Current Technology Usage

Top 10 languages used by Respondents

Legend: JavaScript, HTML/CSS, SQL, Bash/Shell/PowerShell, Python, Java, C#, TypeScript, PHP, C++

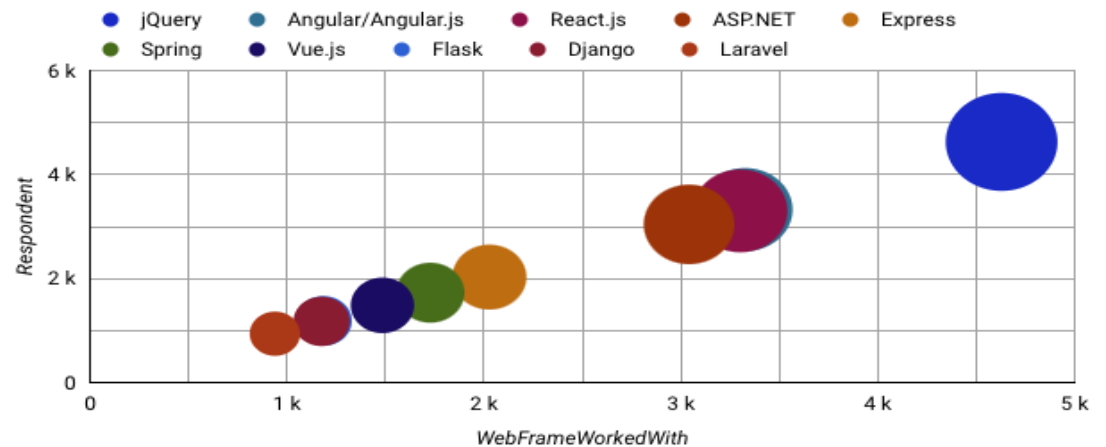| Language	Respondents
JavaScript	8 687
HTML/CSS	7 830
SQL	7 106
Bash/Shell/PowerShell	4 642
Python	4 542
Java	4 506
C#	4 288
TypeScript	3 232
PHP	2 913
C++	1 946
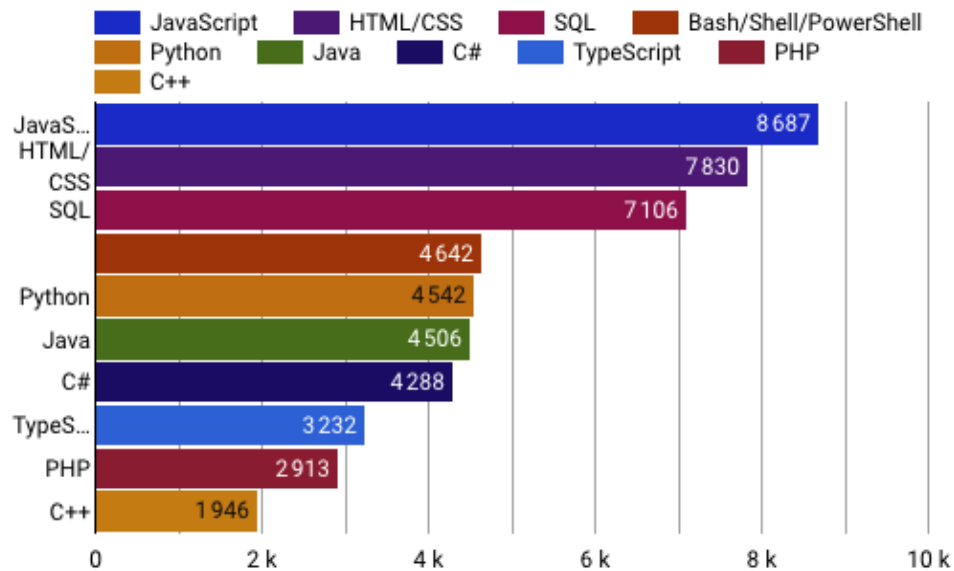
Top 10 Databases used by Respondents

Legend: MySQL, Microsoft SQL Server, PostgreSQL, SQLite, MongoDB, Redis, Elasticsearch, Oracle, MariaDB, Firebase

