Current Technology Usage

Top 10 Language Worked With

Legend:
- Bash/Shell/Po...
- C#
- C++
- HTML/CSS
- Java
- JavaScript
- PHP
- Python
- SQL
- TypeScript

Language	Total Number of Respondeds
C++	1,946
PHP	2,913
TypeScript	3,232
C#	4,288
Java	4,506
Python	4,542
Bash/Shell/PowerShell	4,642
SQL	7,106
HTML/CSS	7,830
JavaScript	8,687

Total Number of Respondeds
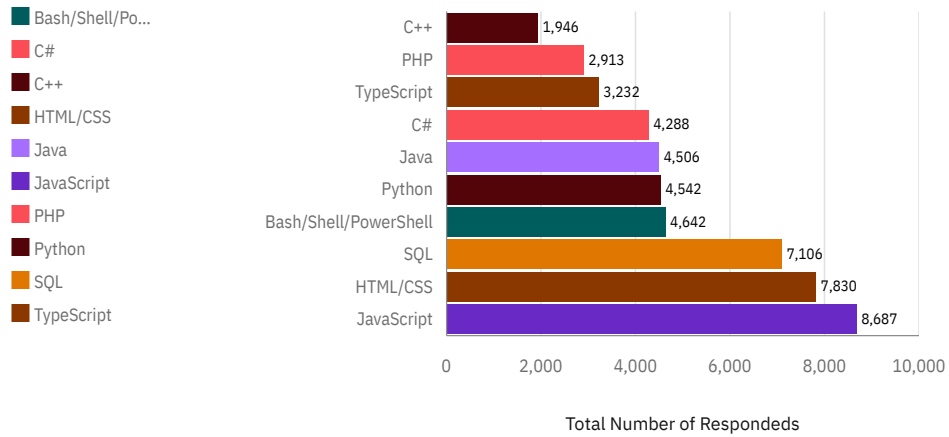
Top 10 Databases Worked With

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

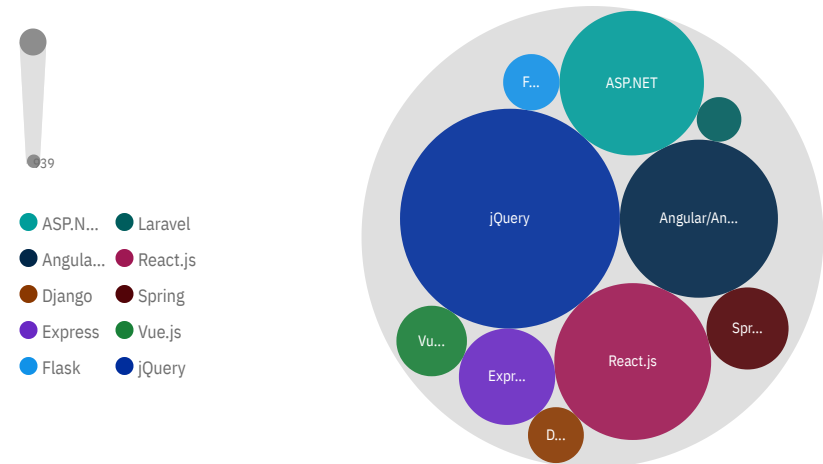| Database	Total Number of Respondends
Firebase	1,314
MariaDB	1,709
Oracle	1,744
Elasticsearch	1,954
Redis	2,508
MongoDB	3,016
SQLite	3,248
PostgreSQL	4,097
Microsoft ...	4,110
My...	5,469

Platforms Worked With

0 ———————————— 5,811

Legend:
- (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

39

Legend:
- ASP.N...
- Laravel
- Angula...
- React.js
- Django
- Spring
- Express
- Vue.js
- Flask
- jQuery

Future Technology Trend

Top 10 Languages Desire Next Year

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

Language	Total Number of Responded
Kotlin	1,890
Go	2,759
Java	2,953
Bash/Shell/PowerShell	3,097
C#	3,591
TypeScript	4,088
SQL	5,012
Python	5,239
HTML/CSS	5,328
JavaScript	6,630

