Current Technology Usage

Top 10 Languages Respondents worked   1

Number of Respondents (x-axis), Languages (y-axis)

- 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 Respondents have worked   2

Number of Respondents (y-axis), Name of Databases (x-axis)

- MySQL: 5,469
- Microsoft SQL Ser...: 4,110
- PostgreSQL: 4,097
- SQLite: 3,248
- MongoDB: 3,016
- Redis: 2,508
- Elasticsearch: 1,954
- Oracle: 1,744
- MariaDB: 1,709
- Firebase: 1,314
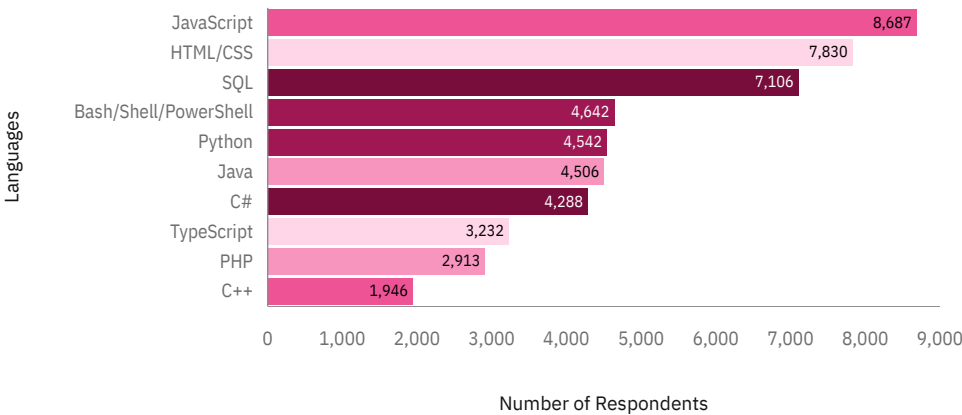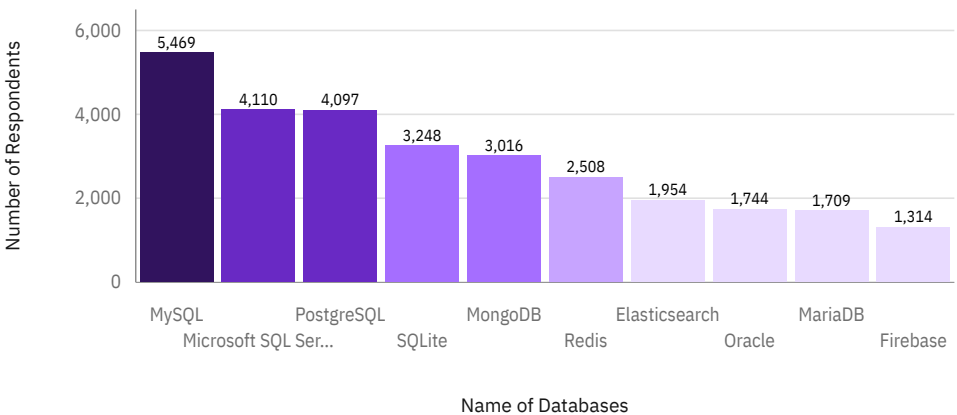
Platforms Respondents Worked With   3

Windows, Linux, Slack, Docker, AWS, Android, MacOS, Raspberry Pi, Google Cloud Platform, Microsoft Azure, Arduino, WordPress, Heroku, Kubernetes, iOS, IBM Cloud or Watson

Top 10 Web Frames Respondents have worked   4

jQuery, ASP.NET, Angular/A..., React.js, Spr..., Expr..., V..., F..., D...

Future Technology Trend
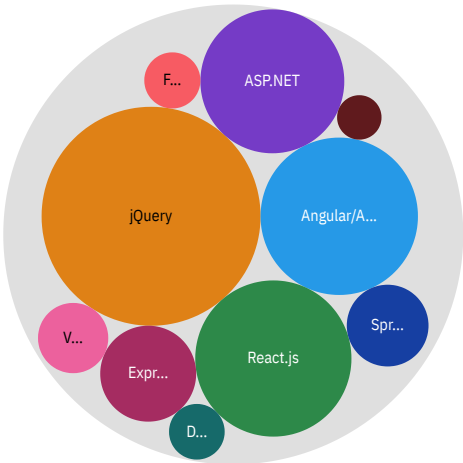
Top 10 Languages desired next year   5

