Current Technology Usage
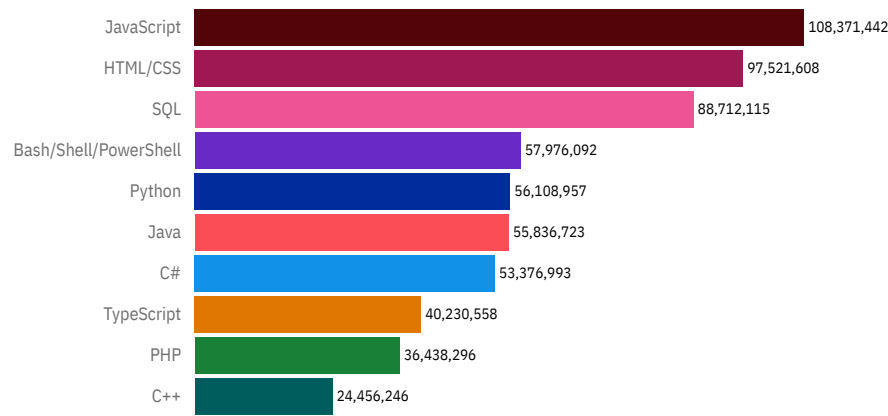
Top 10 languages developers worked with

Language	Count
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 most popular databases developers work with

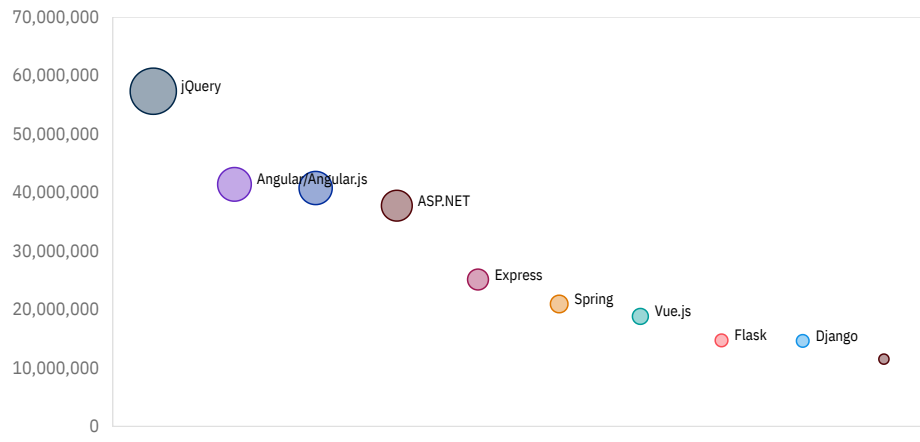| Database	Count
MySQL	68,301,583
PostgreSQL	51,129,157
Microsoft SQL Server	51,056,094
SQLite	40,137,629
MongoDB	37,462,758
Redis	31,557,370
Elasticsearch	24,154,705
MariaDB	21,299,862
Oracle	21,247,003
Firebase	16,227,799
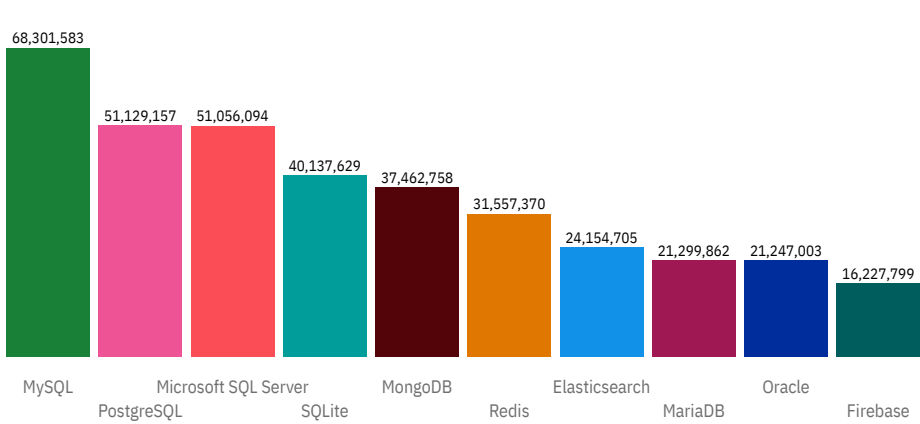
Popular platforms worked with

