Current Technology Usage

Top 10 Programming Languages used

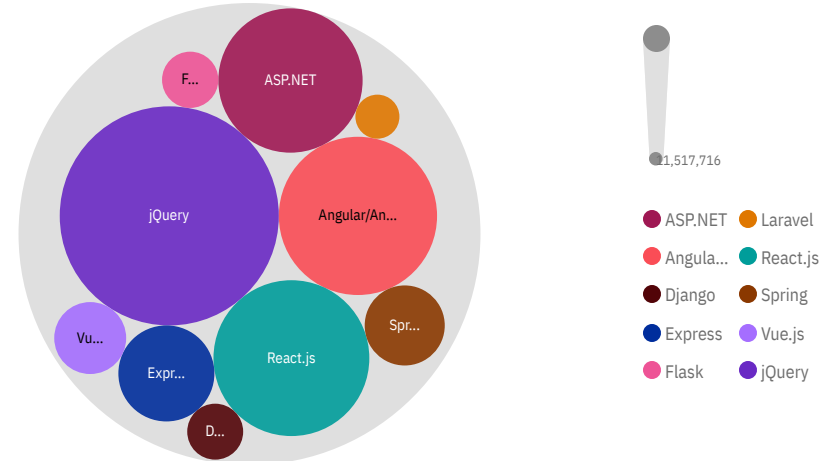| Language	Number of Respondents
JavaScript	8,687
HTML/CSS	7,830
SQL	7,106
Bash/Shell/PowerShell	4,642
Python	4,542
Java	4,506
C#	4,288
TypeScript	3,232
PHP	2,913
C++	1,946

Number of Respondents
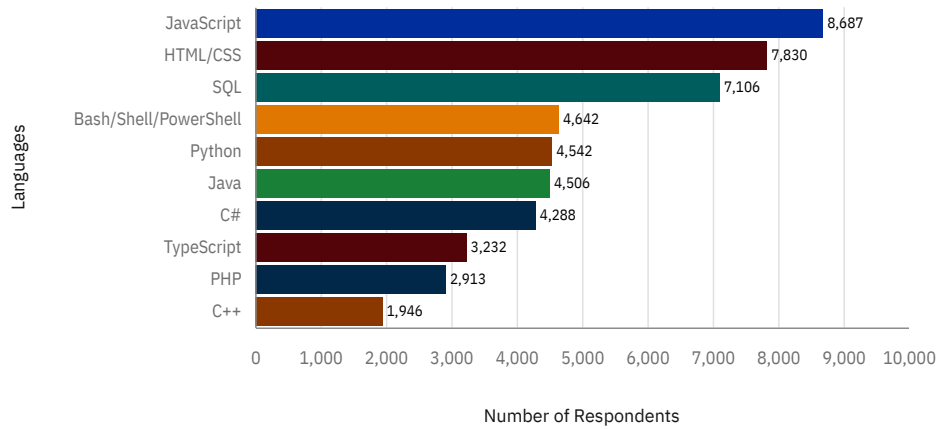
Top 10 Databases Worked with

Databases: MySQL, PostgreSQL, Microsoft SQL..., SQLite, MongoDB, Redis, Elasticsearch, MariaDB, Oracle, Firebase, Dy...

Platform Worked with

AWS, Linux, iOS, Arduino, Android, Kubernetes, Windows, Docker, IBM Cloud or Watson, Google Cloud Platform, Slack, Microsoft Azure, MacOS, Raspberry Pi, Heroku, WordPress, Other(s):
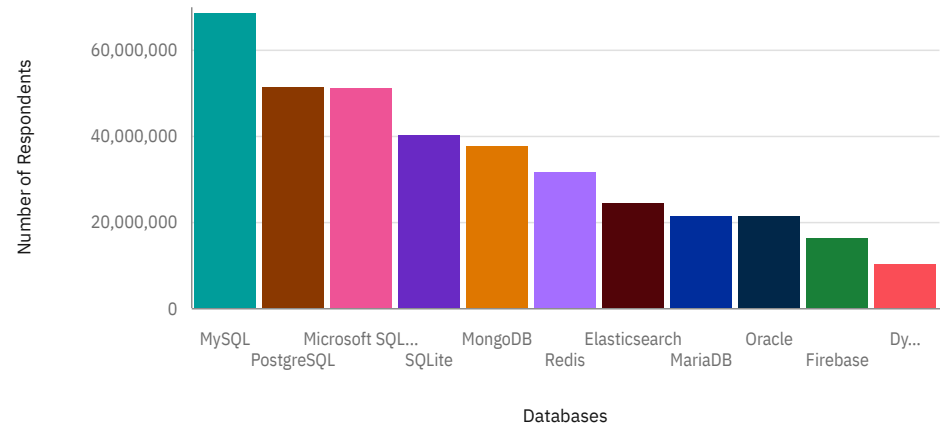
Top 10 Web Frameworks used

21,517,716

● ASP.NET	● Laravel
● Angula...	● React.js
● Django	● Spring
● Express	● Vue.js
● Flask	● jQuery

