Current Technology Usage

Top 10 Languages Worked with by Respondent
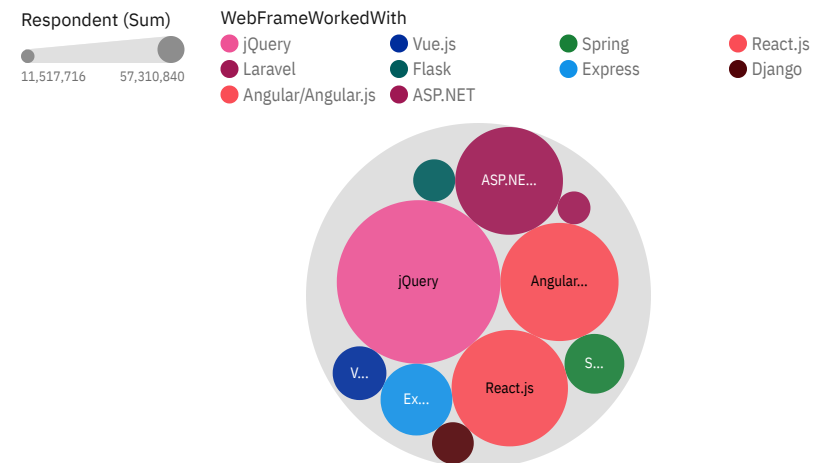
Language Worked With	Respondent
C++	24,456,246
PHP	36,438,296
TypeScript	40,230,558
C#	53,376,993
Java	55,836,723
Python	56,108,957
Bash/Shell/PowerShell	57,976,092
SQL	88,712,115
HTML/CSS	97,521,608
JavaScript	108,371,442
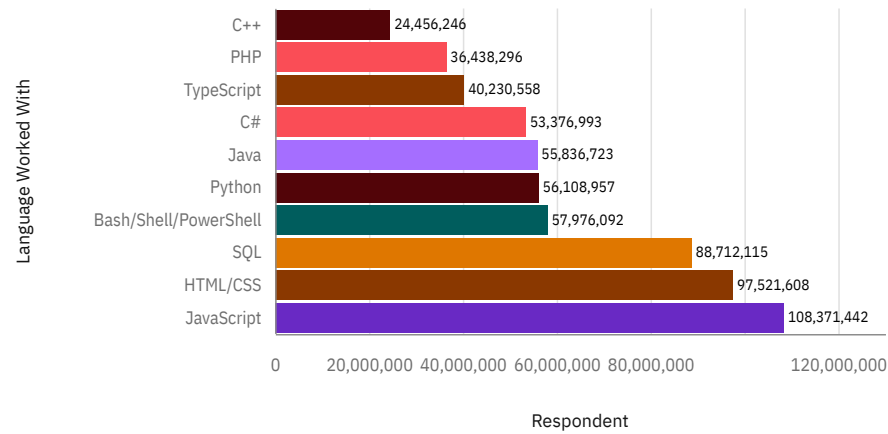
Top 10 Databases Worked with by Respondent

Respondent (Sum) by DatabaseWorkedWith:

Database	Respondent (Sum)
SQLite	40,137,629
Redis	31,557,370
PostgreSQL	51,129,157
Oracle	21,247,003
MySQL	68,301,583
MongoDB	37,462,758
Microsoft SQL ...	51,056,094
MariaDB	21,299,862
Firebase	16,227,799
Elasti...	24,154,705
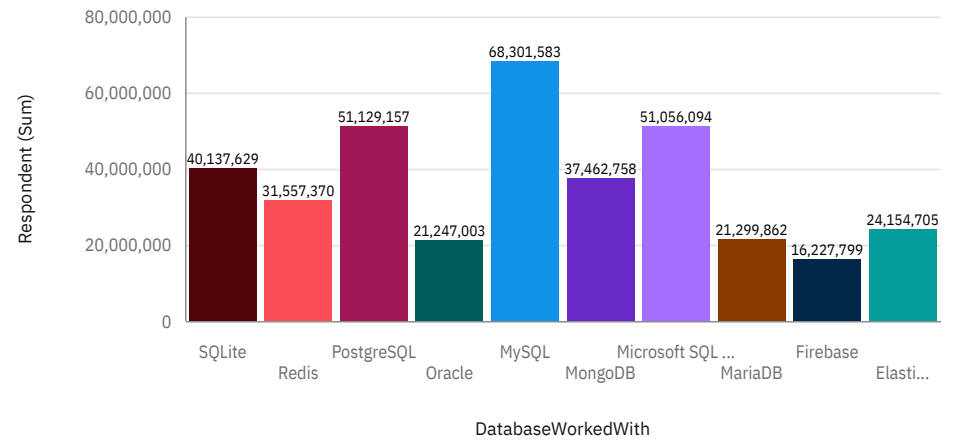
Top 10 Platforms Worked with by Respondent

