Current Technology Usage
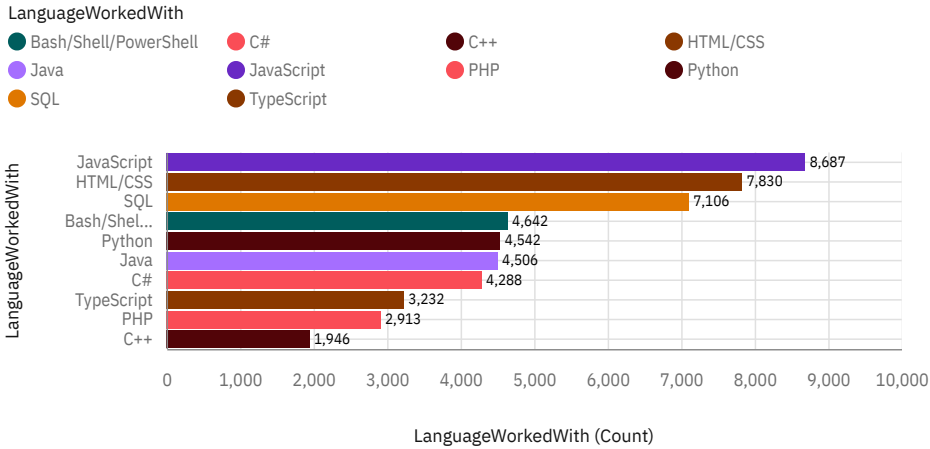
Top 10 Languages Worked With This Year

LanguageWorkedWith

- ● Bash/Shell/PowerShell
- ● C#
- ● C++
- ● HTML/CSS
- ● Java
- ● JavaScript
- ● PHP
- ● Python
- ● SQL
- ● TypeScript

LanguageWorkedWith	Count
JavaScript	8,687
HTML/CSS	7,830
SQL	7,106
Bash/Shel...	4,642
Python	4,542
Java	4,506
C#	4,288
TypeScript	3,232
PHP	2,913
C++	1,946

LanguageWorkedWith (Count)

Top 10 Databases Worked With This Year

DatabaseWorkedWith

- ● Elasticsearch
- ● Firebase
- ● MariaDB
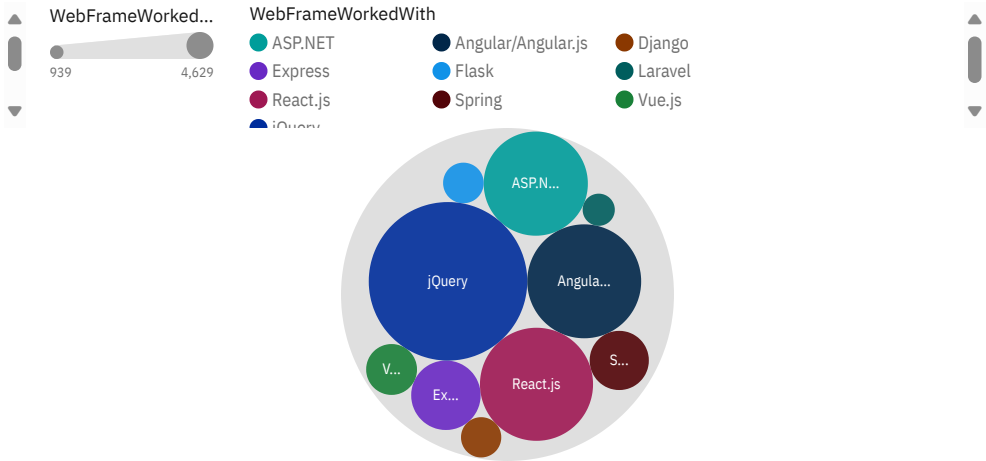- ● Microsoft SQL Server
- ● MongoDB
- ● MySQL
- ● Oracle
- ● PostgreSQL
- ● Redis
- ● SQLite

DatabaseWorkedWith	Count
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

DatabaseWorkedWith
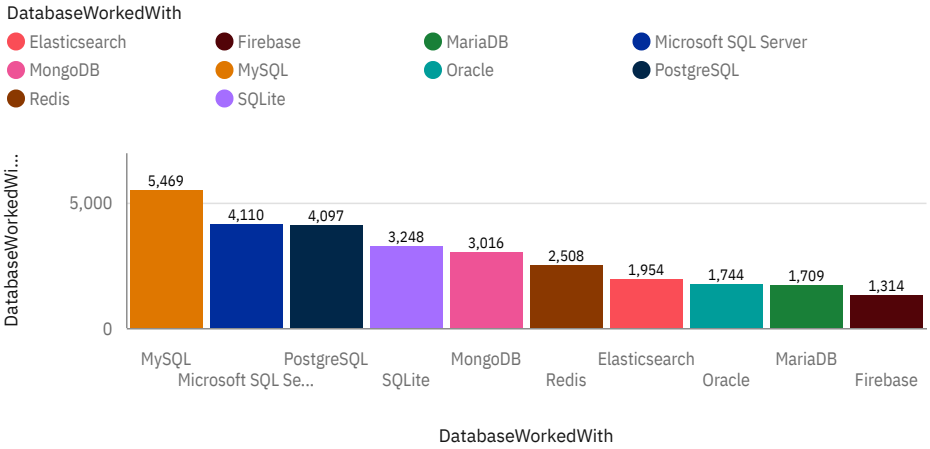
Current Platforms Worked With