Languages Desired Next Year / Number of Respondents

Language	Respondents
JavaScript	6,630
HTML/CSS	5,328
Python	5,239
SQL	5,012
TypeScript	4,088
C#	3,591
Bash/Shell/PowerShell	3,097
Java	2,953
Go	2,759
Kotlin	1,890
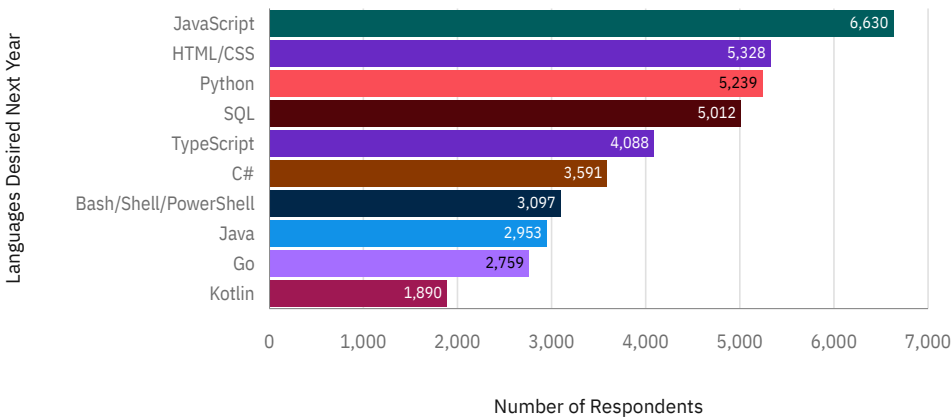
Top 10 Databases Desired for Next Year   6

Number of Respondents / Databases

Database	Respondents
PostgreSQL	4,328
MongoDB	3,649
Redis	3,331
MySQL	3,281
Elasticsearch	2,856
Microsoft SQL Server	2,706
SQLite	2,437
Firebase	1,650
MariaDB	1,385
Dynam...	1,044
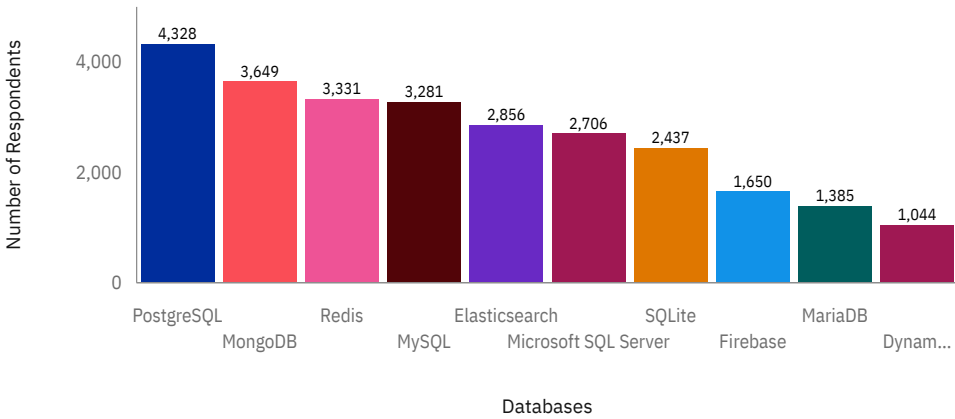
Platforms Desired for Next Year   7

Platform	Value
Linux	5,865
Docker	5,804
AWS	4,442
Windows	3,888
Android	3,231
Kubernetes	3,201
MacOS	2,593
Raspberry Pi	2,525
Google Cloud Platform	2,401
Slack	2,359
iOS	1,987
Heroku	1,121
Microsoft ...	2,114
Arduino	1,399
WordPress	704
IBM Cloud ...	
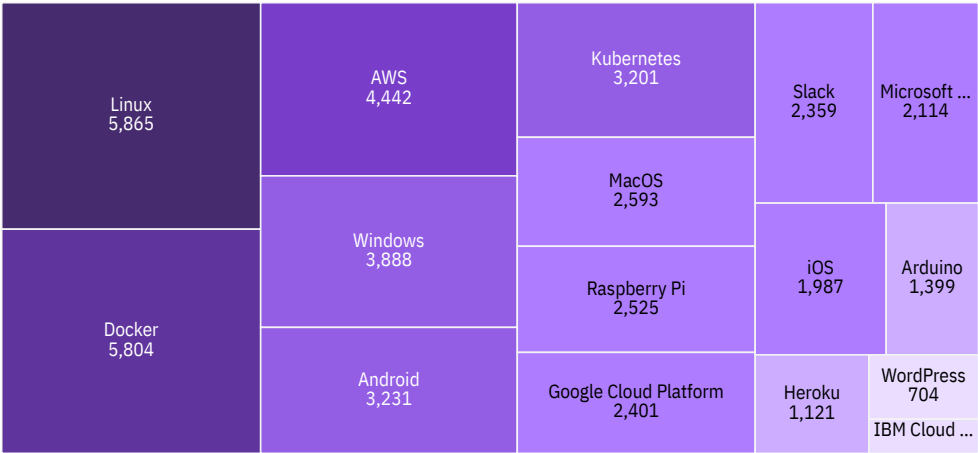
Top 10 Web Frames Desired Next Year   8

Web Frame	Value
React.js	4,714
Vue.js	3,...
Angular/...	
Sp...	
ASP.N...	
Expr...	
Dj...	
jQuer...	
F...	

