticsearch	1,954
Oracle	1,744
MariaDB	1,709
Firebase	1,314
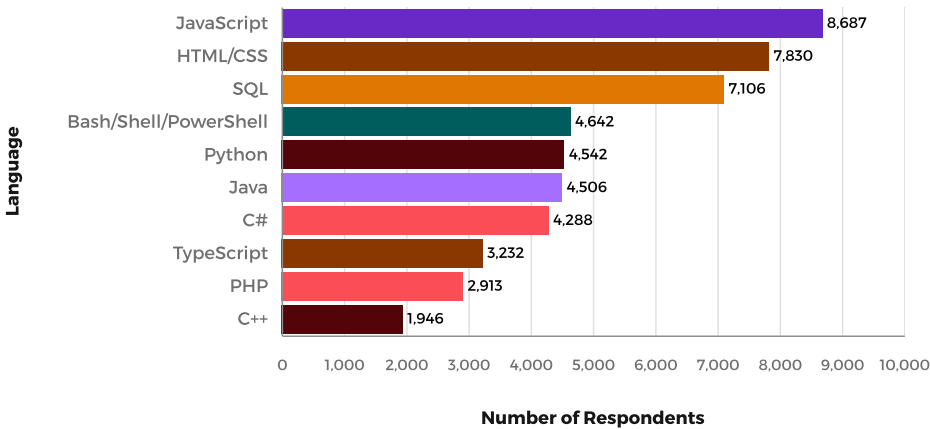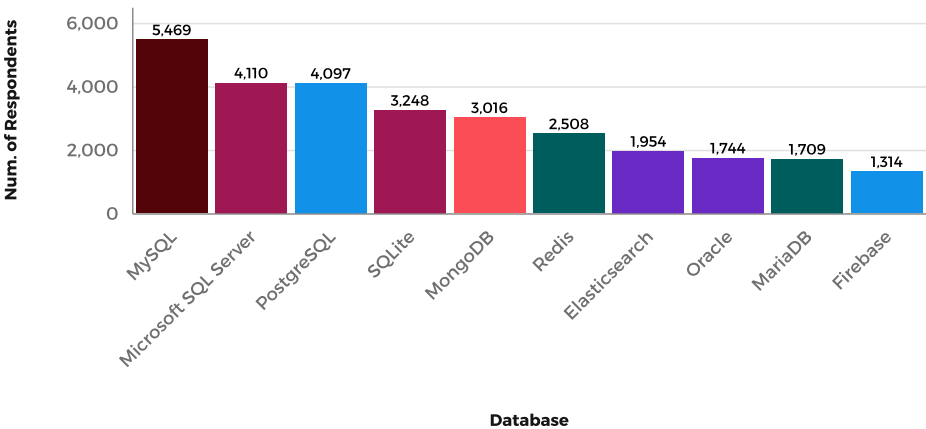
Developer Platform Usage Distribution

WordPress Linux Windows Docker IBM Cloud or Watson Raspberry Pi Android MacOS Kubernetes Google Cloud Platform Microsoft Azure Arduino AWS iOS Slack Heroku

Top 10 Web Frameworks

F... ASP.NET | ... jQuery | 4,629 Angular/An... Vu... Expr... React.js | 3,... D... Spri...
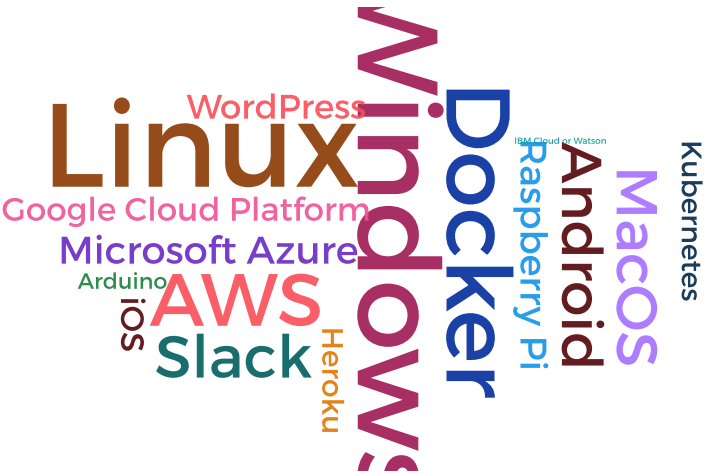
Future Technology Trend