Word cloud: Windows, AWS, Linux, Docker, MacOS, Microsoft Azure, WordPress, Raspberry Pi, Android, Slack

Top 10 Web Frame Worked with by Respondent

Respondent (Sum): 11,517,716 — 57,310,840

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

Future Technology Trend

Top 10 Languages Desired Next Year by Respondent

Language Desire Next Year

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

0   10,000,000   30,000,000   50,000,000   70,000,000   90,000,000
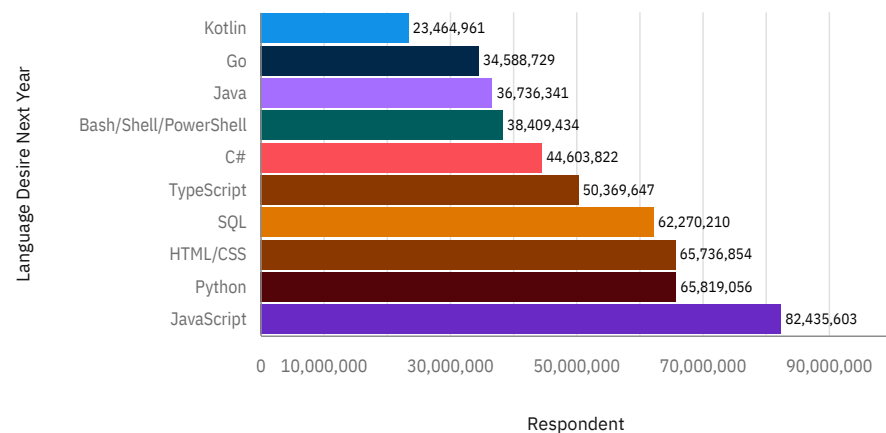
Respondent

Top 10 Databases Desired Next Year by Respondent

Respondent

60,000,000

53,804,386 (PostgreSQL)
45,897,489 (MongoDB)
41,370,718 (Redis)   41,353,217 (MySQL)
35,314,757 (Elasticsearch)
33,649,369 (Microsoft SQL Ser...)
30,320,901 (SQLite)
20,585,232 (Firebase)
17,280,016 (MariaDB)
12,995,539 (Dyna...)

Database Desire Next Year
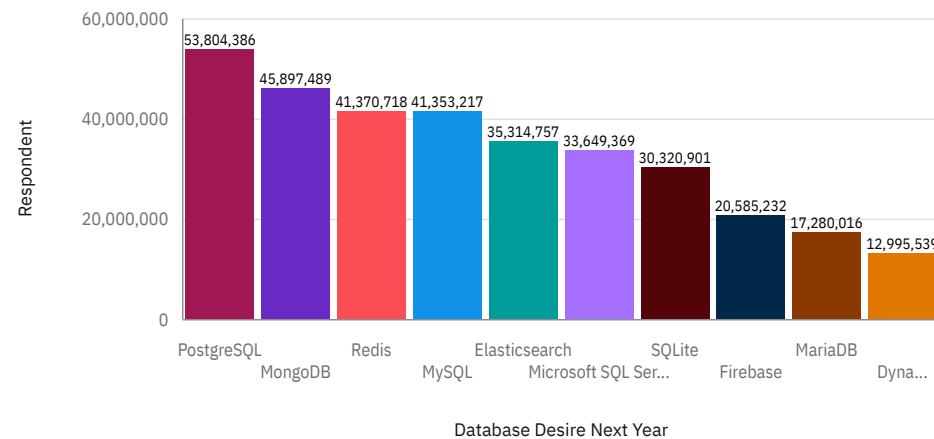
Top 10 Platforms Desired Next Year by Respondent

