Current Technology Usage

Top 10 Languages - Current Year

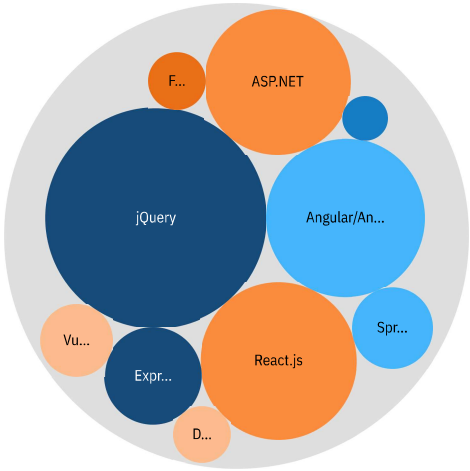| Language	Number of Respondents
Bash/Shell/PowerShell	57,976,092
C#	53,376,993
C++	24,456,246
HTML/CSS	97,521,608
Java	55,836,723
JavaScript	108,371,442
PHP	36,438,296
Python	56,108,957
SQL	88,712,115
TypeScript	40,230,558

Number of Respondents: 0 10,000,000 30,000,000 50,000,000 70,000,000 90,000,000 110,000,000
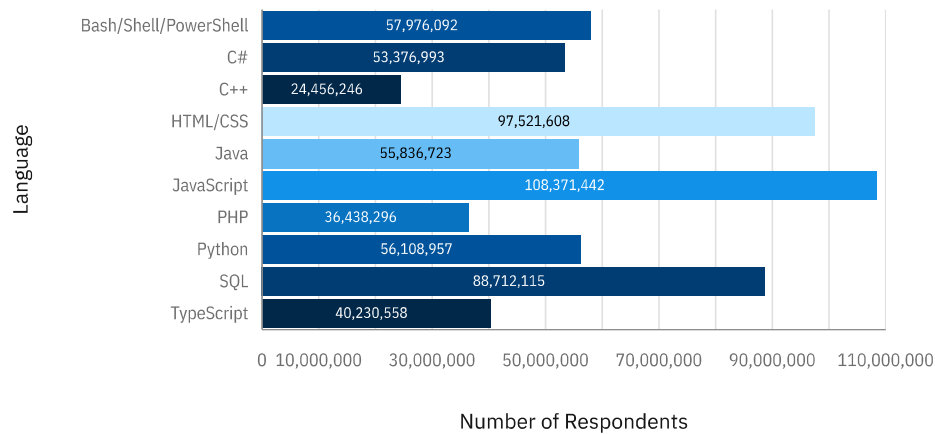
Top 10 Databases - Current Year

Database	Number of Respondents
Elasticsearch	24,154,705
Firebase	(16,000,000)
MariaDB	21,299,862
Microsoft SQL Ser...	51,056,094
MongoDB	37,462,758
MySQL	68,301,583
Oracle	21,247,003
PostgreSQL	51,129,157
Redis	31,557,370
SQLite	40,137,629
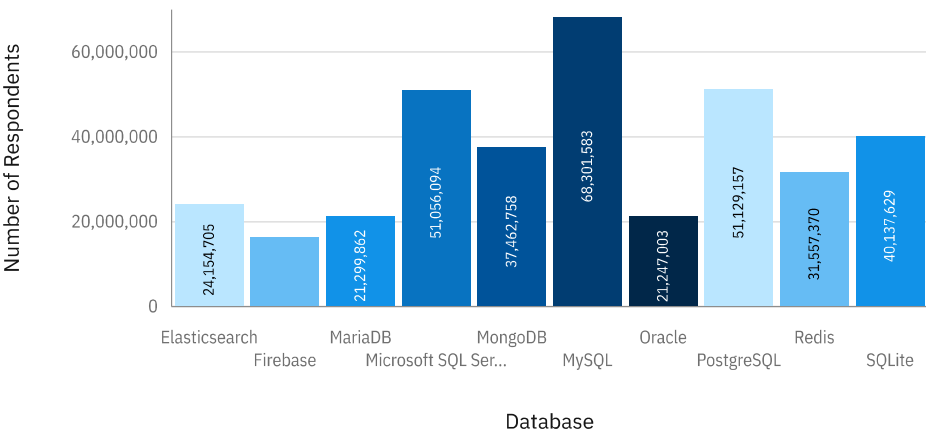
Platforms Worked With - Current Year

AWS · Linux · Windows · Docker · MacOS · Heroku · IBM Cloud or Watson · Google Cloud Platform · Slack · WordPress · Microsoft Azure · Android · Kubernetes · Raspberry Pi · Other(s): · Arduino · iOS

Top 10 WebFrame - Current Year

F... · ASP.NET · jQuery · Angular/An... · Vu... · Expr... · React.js · Spr... · D...