Database	Respondents
MySQL	5469
Microsoft SQL Server	4110
PostgreSQL	4097
SQLite	3248
MongoDB	3016
Redis	2508
Elasticsearch	1954
Oracle	1744
MariaDB	1709
Firebase	1314
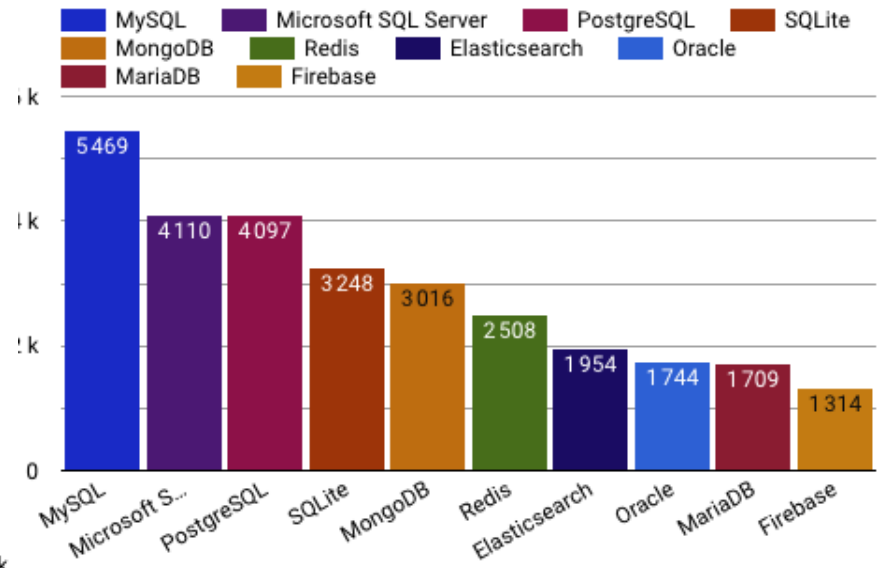
Platforms Used by respondents

Word cloud: Slack, AWS, Linux, Docker, Windows, Android, Kubernetes, Raspberly Pi, Other(s):, IBM Cloud or Watson, iOS, Google Cloud Platform, Arduino, WordPress, MacOS, Heroku, Microsoft Azure

Top 10 Web Frames used by Respondents

Legend: jQuery, Angular/Angular.js, React.js, ASP.NET, Express, Spring, Vue.js, Flask, Django, Laravel

Bubble chart — x-axis: WebFrameWorkedWith (0 to 5 k), y-axis: Respondent (0 to 6 k)

Future Technology Trend

Top 10 languages desired next year by Respondents

Legend: JavaScript, HTML/CSS, Python, SQL, TypeScript, C#, Bash/Shell/Powe…, Java, Go, Kotlin

Language	Value
JavaS…	6 630
HTML/CSS	5 328
Python	5 239
SQL	5 012
TypeS…	4 088
C#	3 591
(Bash/Shell/Power…)	3 097
Java	2 953
Go	2 759
Kotlin	1 890
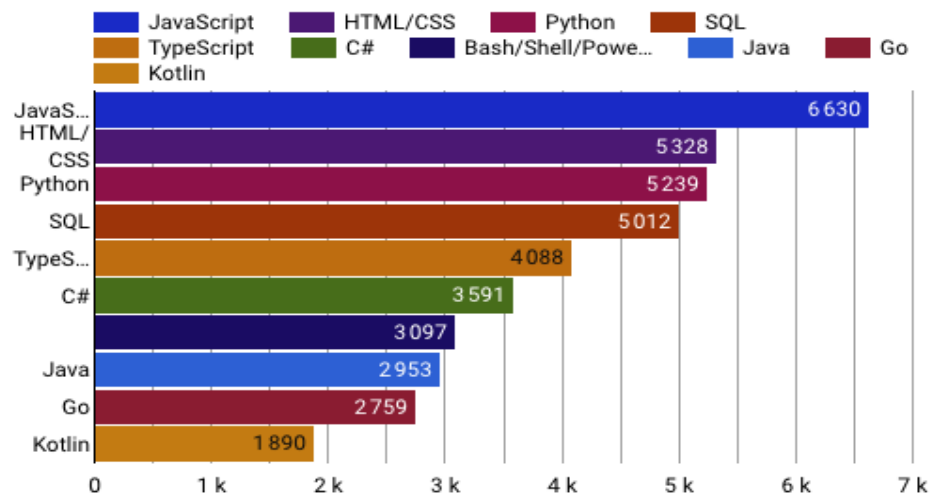
Top 10 Databases desired next year by Respondents

Legend: PostgreSQL, MongoDB, Redis, MySQL, Elasticsearch, Microsoft SQL Serv…, SQLite, Firebase, MariaDB, DynamoDB