PlatformWorkedW... 0 — 5,811

PlatformWorkedWith

- ● (no value)
- ● AWS
- ● Android
- ● Arduino
- ● Docker
- ● Google Cloud Platform
- ● Heroku
- ● IBM Cloud or Watson
- ● Kubernetes
- ● Linux
- ● MacOS
- ● Microsoft Azure
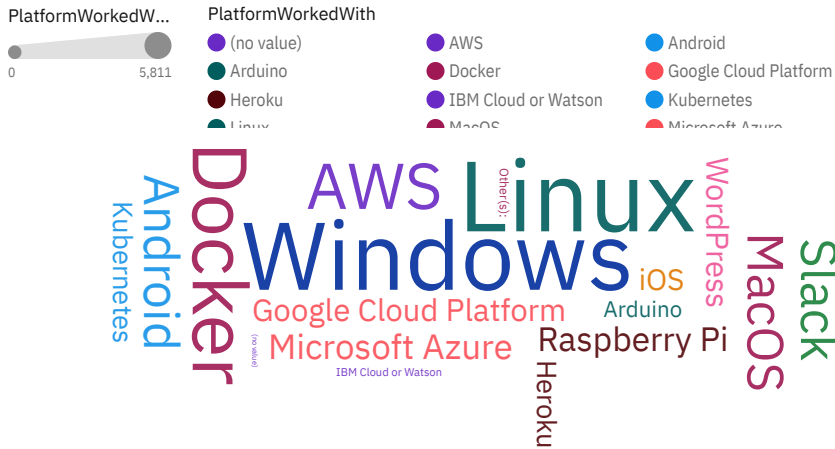
Top 10 Web Frames Worked With This Year

WebFrameWorked... 939 — 4,629

WebFrameWorkedWith

- ● ASP.NET
- ● Angular/Angular.js
- ● Django
- ● Express
- ● Flask
- ● Laravel
- ● React.js
- ● Spring
- ● Vue.js
- ● jQuery

Future Technology Trend

Top 10 Desired Languages Next Year

LanguageDesireNextYear

- Bash/Shell/PowerShell
- C#
- Go
- HTML/CSS
- Java
- JavaScript
- Kotlin
- Python
- SQL
- TypeScript

Language	Count
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

LanguageDesireNextYear (Count)
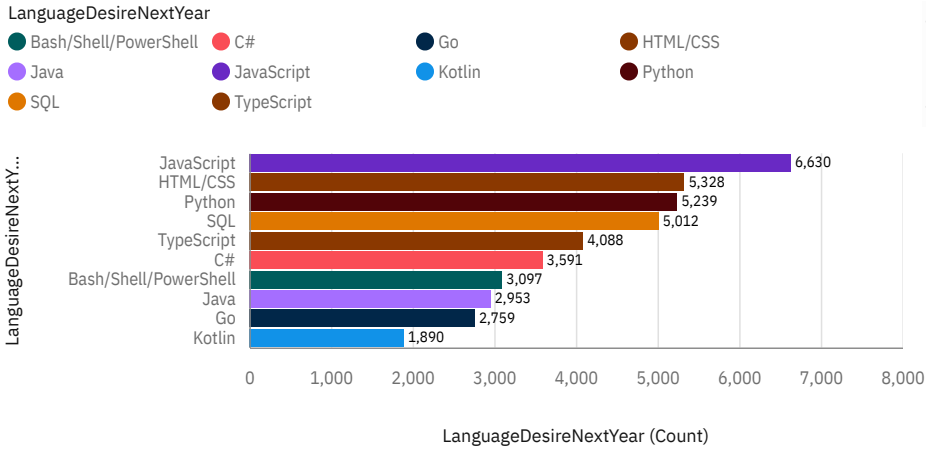
Top 10 Desired Databases Next Year

DatabaseDesireNextYear

- DynamoDB
- Elasticsearch
- Firebase
- MariaDB
- Microsoft SQL Server
- MongoDB
- MySQL
- PostgreSQL
- Redis
- SQLite

