Current Technology Usage

Top 10 Programming Languages

JavaScript — 108,371,442
HTML/CSS — 97,521,608
SQL — 88,712,115
Bash/Shell/PowerShell — 57,976,092
Python — 56,108,957
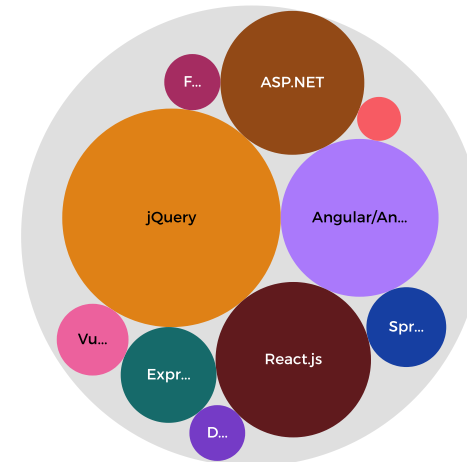Java — 55,836,723
C# — 53,376,993
TypeScript — 40,230,558
PHP — 36,438,296
C++ — 24,456,246

Top 10 Databases

MySQL — 68,301,583
PostgreSQL — 51,129,157
Microsoft SQL Server — 51,056,094
SQLite — 40,137,629
MongoDB — 37,462,758
Redis — 31,557,370
Elasticsearch — 24,154,705
MariaDB — 21,299,862
Oracle — 21,247,003
Firebase — 16,227,799
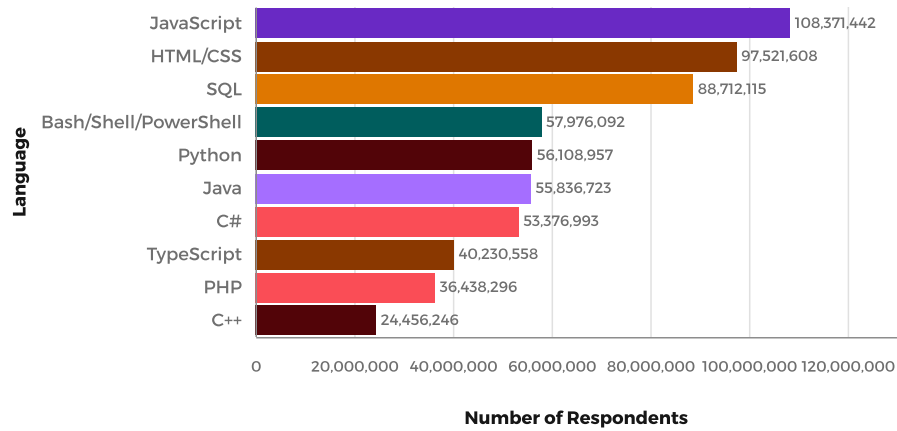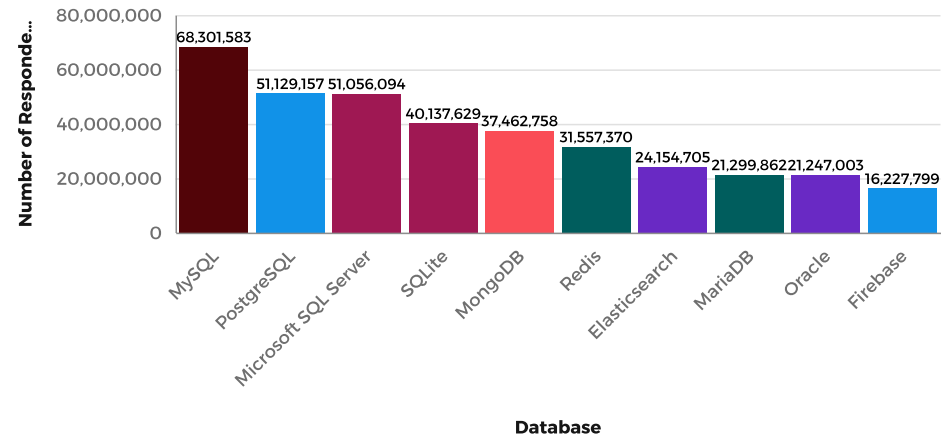
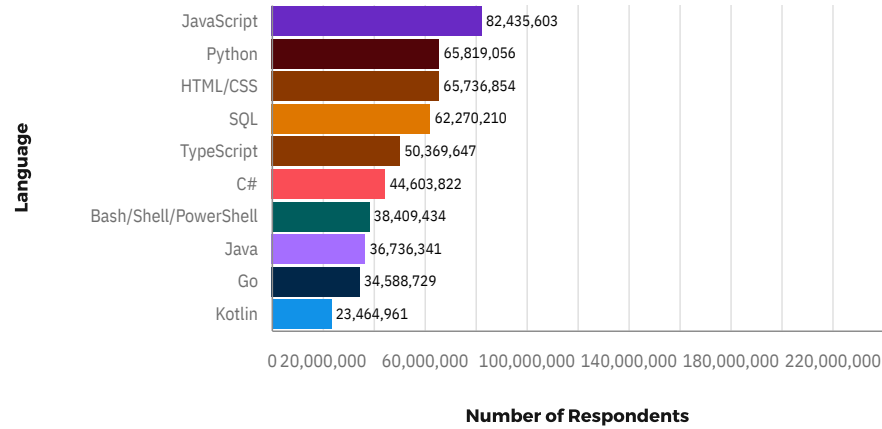## Developer Platform Usage Distribution