Respondent (Sum)
29,377,988   73,486,491

PlatformDesireNe...
2,359   5,865

Linux | AWS | Android | Raspberry... | Google Cl...
Docker | Windows | Kubernetes
 | | MacOS | Slack
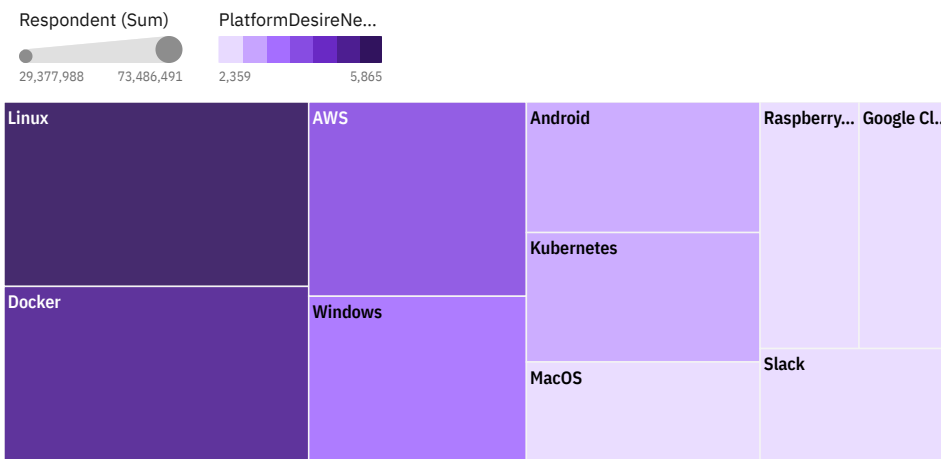
Top 10 Web Frame Desired Next Year by Respondent

Respondent (Sum)
11,886,651   58,321,909

WebFrameDesireNextYear

● jQuery   ● Vue.js   ● Spring   ● Ruby on Rails
● React.js   ● Flask   ● Express   ● Django
● Angular/Angular.js   ● ASP.NET
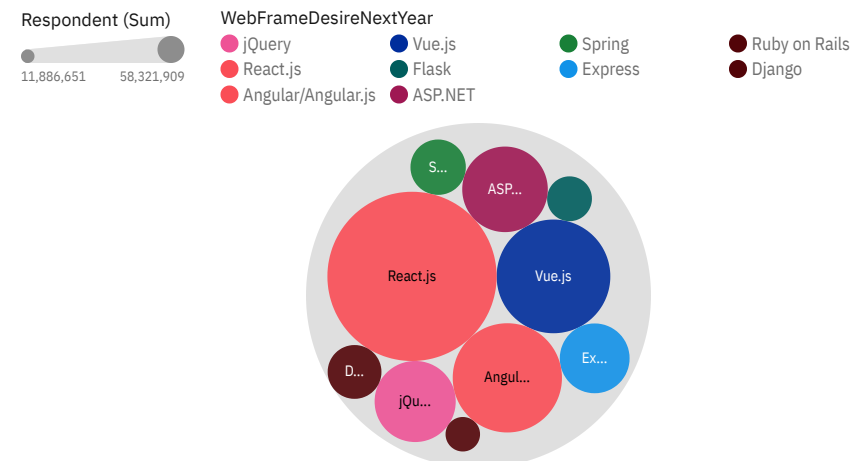
Demographics

