Current Technology Usage

Top 10 Most Used 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
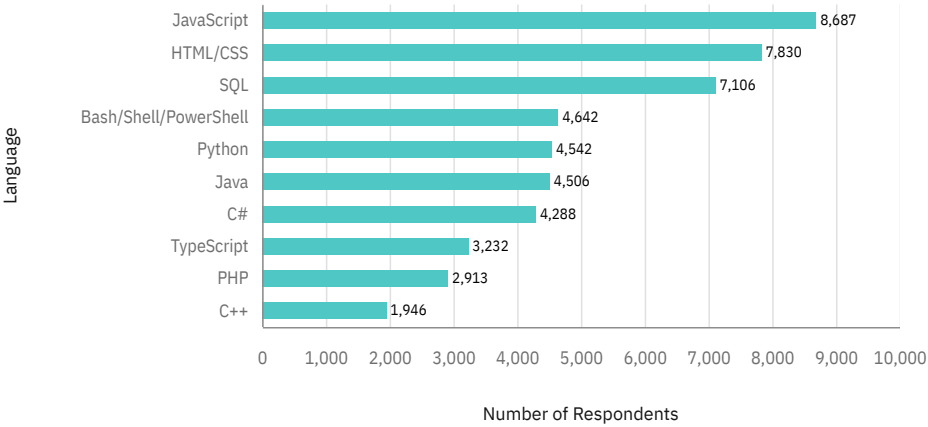
Top 10 Most Used Databases

Database	Number 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

Most Used Platforms

Size Scale: 1,490 – 5,811
Color Scale: 1,490 – 5,811

LINUX
WINDOWS
DOCKER
ANDROID
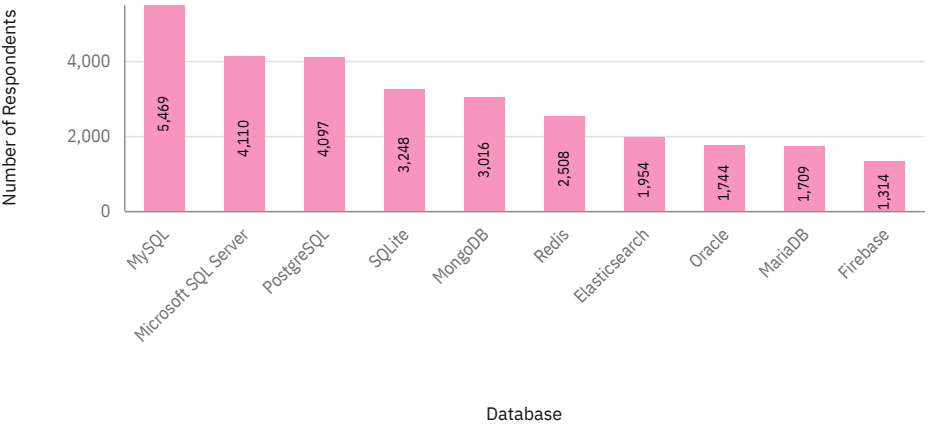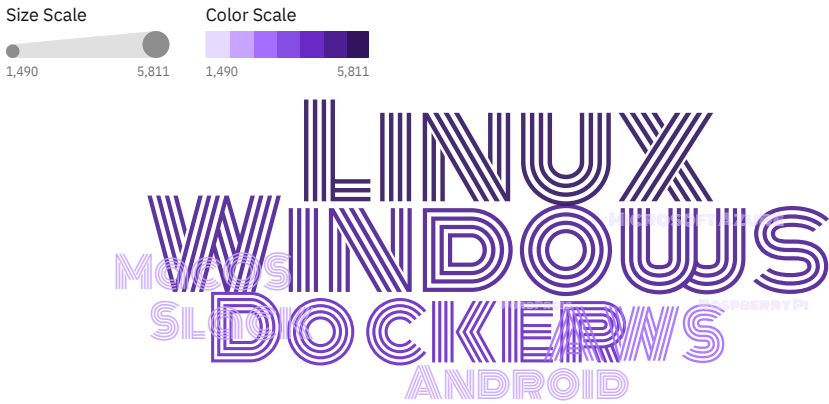
Top 10 Most Used Web Frames