Word cloud: Windows, Linux, AWS, Microsoft Azure, Google Cloud Platform, Docker, MacOS, Android, Kubernetes, Raspberry Pi, iOS, Heroku, WordPress, Slack, Arduino, IBM Cloud or Watson
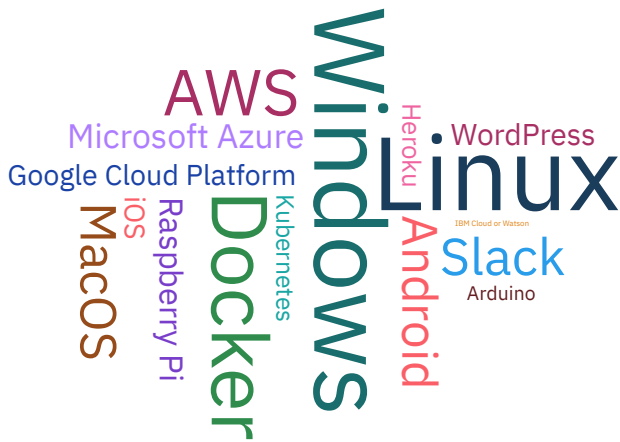
Popular Webframes this year

Bubble chart: jQuery (~57,000,000), Angular/Angular.js (~41,000,000), ASP.NET (~38,000,000), Express (~25,000,000), Spring (~20,000,000), Vue.js (~19,000,000), Flask (~15,000,000), Django (~15,000,000)

Future Technology Trend

Top 10 languages developers desire to use next year

Language	Value
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
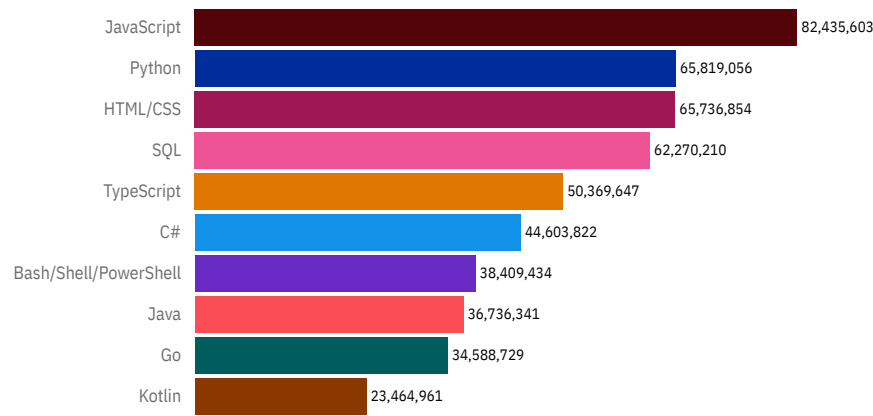
Top 10 databases developers desired to work with next year

Database	Value
PostgreSQL	53,804,386
MongoDB	45,897,489
Redis	41,370,718
MySQL	41,353,217
Elasticsearch	35,314,757
Microsoft SQL Server	33,649,369
SQLite	30,320,901
Firebase	20,585,232
MariaDB	17,280,016
DynamoDB	12,995,539
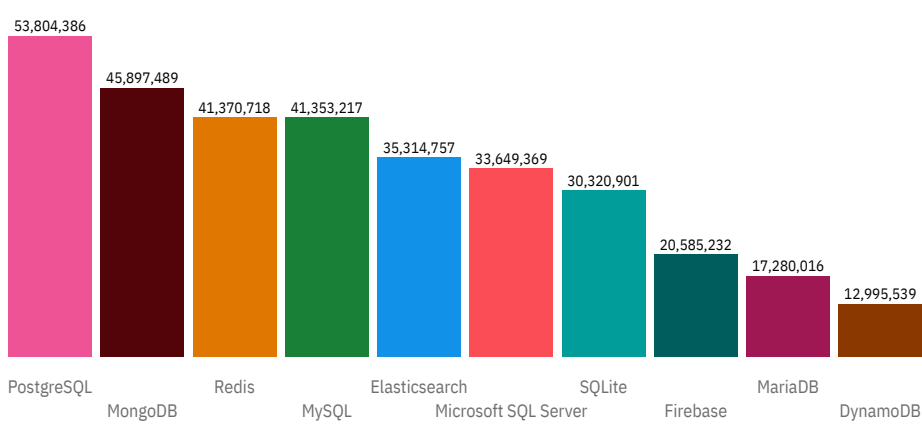
Platform developers desire to work with next year