Elasticsearch
Elasticsearch: **2 856**

Database	Value
PostgreSQL	4 328
MongoDB	3 649
Redis	3 331
MySQL	3 281
Elasticsearch	2 856
Microsoft S…	2 706
SQLite	2 437
Firebase	1 650
MariaDB	1 385
DynamoDB	1 044
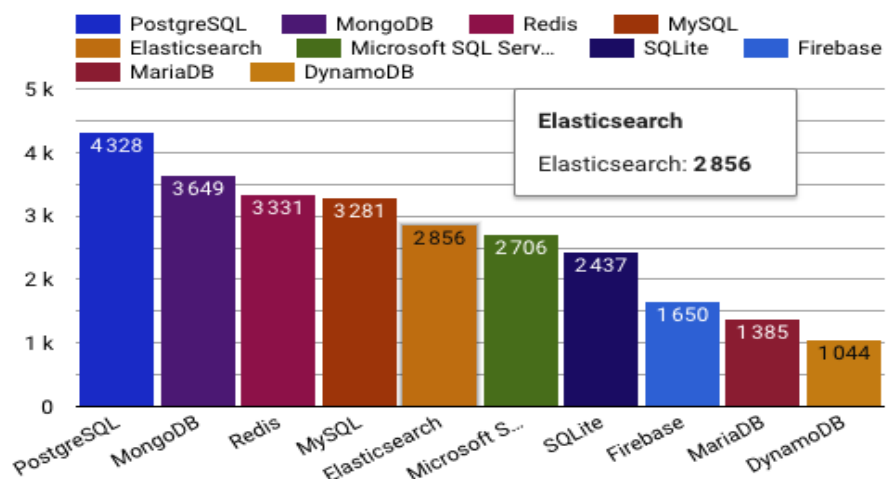
Platforms desired next year by Respondents

Linux, Docker, AWS, Windows, Android, Kubernet…, Google Cloud…, Slack, iOS, Heroku, MacOS, Raspberry Pi, Microsoft Azure, Arduino, WordPr…, IB… Ot…
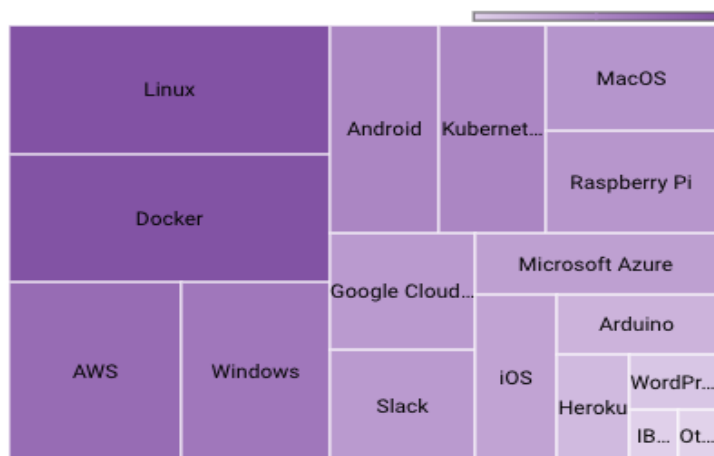
Top 10 Web Frames desired by Respondents

Legend: React.js, Vue.js, Angular/Angular.js, ASP.NET, jQuery, Express, Spring, Django, Flask, Ruby on Rails

Axes: Respondent (y-axis, 0 to 6 k), WebFrameDesireNextYear (x-axis, 0 to 5 k)
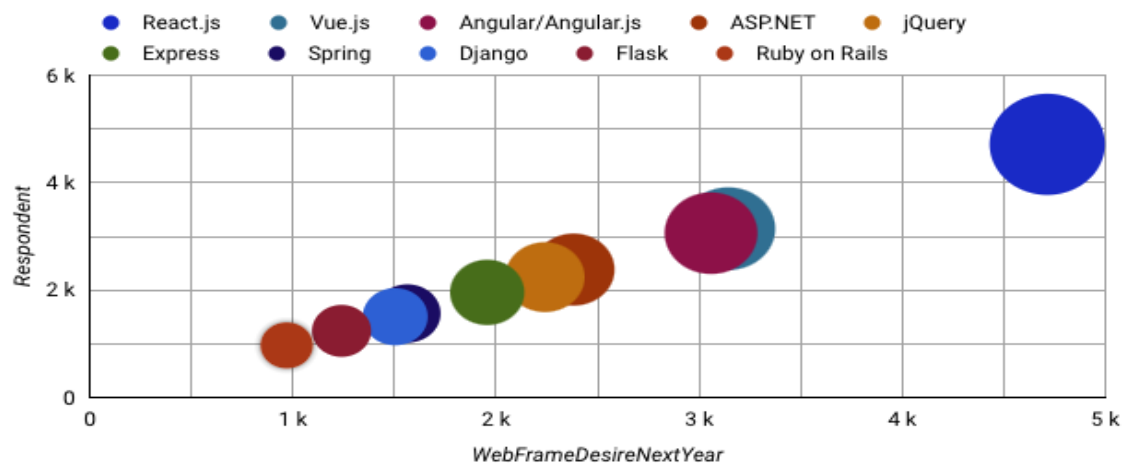
Demographics