Total Number of Responded
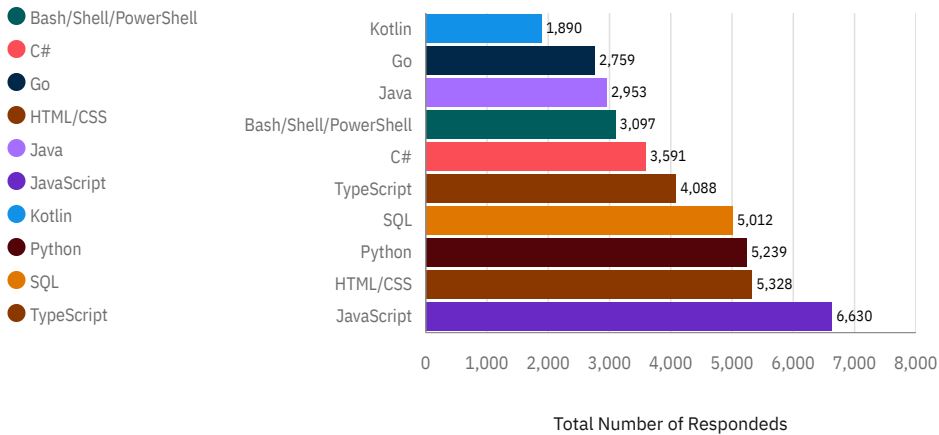
Top 10 Databases Desire Next Year

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

Database	Total Number of Responders
DynamoDB	1,044
MariaDB	1,385
Firebase	1,650
SQLite	2,437
Microsoft SQL Server	2,706
Elasticsearch	2,856
MySQL	3,281
Redis	3,331
MongoDB	3,649
PostgreSQL	4,328
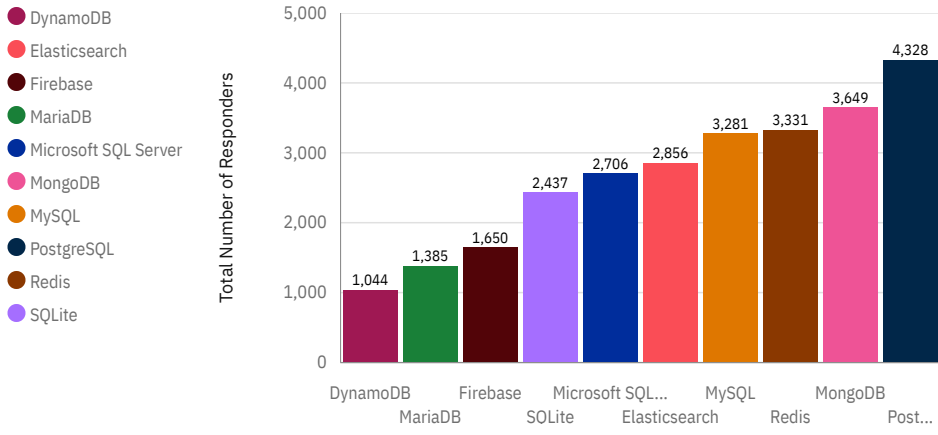
Platforms Desire NextYear

0 — 5,865   0 — 5,865

- Linux
- Docker
- AWS
- Windows
- Android
- Kubernetes
- MacOS
- Raspberry Pi
- Google Cloud Pl...
- Microsoft Azure
- iOS
- Slack
- Arduino
- Hero...
- WordP...
- I...
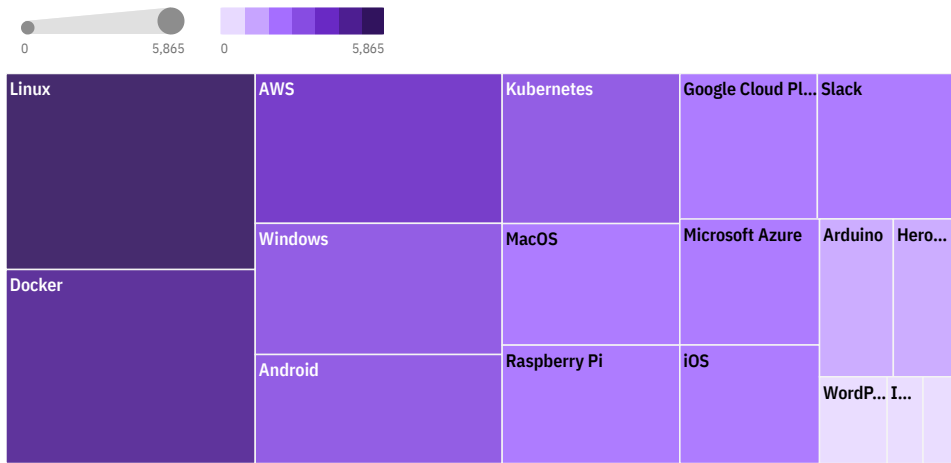
Top 10 WebFrames Desire Next Year

70

Legend:
- ASP.NET
- Angula...
- Django
- Express
- Flask
- React.js
- Ruby o...
- Spring
- Vue.js
- jQuery