Top 10 Web Frameworks

Future Technology Trend

Top 10 Desired Language to Learn

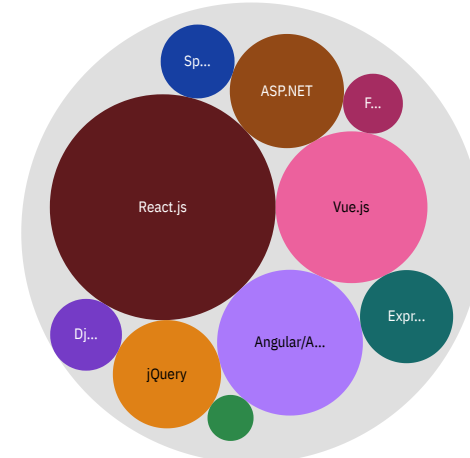| Language	Number of Respondents
JavaScript	82,435,603
Python	65,819,056
HTML/CSS	65,736,854
SQL	62,270,210
TypeScript	50,369,647
C#	44,603,822
Bash/Shell/PowerShell	38,409,434
Java	36,736,341
Go	34,588,729
Kotlin	23,464,961

Top 10 Desired Database to Learn

Database	Number of Respondents
MySQL	68,301,583
PostgreSQL	51,129,157
Microsoft SQL Server	51,056,094
SQLite	40,137,629
MongoDB	37,462,758
Redis	31,557,370
Elasticsearch	24,154,705
MariaDB	21,299,862
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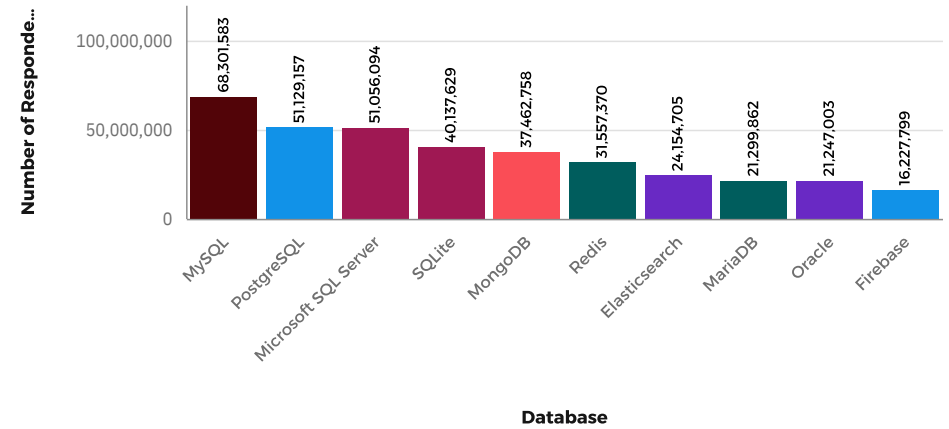
Platform Desire Next Year