Future Technology Trend

Top 10 Languages - Next Year

Language	Count of Respondents
Bash/Shell/PowerShell	38,409,434
C#	44,603,822
Go	34,588,729
HTML/CSS	65,736,854
Java	36,736,341
JavaScript	82,435,603
Kotlin	23,464,961
Python	65,819,056
SQL	62,270,210
TypeScript	50,369,647
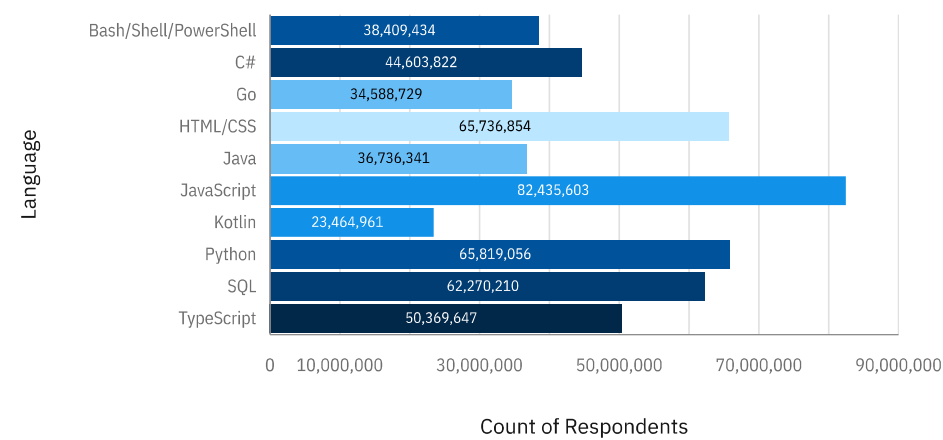
Top 10 Databases - Next Year

Count of Respondents by Database:
- DynamoDB
- Elasticsearch: 35,314,757
- Firebase
- MariaDB: 20,585,232
- Microsoft SQL Ser...: 17,280,016
- MongoDB: 33,649,369
- MySQL: 45,897,489
- PostgreSQL: 41,353,217
- Redis: 53,804,386
- SQLite: 41,370,718 / 30,320,901
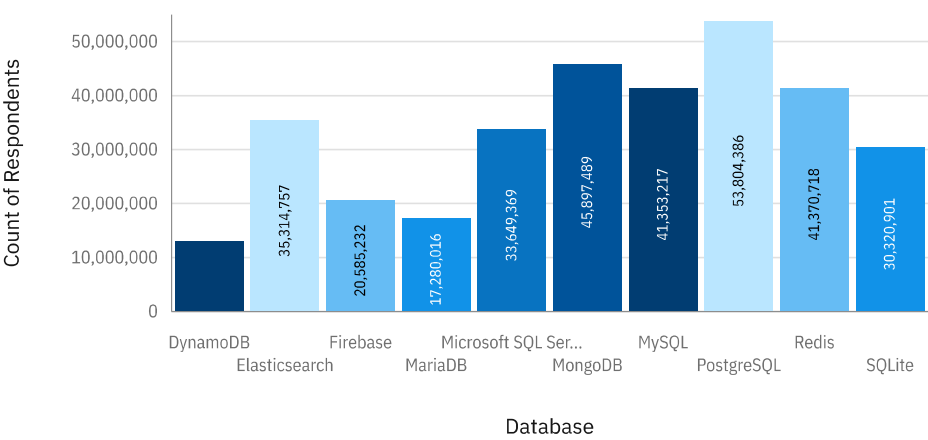
Hierarchy of Platforms - Next Year

Linux, Docker, AWS, Windows, Android, Kubernetes, Slack, Microsoft Azure, MacOS, iOS, Arduino, Raspberry Pi, Google Clo..., Heroku, WordP..., I..., Other(s):
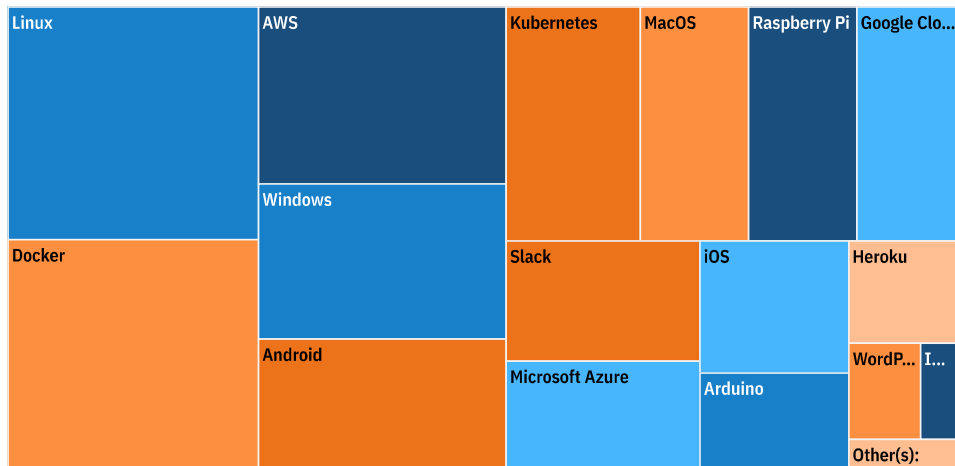
Top 10 Platforms - Next Year