Future Technology Trend

Top 10 Language Desired Next Year

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

Number of Respondents (x axis: 0 – 90,000,000)
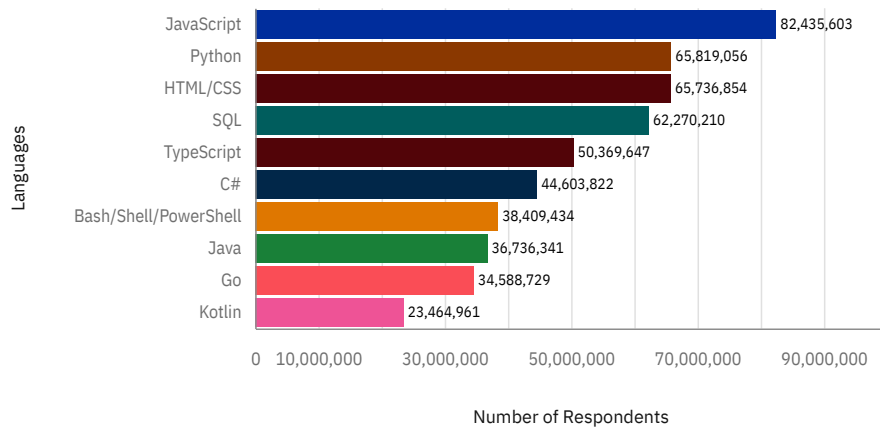
Top 10 Databases Desired Next Year

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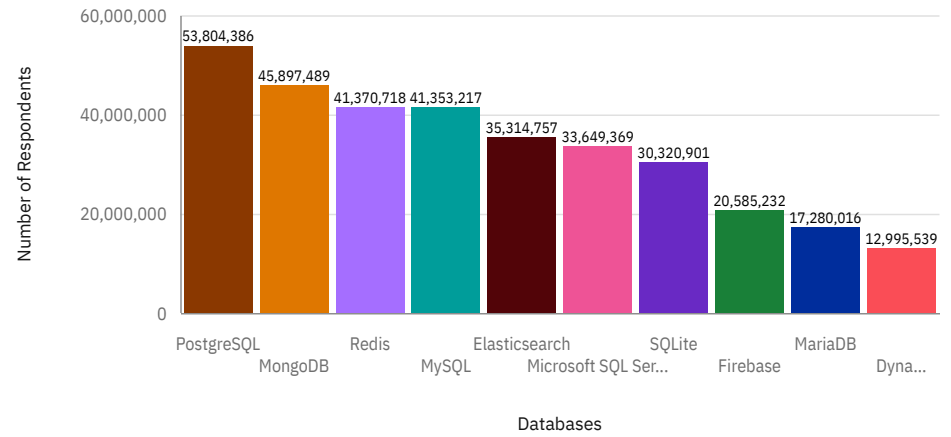
Platform Desired Next Year

Respondent (Sum): 3,752,980 — 73,486,491
PlatformDesireNe...: 307 — 5,865

Linux, Docker, AWS, Windows, Android, Kubernetes, MacOS, Raspberry Pi, Google Cl..., iOS, Arduino, Slack, Heroku, IBM ..., Microsof..., Wo..., Oth...
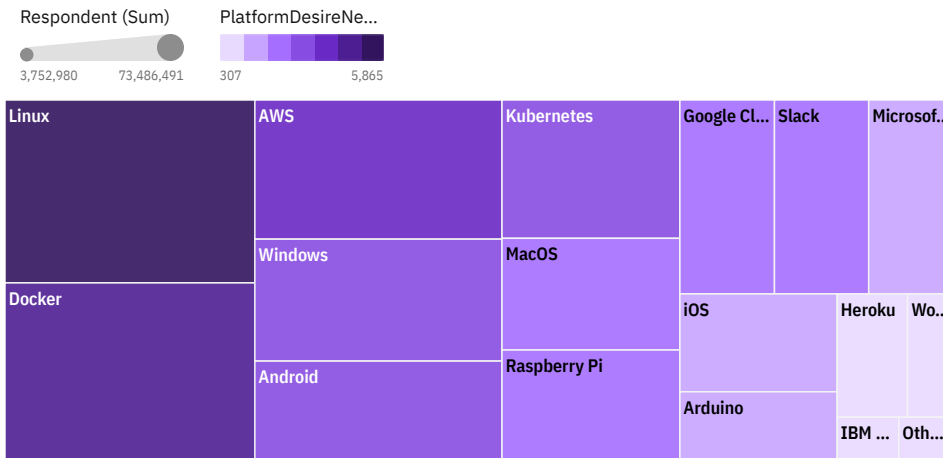
Top 10 Web Frame Desired Next Year

Respondent (Sum): 1,886,651

WebFrameDesireNextY...
- ASP.NET
- Angular/Angular.js
- Django
- Express
- Flask
- React.js
- Ruby on Rails