Respondent by Gender

Gender
- ● Woman　● Man

93.5%
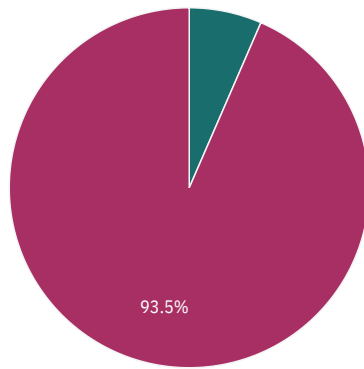
Respondent Count for Countries

© Mapbox © OpenStreetMap
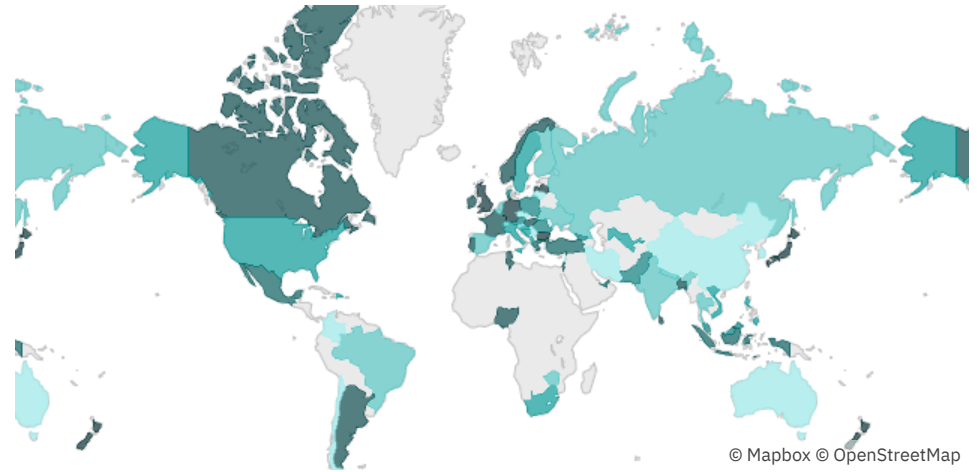
Age of Respondents
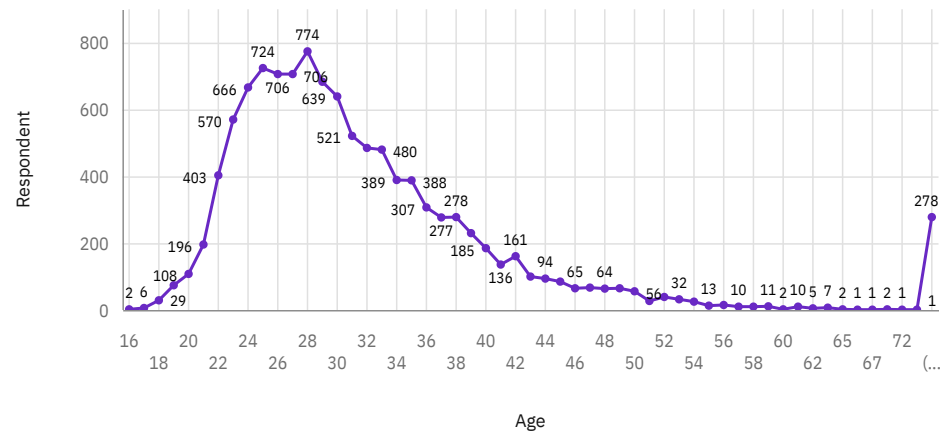
Education Level of Respondents based on Gender

Gender
- ● Man　● Woman

Education Level	Respondent
(no value)	
Associate degree	
Bachelor's degree (BA, BS, B.Eng., etc.)	5,341　412
I never completed any formal education	
Master's degree (MA, MS, M.Eng., MBA, etc.)	2,484
Other doctoral degree (Ph.D, Ed.D., etc.)	
Primary/elementary school	
Professional degree (JD, MD, etc.)	
Secondary school (e.g. American high school, German...	482
Some college/university study without earning a degree	1,280