Database	Count
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

DatabaseDesireNextYear
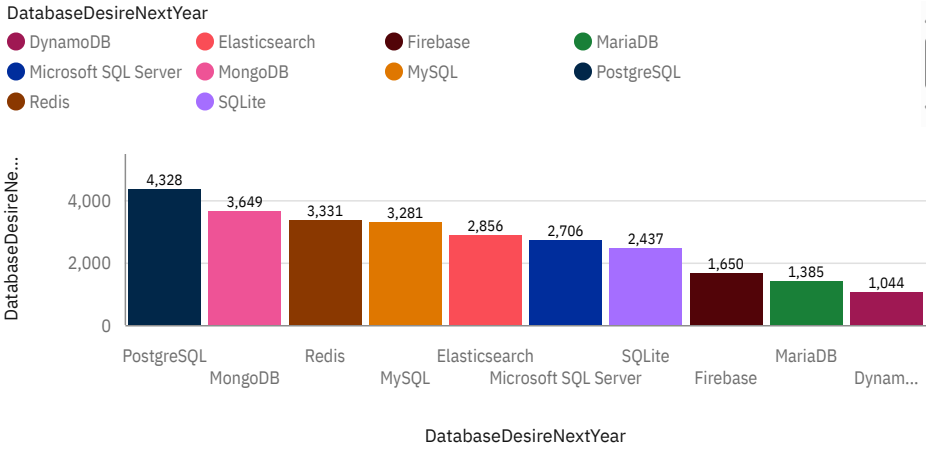
Most Desired Platforms Next Year

PlatformDesireNe...   0 — 5,865
PlatformDesireNe...   0 — 5,865

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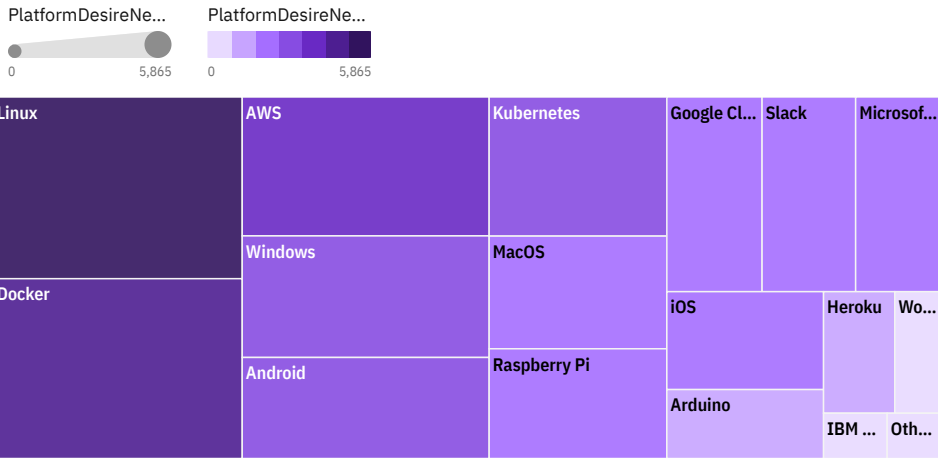
Top 10 Web Frames Desired Next Year

WebFrameDesire...   970 — 4,714

WebFrameDesireNextYear

- ASP.NET
- Angular/Angular.js
- Django
- Express
- Flask
- React.js
- Ruby on Rails
- Spring
- Vue.js
- jQuery

React.js
Vue.js
ASP...
Angul...
jQu...
Ex...
D...
S...
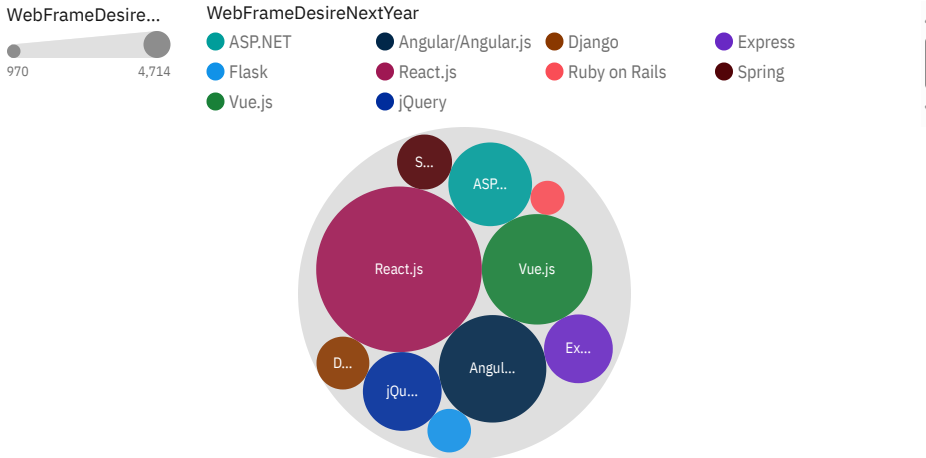
Demographics