Linux 73,486,491
Docker 71,767,679
AWS 55,300,187
Windows 48,468,992
Android 39,899,016
Kubernetes 39,566,097
MacOS 31,950,519
Raspberr... 31,894,133
Google C... 29,492,7...
Slack 29,377,988
iOS 24,755,853
Heroku 13,970,928
Microsoft Azure 25,823,513
Arduino 17,623,734
Word... 8,704...
I... 4,...
Other(s):
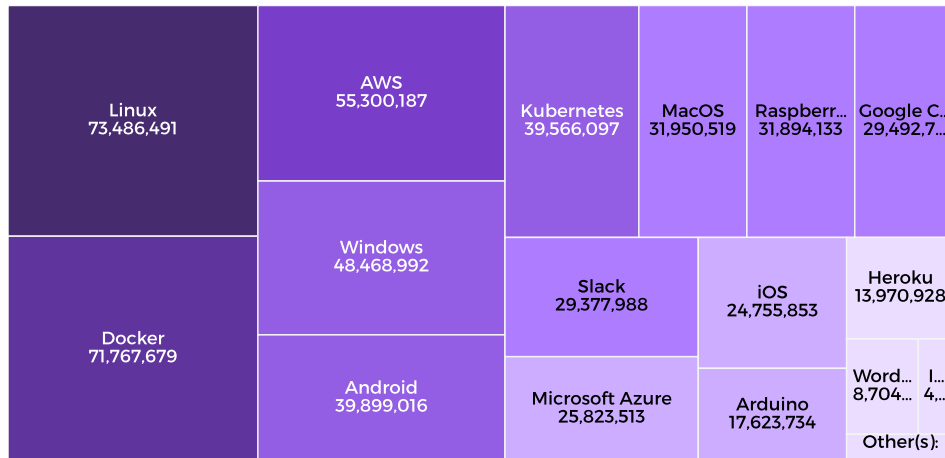
Web Framework Desire Next Year

Sp...
ASP.NET
F...
React.js
Vue.js
Dj...
jQuery
Angular/A...
Expr...

Demographics

Respondents by Gender

Woman | 6.5%

Man | 93.5%
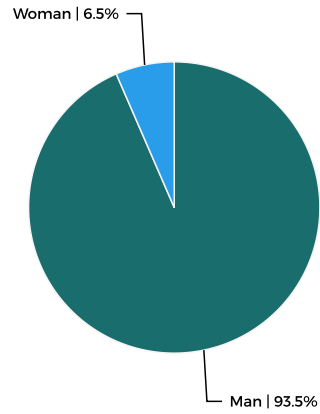
Respondent Locations

© Mapbox © OpenStreetMap
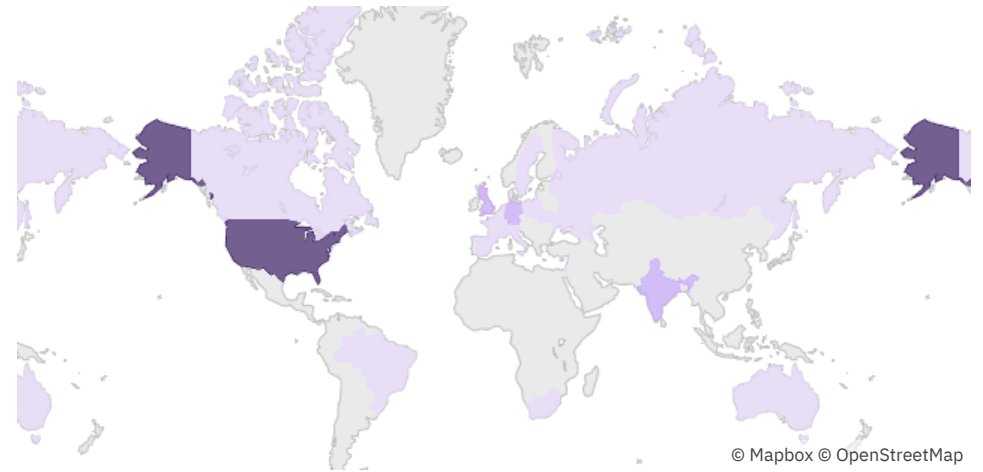
Respondent by Age
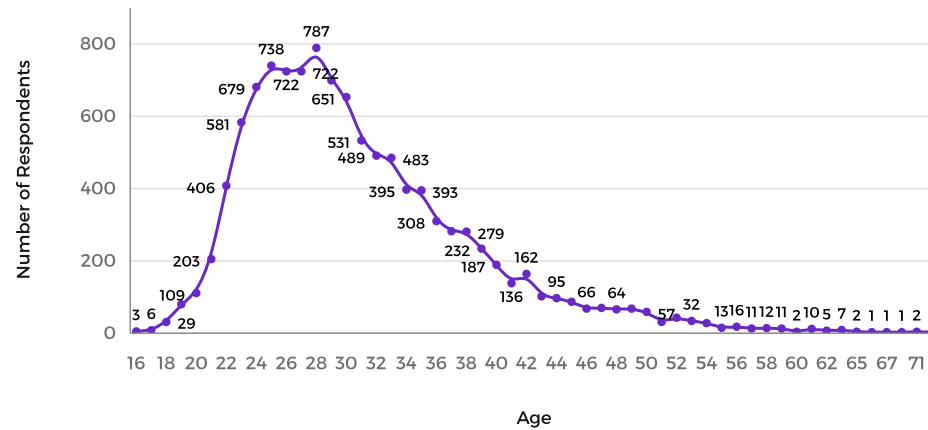
Formal Education Level by Gender

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...