Top 10 Desired Language to Learn

Language	Number of Respondents
JavaScript	6,630
HTML/CSS	5,328
Python	5,239
SQL	5,012
TypeScript	4,088
C#	3,591
Bash/Shell/PowerShell	3,097
Java	2,953
Go	2,759
Kotlin	1,890
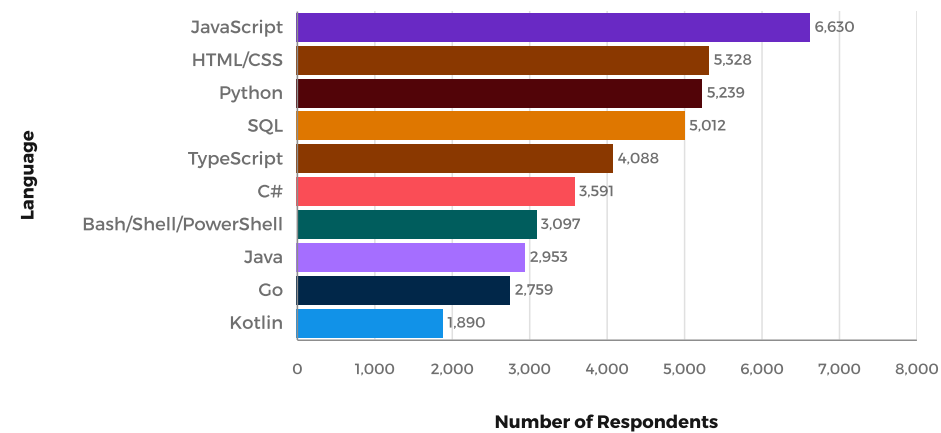
Top 10 Desired Database to Learn

Database	Num. of Respondents
PostgreSQL	4,328
MongoDB	3,649
Redis	3,331
MySQL	3,281
Elasticsearch	2,856
Microsoft SQL Server	2,706
SQLite	2,437
Firebase	1,650
MariaDB	1,385
DynamoDB	1,044
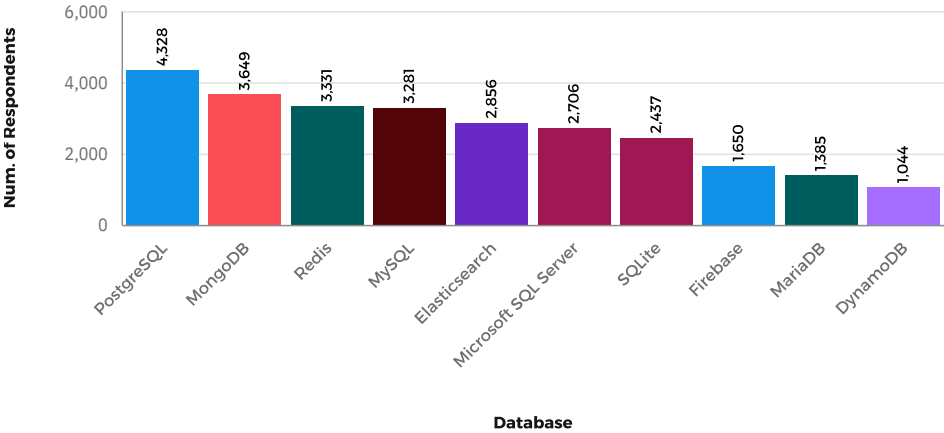
Platform Desire Next Year

Platform	Value
Linux	5,865
Docker	5,804
AWS	4,442
Windows	3,888
Android	3,231
Kubernetes	3,201
MacOS	2,593
Raspberr...	2,525
Google C...	2,401
Slack	2,359
iOS	1,987
Heroku	1,121
Microsoft Azure	2,114
Arduino	1,399
Word...	704
IB...	373
Other(s):	
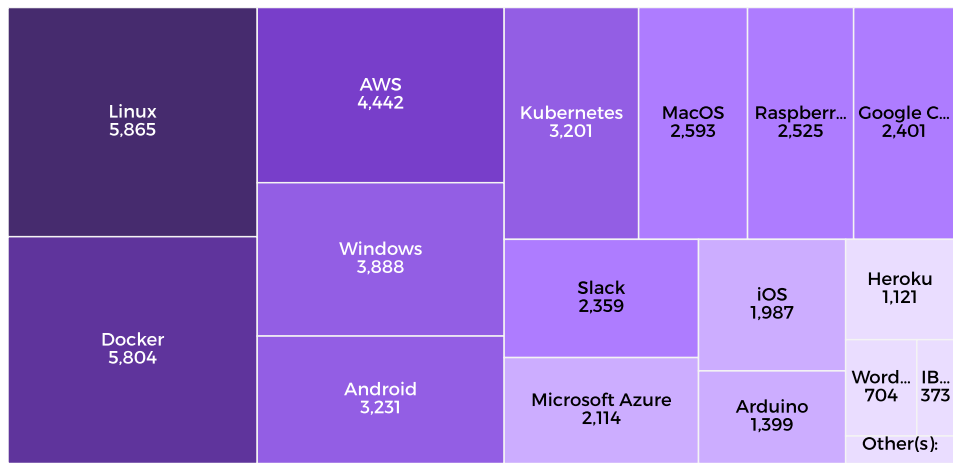
Top 10 Web Framework Desire Next Year

