Current Technology Use

Most Worked with Programming Languages

Horizontal bar chart, Languages (y-axis) vs # of People that Use Language (x-axis):
- JavaScript: 8,687
- HTML/CSS: 7,830
- SQL: 7,106
- Bash/Shell/PowerShell: 4,642
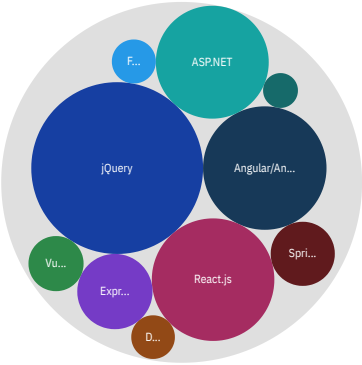- Python: 4,542
- Java: 4,506
- C#: 4,288
- TypeScript: 3,232
- PHP: 2,913
- C++: 1,946
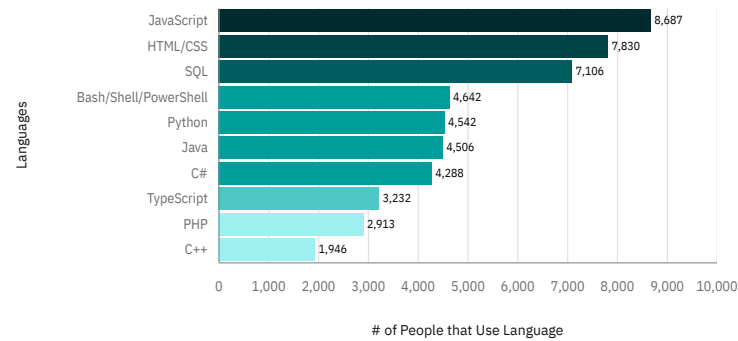
Most used Database Solutions

Bar chart, Users of Database (y-axis) vs Database (x-axis):
- MySQL: 5,469
- Microsoft SQL Se...: 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
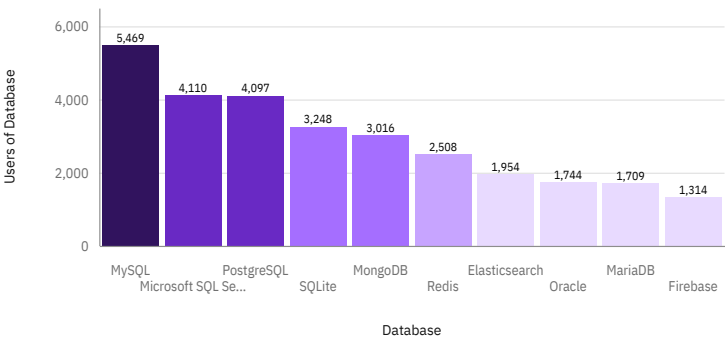
Most Worked with Platforms by Developers

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

Most used Web Frames by Developers

Bubble chart including: jQuery, ASP.NET, Angular/An..., React.js, Express, Vue, Spring, F..., D...

Future Technology Trends

Languages Developers want to Learn Next Year

Horizontal bar chart — # of Respondents by Language:
- 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
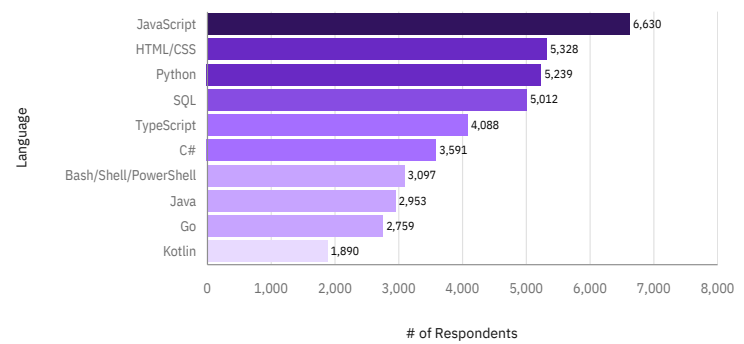
Databases Developers want to Learn Next Year

Bar chart — # of Respondents by Databases:
- 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
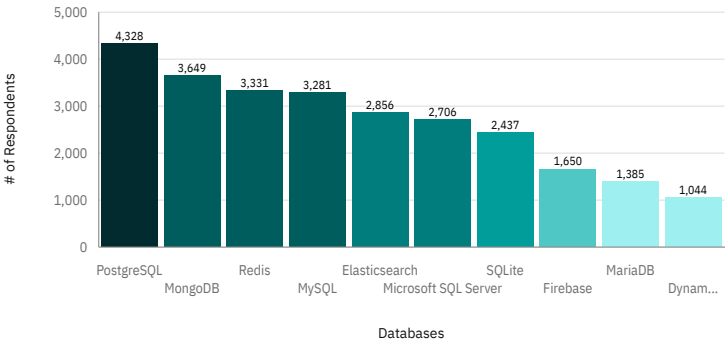
Platforms that Developers want to Learn Next Year