Respondents classified by Gender

6,5%

92,5%

- Man
- Woman
- Non-binary, genderqueer, or gender non-conforming
- Man;Non-binary, genderqueer, or gender non-conforming
- Woman;Non-binary, genderqueer, or gender non-conforming
- Woman;Man
- Woman;Man;Non-binary, genderqueer, or gender non-conf...
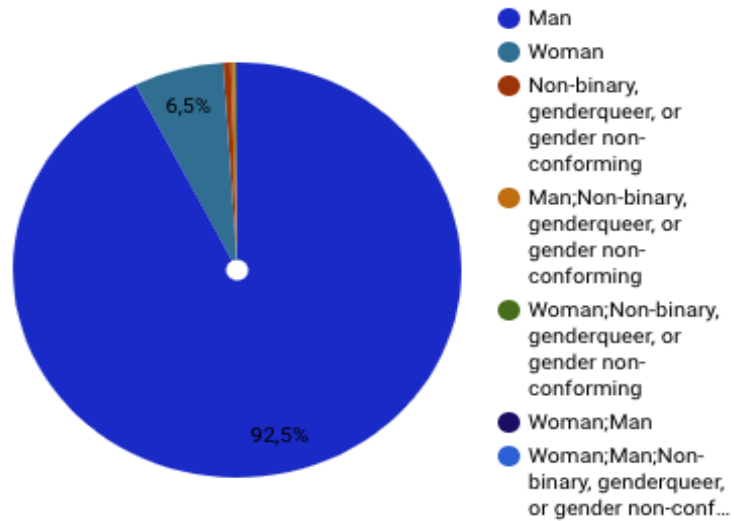
Respondents per Country

1   3 127
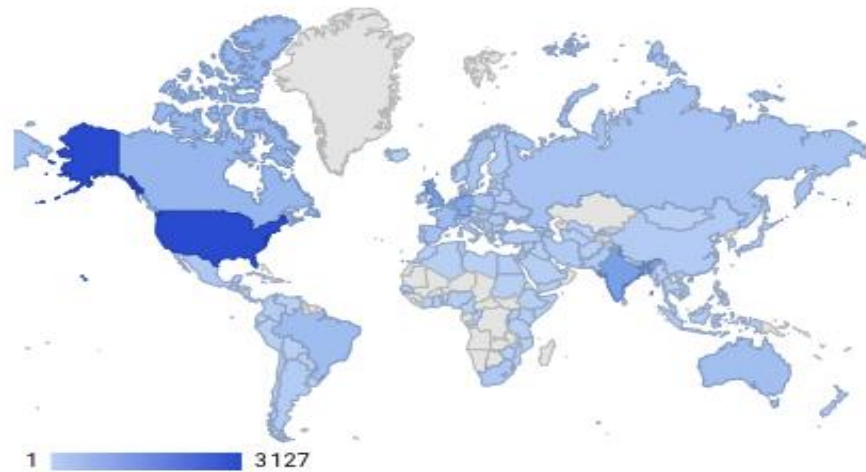
Number of Respondents by Age

— Respondent
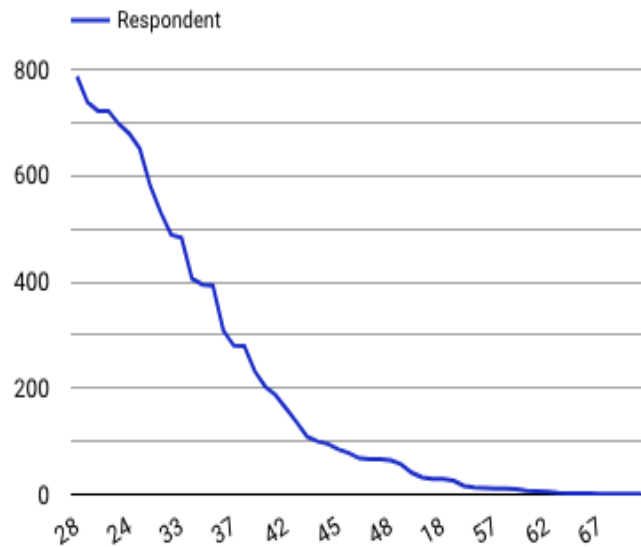
Education level for Man and Woman

- Bachelor's degree...
- Master's degree (...
- Some college/uni...
- Secondary school (...
- Associate degree
- Other doctoral degr...
- Professional d...
- I never complet...
- Primary/eleme...

Man: 5,3 k   2,5 k   1,3 k

Woman: 4 35

Respondent