Linux, Docker, AWS, Windows, Android, Kubernetes, Slack, Microsoft Azure, MacOS, iOS, Arduino, Raspberry Pi, Google Cl..., Heroku, Word..., I...
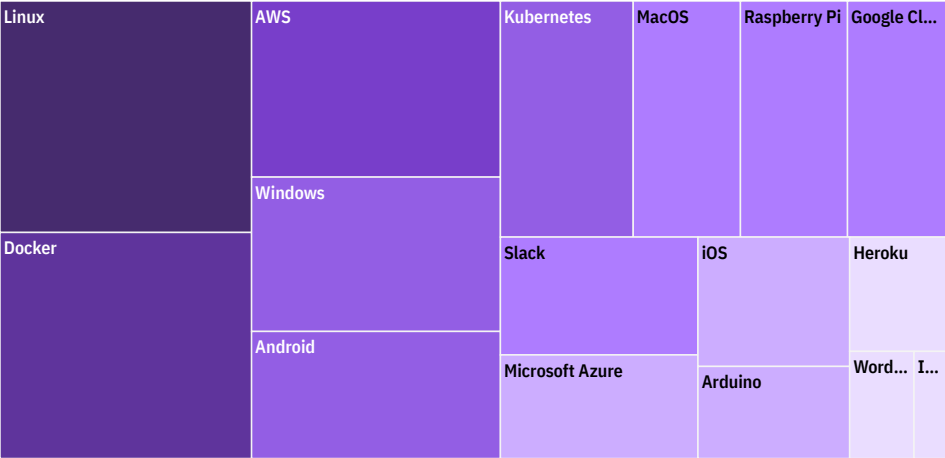
Webframe type developers desired to work with next year

React.js, Vue.js, Angular/Angular.js, ASP.NET, jQuery, Express, Spring, Django, Flask
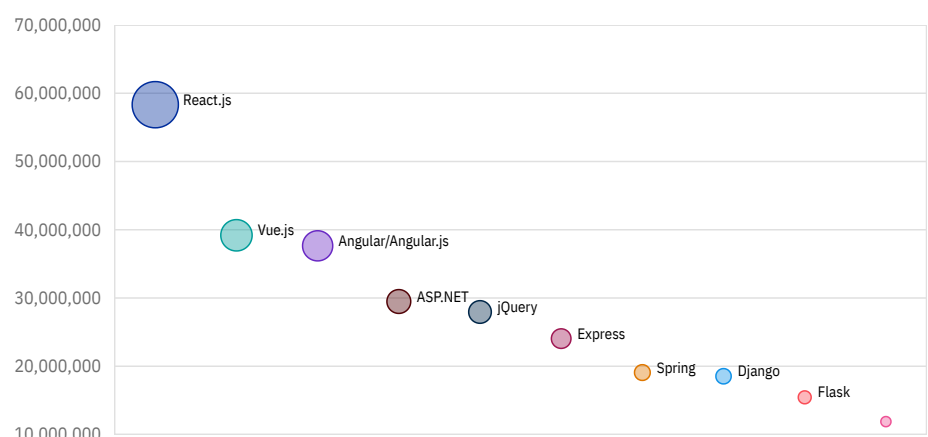
Demographics

Respondent by Gender

Gender (Group)
- Woman;Man;Non-binary, genderq…
- Man;Non-binary, genderqueer, or …
- Man
- Woman;Man
- Non-binary, genderqueer, or gend…
- Woman;Non-binary, genderqueer,…
- Woman