Respondents Classified by Gender

Gender
● Woman ● Man

93.5%
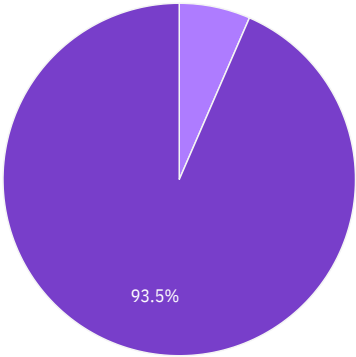
Respondent Count for Countries

© Mapbox © OpenStreetMap

Respondent by Age

Values along the curve (from left to right): 3, 6, 29, 109, 203, 406, 581, 679, 722, 738, 787, 722, 651, 531, 483, 395, 393, 308, 232, 187, 279, 136, 162, 95, 66, 64, 57, 32, 13, 11, 11, 10, 5, 7, 2, 1, 1, 1, 1, 287, 1

Y-axis: Respondent (Count distinct)
X-axis: Age — 16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 65 67 71 99
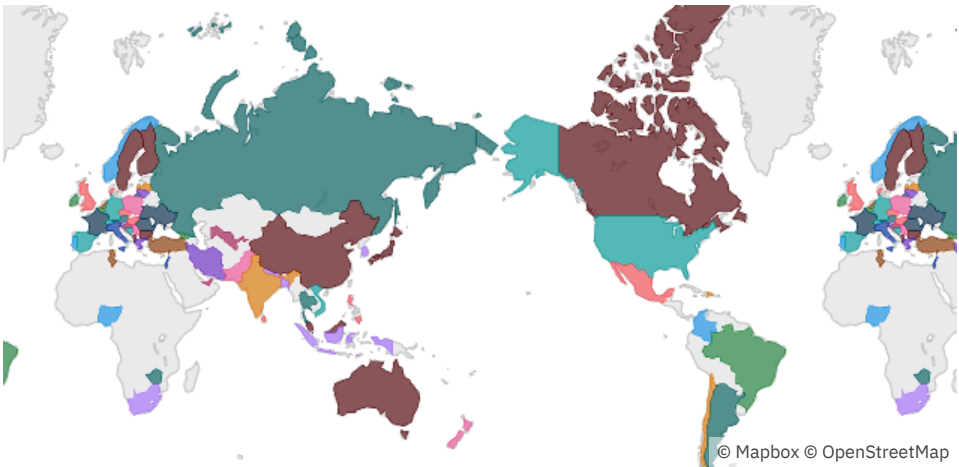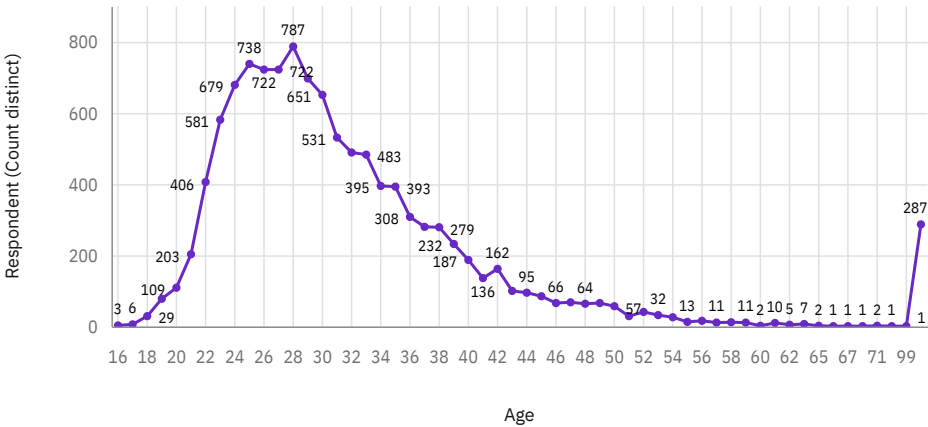
Respondent Count by Gender, Classified by Formal Education Level

EdLevel
● Associate degree   ● Bachelor's degree (BA, BS, B.E...   ● I never completed any formal ...
● Master's degree (MA, MS, M.E... ● Other doctoral degree (Ph.D, E... ● Primarily learnt on my own ...

Man: 5,341 | 2,484 | 482 | 1,280

Woman

Y-axis: Gender
X-axis: Respondent (Count distinct) — 0, 1,000, 2,000, 3,000, 4,000, 5,000, 6,000, 7,000, 8,000, 9,000, 10,000, 11,000