Treemap:
- 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 Clo...: 2,401
- Slack: 2,359
- iOS: 1,987
- Heroku: 1,121
- Microsoft Azure: 2,114
- Arduino: 1,399
- WordP...: 704
- IB...: 373
- Other(s):
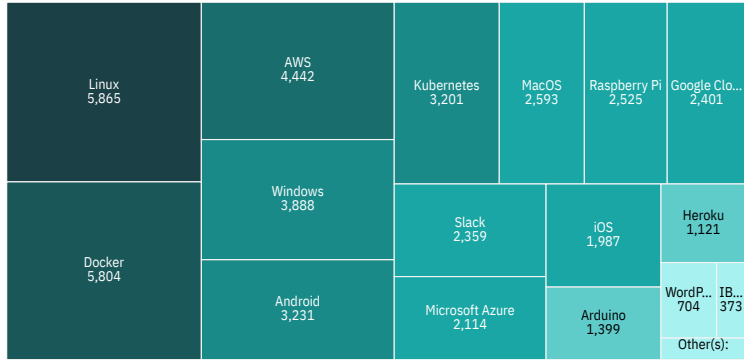
Web Frames Developers want to Learn Next Year

Bubble chart: Spr..., ASP.NET, R..., React.js, Vue.js, Expr..., Dj..., jQuery, Angular/A..., F...
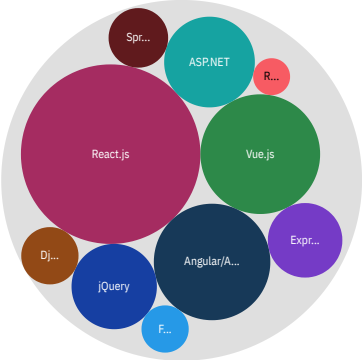
Demographics

Respondents by Gender

Gender
- Woman
- Man

6....

93.6%
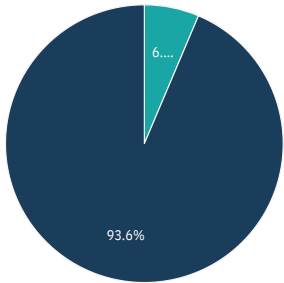
of Respondents by Country

1   3,127

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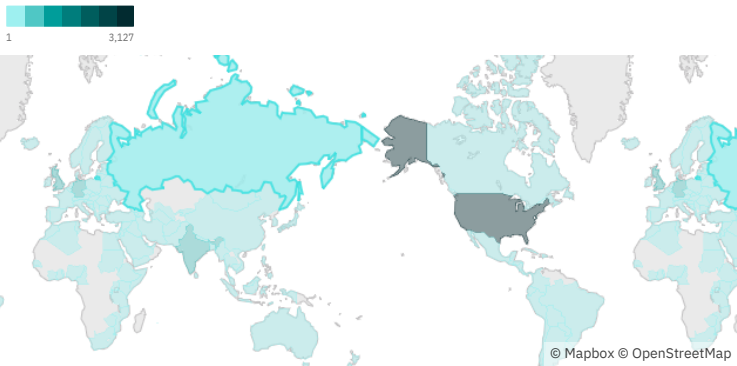
of Respondents by Age
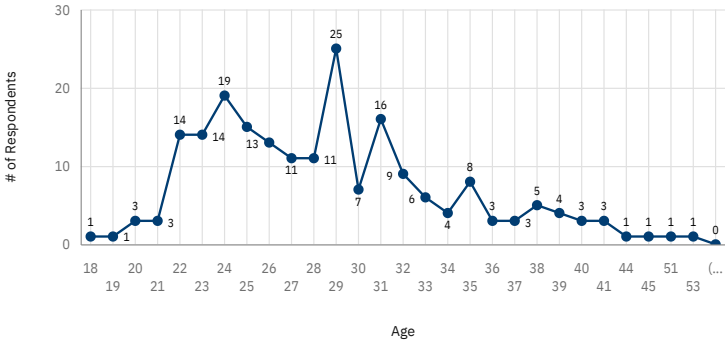
of Respondents by Gender and Educational Level

Gender
- (no value)
- Man
- Non-binary, genderqueer, or gend...
- Woman
- Woman;Non-binary, genderqueer, ...

EdLevel	
(no value)	
Associate degree	4
Bachelor's degree (BA, BS, B.Eng., etc.)	49 / 6
I never completed any formal education	
Master's degree (MA, MS, M.Eng., MBA, etc.)	78 / 5
Other doctoral degree (Ph.D, Ed.D., etc.)	6
Primary/elementary school	
Professional degree (JD, MD, etc.)	12
Secondary school (e.g. American high school, German...	6
Some college/university study without earning a degree	30