63 731

10,480
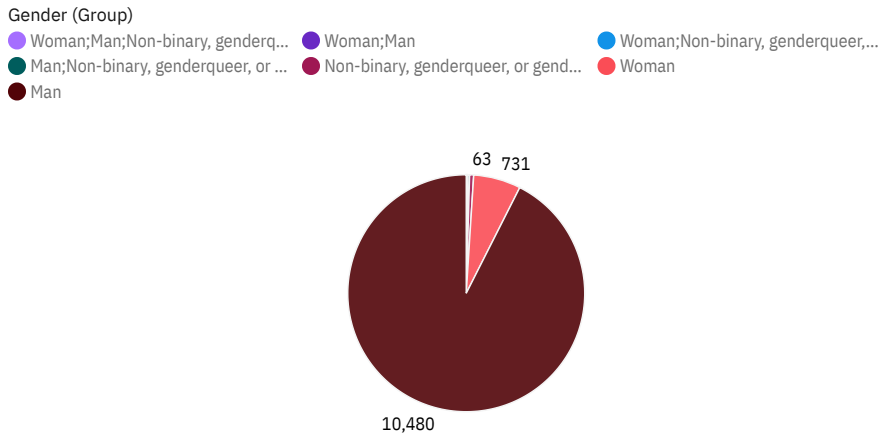
Respondent count by countries

© Mapbox © OpenStreetMap

Respondent Count by Age

5,337

2,094   2,557

842

225   49   6   1
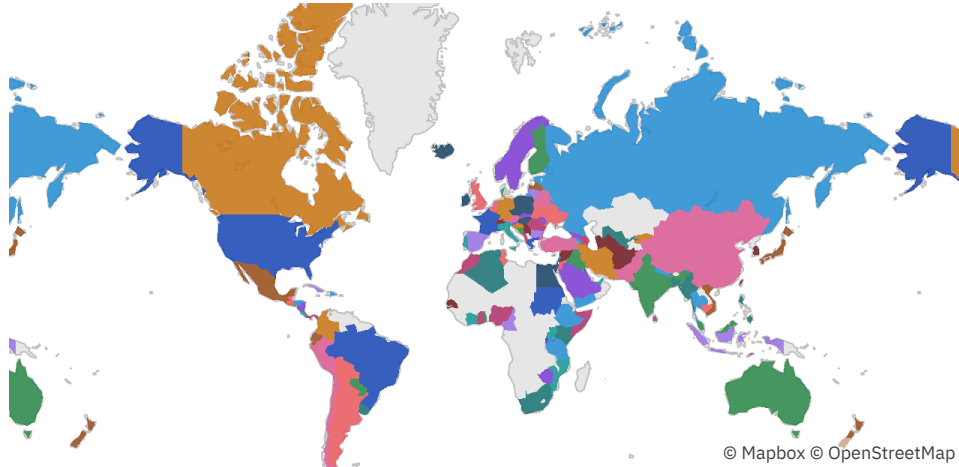
less than 25 | 25 to < 33 | 33 to < 41 | 41 to < 50 | 50 to < 58 | 58 to < 66 | 66 to < 75 | 91 and above
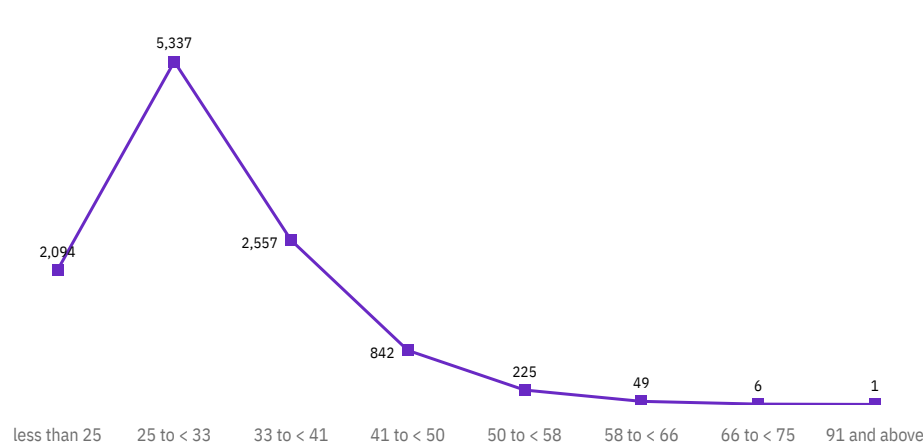
Respondent Count by Gender, classified by Formal Education Level

- Associate degree
- Master's degree (MA, MS, M.Eng.,…
- Professional degree (JD, MD, etc.)
- Bachelor's degree (BA, BS, B.Eng.…
- Other doctoral degree (Ph.D, Ed.D…
- Secondary school (e.g. American …
- I never completed any formal edu…
- Primary/elementary school
- Some college/university study wit…

Man
Man;Non-binary, genderqueer, or gender non-conforming
Non-binary, genderqueer, or gender non-conforming
Woman
Woman;Man
Woman;Man;Non-binary, genderqueer, or gender non-co…
Woman;Non-binary, genderqueer, or gender non-conform…

0   2,000   4,000   6,000   8,000   10,000