Demographics
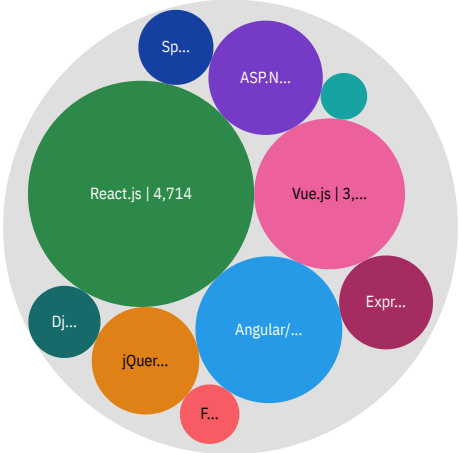
Respondents by Gender other than Man and Woman   9

- Woman;Man | 7.9%
- Woman;Non-binary, genderqueer, or ...
- Man;Non-binary, genderqueer, or ge...
- Non-binary, genderqueer, or gend...
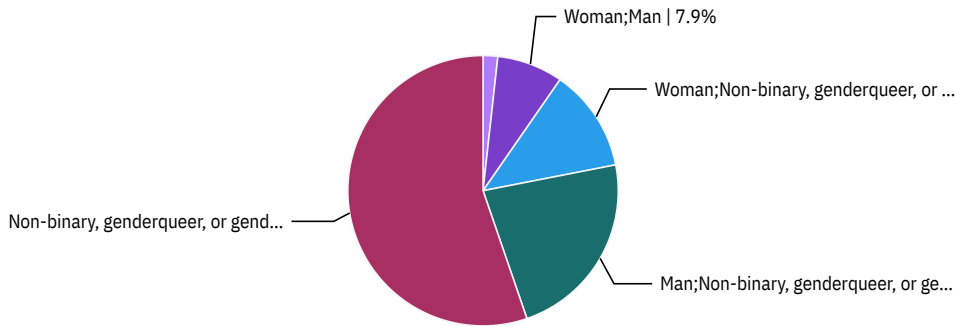
Respondent by Countries   10

- Canada|7349
- Sweden|2791
- United Kingdom|1005
- France|12941
- Russian Federation|18655
- United States|416
- Mexico|1117
- India|11168
- Singapore|21159
- Brazil|10351
- South Africa|7476
- Australia|3731
- Uruguay|8619
- New Zealand|7651

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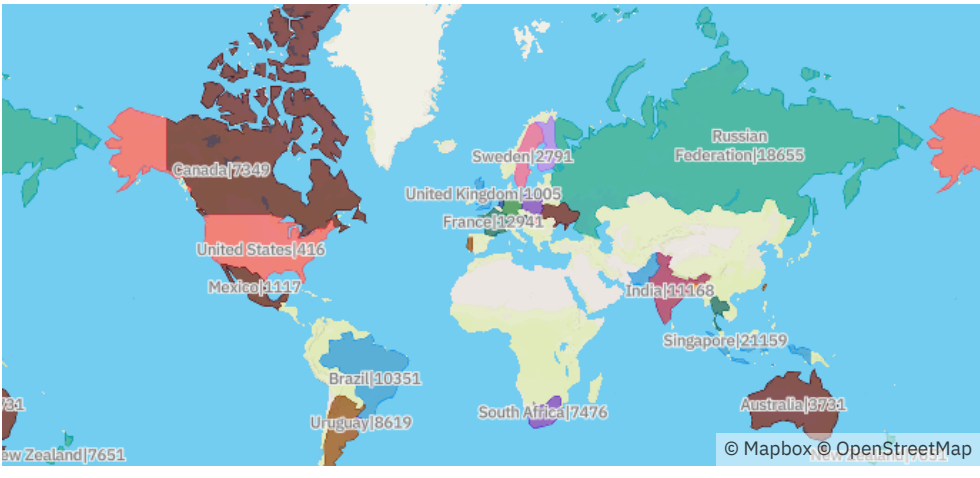
Total Number of Respondents by Age   11