(Bubbles: Sp..., ASP.NET, F..., React.js, Vue.js, Dj..., jQuery, Angular/A..., Expr...)
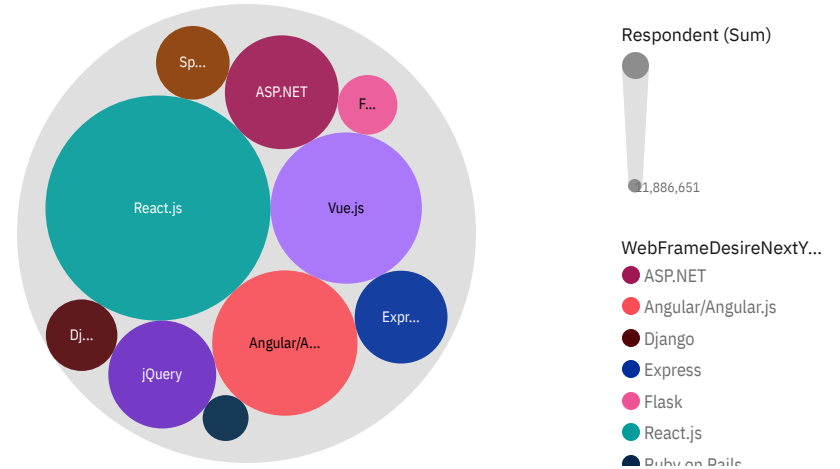
Demographics

Respondent by Gender

Gender
- Woman
- Man

6.5%

93.5%
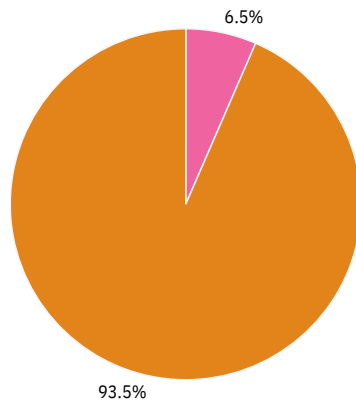
Respondent by Country

© Mapbox © OpenStreetMap
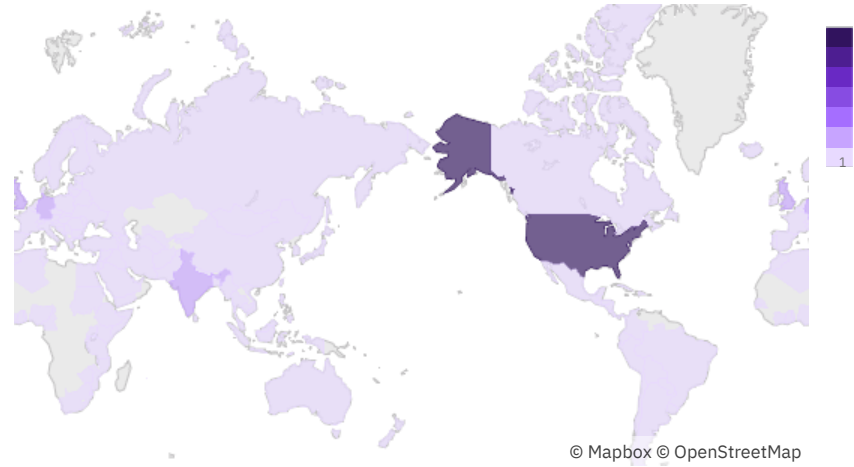
Respondent by Age
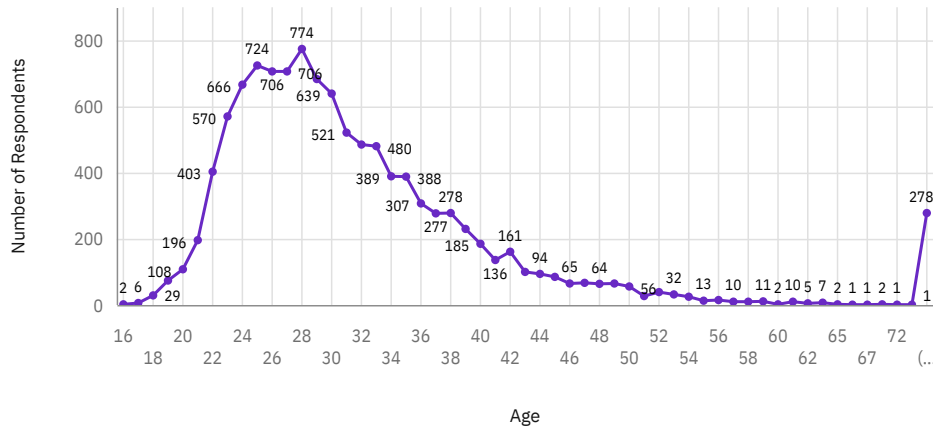
Education Level by Gender for Respondents

EdLevel
- (no value)
- Associate degree
- Bachelor's degree ...
- I never completed ...
- Master's degree (M...
- Other doctoral deg...
- Primary/elementar...
- Professional degre...
- Secondary school (...
- Some college/univ...