Size Scale: 939 – 4,629
Color Scale: 939 – 4,629

ASP.NET
jQuery
Angular/...
React.js
Ex...
V...
S...
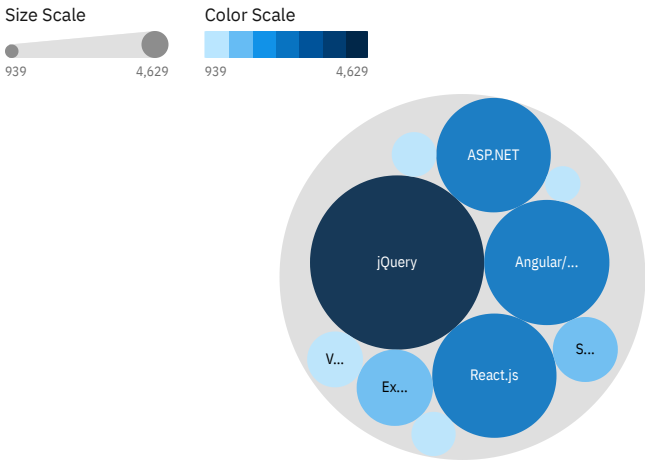
Future Technology Trend

Top 10 Languages Would-Like-to-Learn Next Year

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
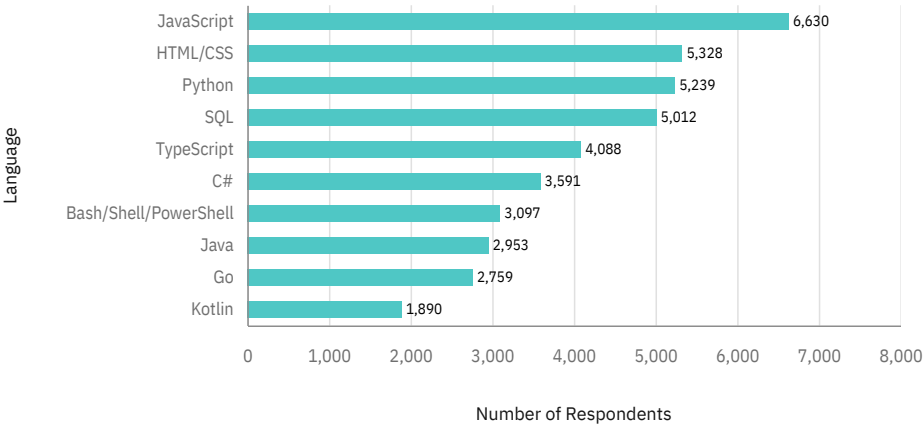
Top 10 Databases Would-Like-to-Learn Next Year

Database	Number 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
Dynam...	1,044
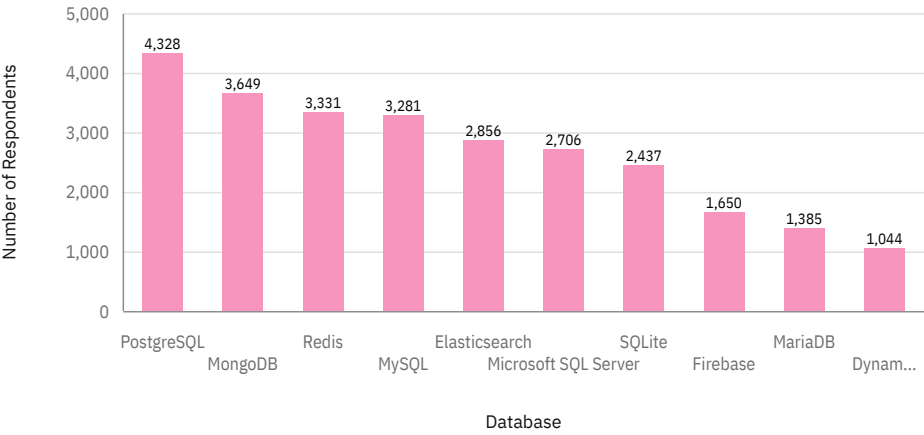
Platforms Would-Like-to-Learn Next Year