Respondent (Count distinct) vs Age
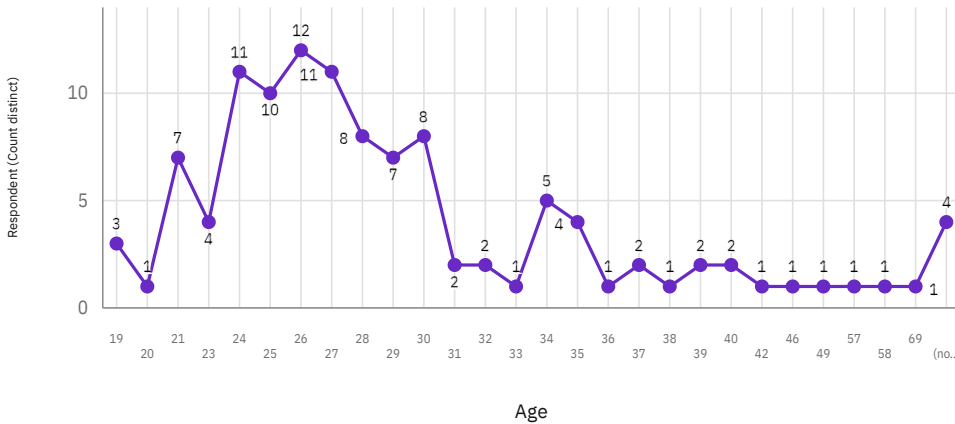
Respondent by EdLevel colored by Gender   12

- Bachelor's degree (BA, BS, B.Eng., etc.) — 56% | 58.1% | 57.1%
- Some college/university study without earning a d... — 21%
- Master's degree (MA, MS, M.Eng., MBA, etc.) — 11.3%
- Secondary school (e.g. American high school, Germ...
- Other doctoral degree (Ph.D, Ed.D., etc.)
- Associate degree
- Professional degree (JD, MD, etc.)
- I never completed any formal education

EdLevel vs Respondent (Count distinct)
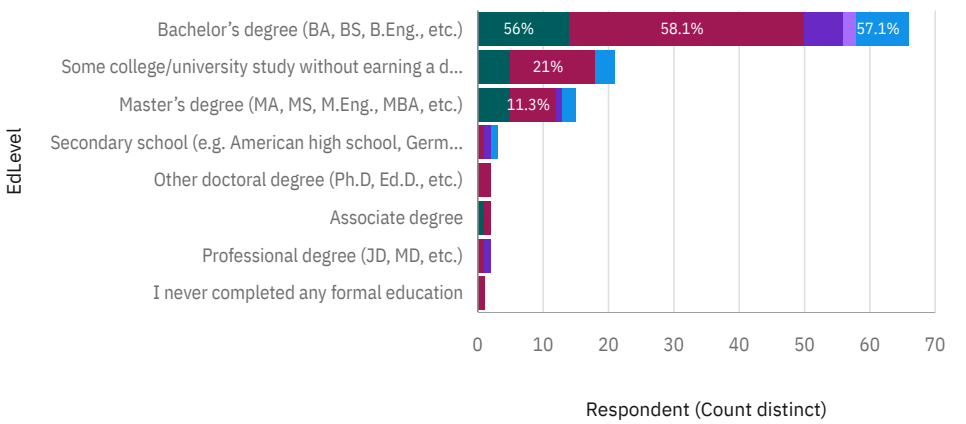
Filter(s) applied to the visualization(s):

Widget 1
LanguageWorkedWith Top 10

Widget 2
DatabaseWorkedWith Top 10

Widget 3
PlatformWorkedWith Excludes: (no value), (no value)
PlatformWorkedWith Excludes: Other(s):, Other(s):

Widget 4
WebFrameWorkedWith Top 10

Widget 5
LanguageDesireNextYear Top 10

Widget 6
DatabaseDesireNextYear Top 10

Widget 7
PlatformDesireNextYear Excludes: Other(s):

Widget 8
WebFrameDesireNextYear Top 10

Widget 9
Gender Includes: Man;Non-binary, genderqueer, or gender non-conforming, Non-binary, genderqueer, or gender non-conforming, Woman;Man, Woman;Man;Non-binary, genderqueer, or gender non-conforming, Woman;Non-binary, genderqueer, or gender non-conforming

Widget 10
Gender Includes: Man;Non-binary, genderqueer, or gender non-conforming, Non-binary, genderqueer, or gender non-conforming, Woman;Man, Woman;Man;Non-binary, genderqueer, or gender non-conforming, Woman;Non-binary, genderqueer, or gender non-conforming

Widget 11
Gender Includes: Man;Non-binary, genderqueer, or gender non-conforming, Non-binary, genderqueer, or gender non-conforming, Woman;Man, Woman;Man;Non-binary, genderqueer, or gender non-conforming, Woman;Non-binary, genderqueer, or gender non-conforming

Widget 12

Data points Excluded 1 data points

EdLevel Excludes: (no value)

Gender Includes: Man;Non-binary, genderqueer, or gender non-conforming, Non-binary, genderqueer, or gender non-conforming, Woman;Man, Woman;Man;Non-binary, genderqueer, or gender non-conforming, Woman;Non-binary, genderqueer, or gender non-conforming