Dja..., React.js, Ex..., Angular/Angula..., Vue.js, Exp..., Angular..., React.js, React.js, AS...
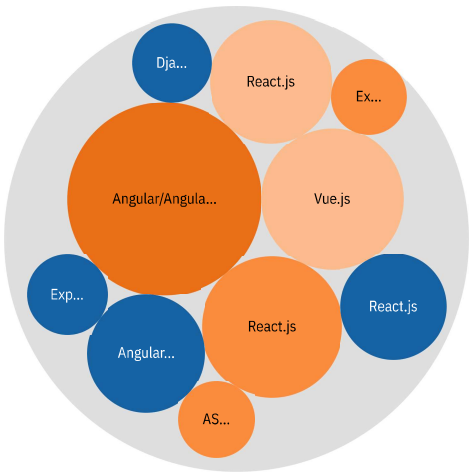
Demographics

Respondent Classified by Gender

Gender
- Woman
- Man

93.5%
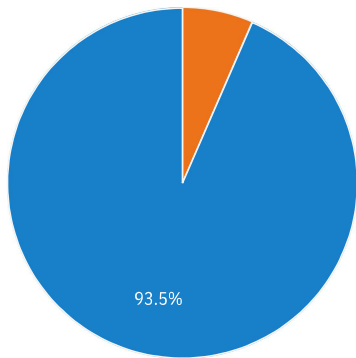
Respondent Count for Countries

Respondent (C...

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Respondent Count by Age

Number of Respondents (y-axis) vs Age (x-axis)

3, 6, 29, 109, 203, 406, 581, 679, 722, 738, 787, 722, 651, 531, 395, 483, 308, 393, 232, 187, 279, 136, 162, 95, 66, 64, 57, 32, 13, 11, 11, 10, 5, 7, 2, 1, 1, 2, 1, 287, 1
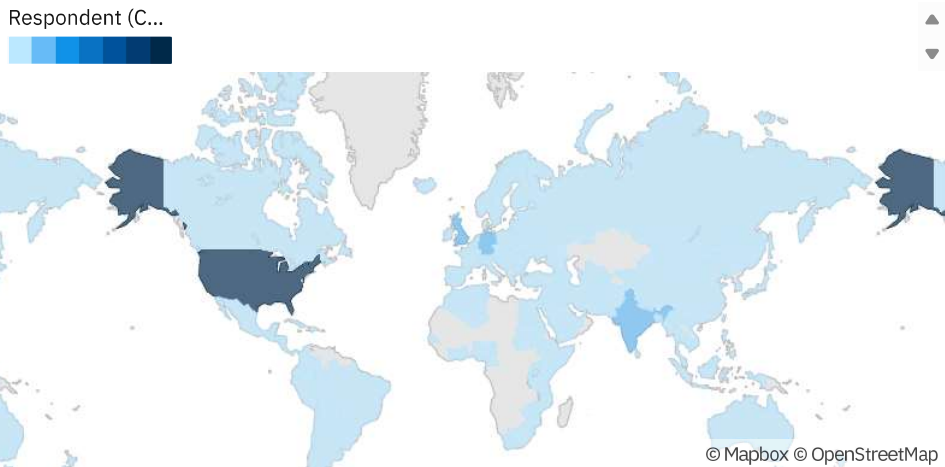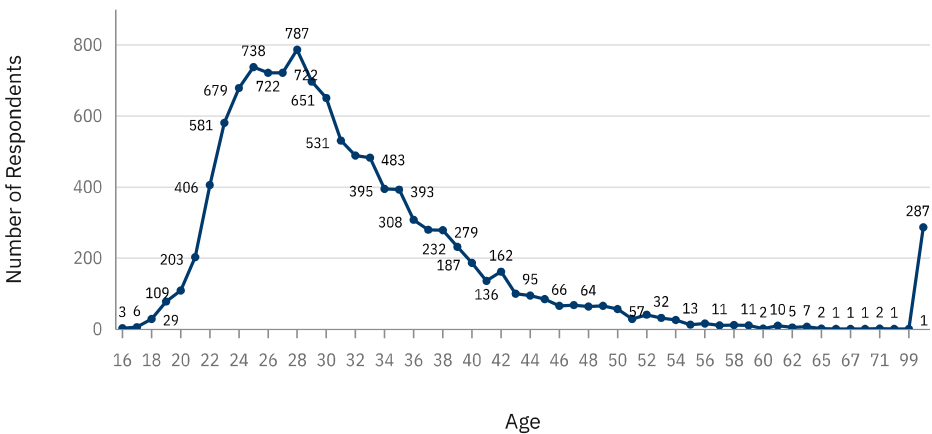
Respondent Count by Gender - Classified by Formal Education Level

Measures
- Respondent
- Gender

Education Level	Number of Respondents
Associate degree	
Bachelor's degree (BA, BS, B.Eng., etc.)	5,753
I never completed any formal education	
Master's degree (MA, MS, M.Eng., MBA, etc.)	2,675
Other doctoral degree (Ph.D, Ed.D., etc.)	
Primary/elementary school	
Professional degree (JD, MD, etc.)	
Secondary school (e.g. American high school, German...	506
Some college/university study without earning a degree	1,330