Size Scale: 307 — 5,865
Color Scale: 307 — 5,865

Platform	Value
Linux	5,865
Docker	5,804
AWS	4,442
Windows	3,888
Android	3,231
Kubernetes	3,201
MacOS	2,593
Raspberry Pi	2,525
Google Cl...	2,401
Slack	2,359
Microsof...	2,114
iOS	1,987
Arduino	1,399
Heroku	1,121
Wo...	704
IBM ...	373
Oth...	307
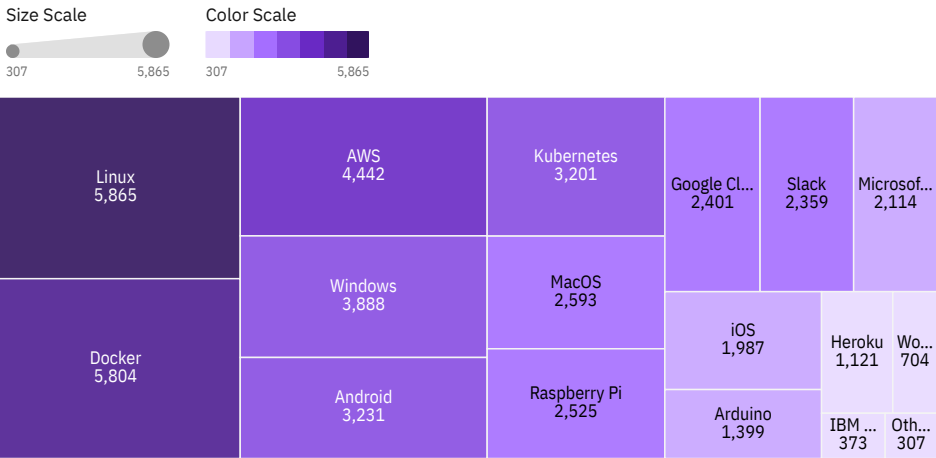
Top 10 Web Frames Would-Like-to-Learn Next Year

Size Scale: 970 — 4,714
Color Scale: 970 — 4,714

React.js, Vue.js, Angular..., ASP.N..., jQu..., Ex..., S..., D..., F...
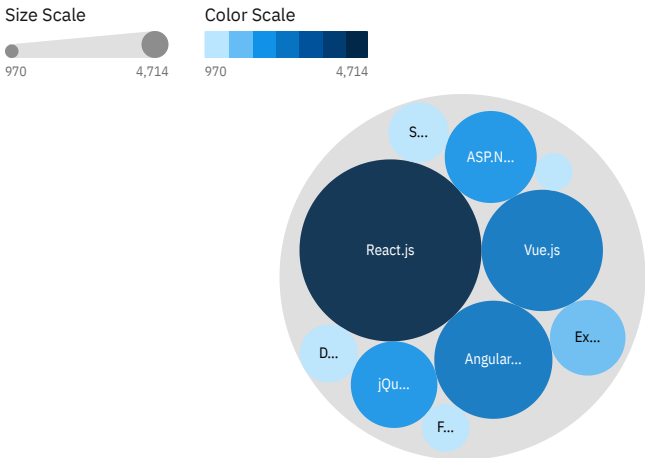
Demographics

Percentage of Respondents by Gender

Gender
● Woman ● Man

6.5%

93.5%
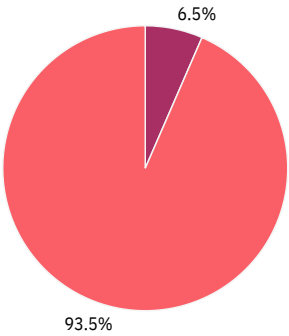
Number of Respondents by Country

Respondent

1   3,058

Norway   Russian Federation
Canada

United States   Spain   South Korea
                 Israel
Nicaragua Cape Verde Nepal
                 Somalia   Brunei Darussalam
                 South Africa

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Number of Respondents by Age

Number of Respondents (y-axis values shown): 800, 600, 400, 200, 0

Data points by age:
2, 6, 29, 108, 196, 403, 570, 666, 724, 706, 706, 774, 639, 521, 480, 389, 307, 388, 277, 278, 185, 136, 161, 94, 65, 64, 56, 32, 13, 10, 11, 2, 10, 5, 7, 2, 1, 1, 2, 1, 1

Age (x-axis): 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 72

Number of Respondents by Formal Education Level colored by Gender

Gender
● Man ● Woman

Formal Educational Level	Number of Respondents
Other doctoral degree (Ph.D, Ed.D., etc.)	
Master's degree (MA, MS, M.Eng., MBA, etc.)	2,484
Professional degree (JD, MD, etc.)	
Bachelor's degree (BA, BS, B.Eng., etc.)	5,341 / 412
Associate degree	
Some college/university study without earning a degree	1,280
Secondary school (e.g. American high school, German...)	482
Primary/elementary school	
I never completed any formal education	

Number of Respondents (x-axis): 0, 1,000, 2,000, 3,000, 4,000, 5,000, 6,000