Framework	Value
React.js	4,714
Vue.js	3,1...
Angular/A...	
jQuery...	
Spr...	
ASP.NE...	
Expr...	
Dj...	
R...	
F...	
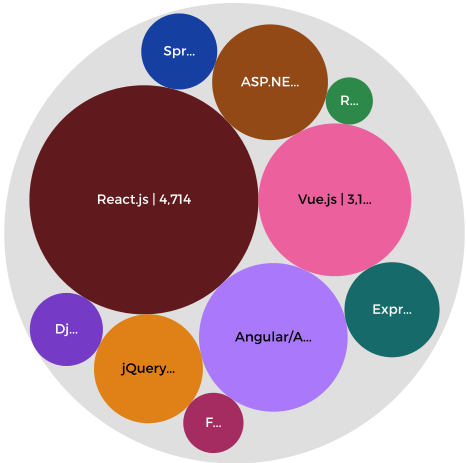
Demographics

Respondents by Gender

Woman | 6.5%

Man | 93.5%

Respondent Locations

Respondent (Count)

1   3,127

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Respondent by Age

787
738
722   722
679   651
581
531
489   483
406   395   393
                  308
203   232
             187   279
109   162
     29 3 6   136   95   66 64
                                57   32
                                  13 16 11 12 11 2 10 5 7 2 1 1 1 2 1

Number of Respondents

16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 65 67 71

Age
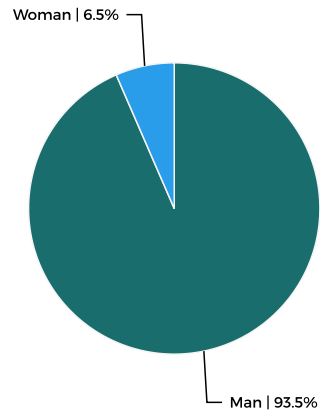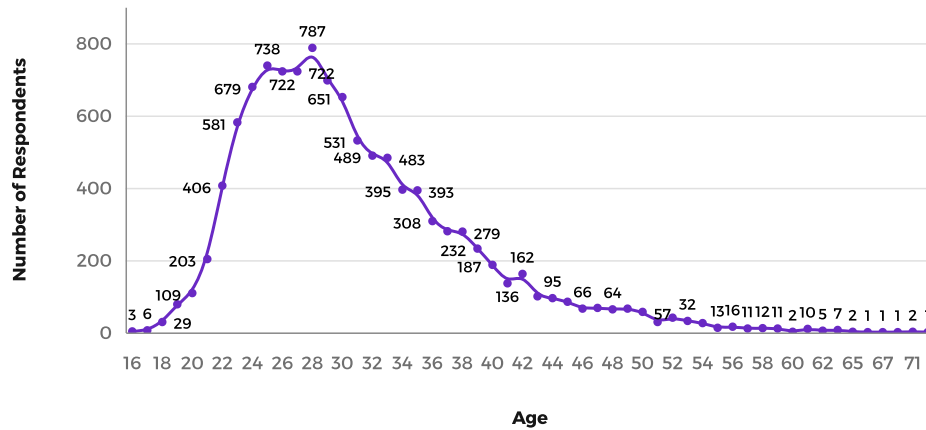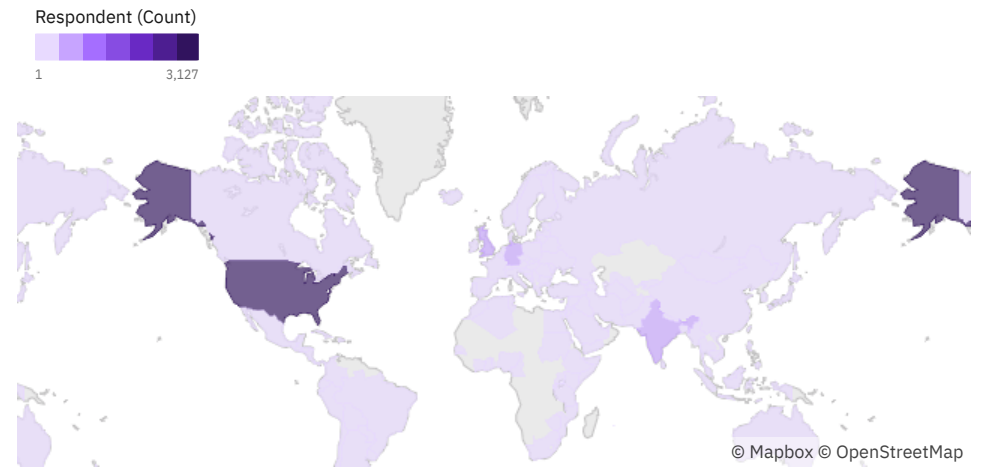
Formal Education Level by Gender

Man   5,341   2,484   482 1,280

Woman

Gender

0   2,000   4,000   6,000   8,000   10,000

Number of Respondents

EdLevel
- Associate degree
- Bachelor's degree (BA, BS..
- I never completed any for...
- Master's degree (MA, MS, ..
- Other doctoral degree (Ph..
- Primary/elementary school
- Professional degree (JD, ...
- Secondary school (e.g. A...
- Some college/university s...