- Spr...
- ASP.NET
- React.js
- Vue.js
- Expr...
- Angular/A...
- Dj...
- jQuery
- F...
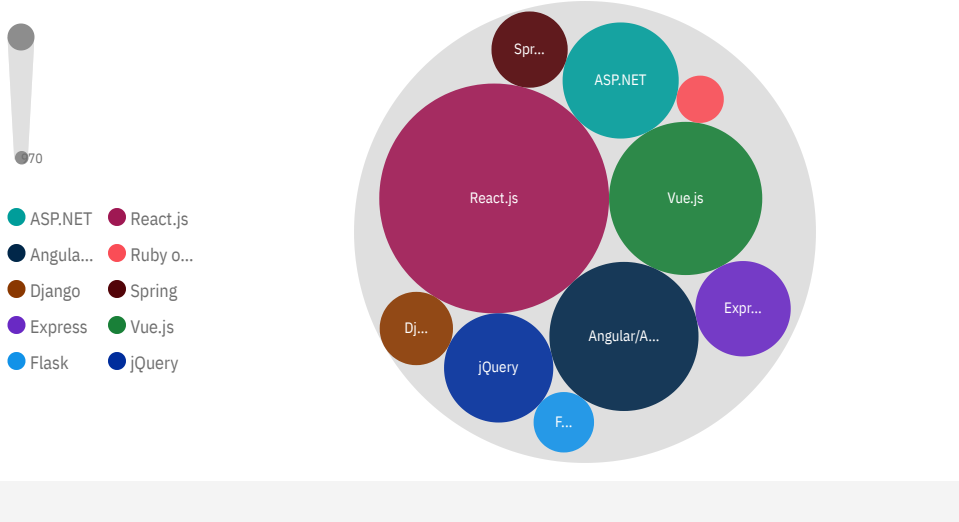
Demographics

Respondent classified by Gender

- ● Woman
- ● Man

6.5%

93.5%
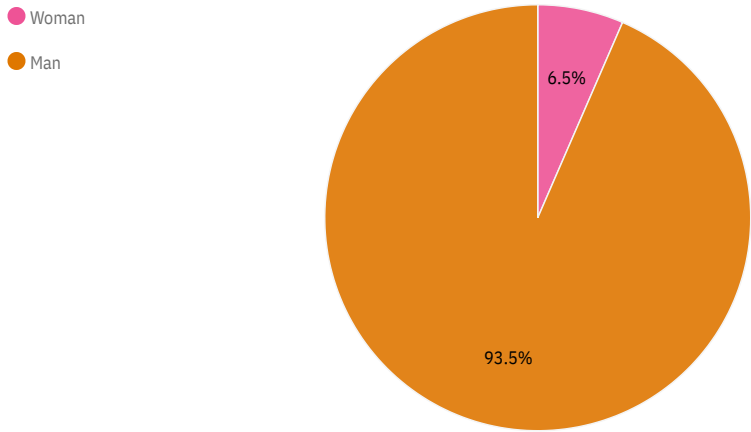
Respondent Count for Countries

- ● Australia
- ● Israel
- ● South Africa
- ● Austria
- ● Argentina
- ● Iran
- ● Hungary
- ● United Arab Emirates
- ● Nicaragua
- ● Mexico
- ● South Korea
- ● Norway
- ● Cape Verde
- ● Indonesia
- ● Belarus

© Mapbox © OpenStreetMap

Respondent Count by Age

Age (Count) vs Age

2 6 29 108 196 403 570 666 706 724 706 774 706 639 521 389 480 307 388 277 278 185 136 161 94 65 64 56 32 13 10 11 2 10 5 7 2 1 1 2 1 1 0

X-axis: 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 72 (...
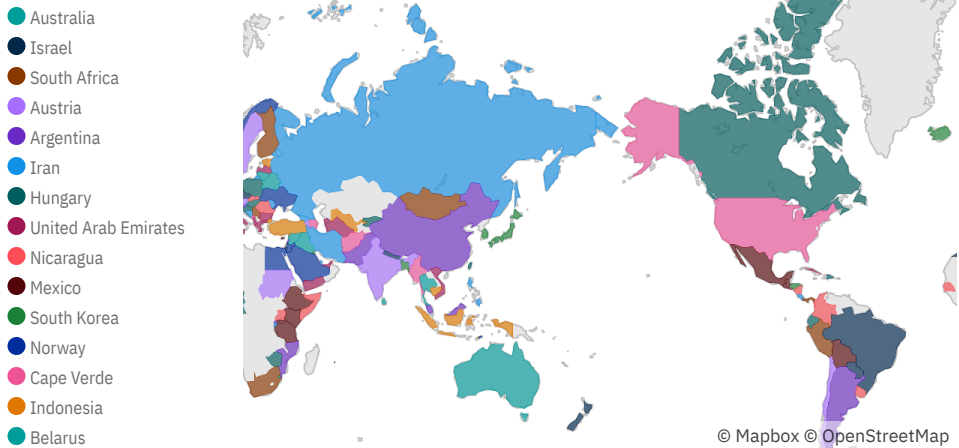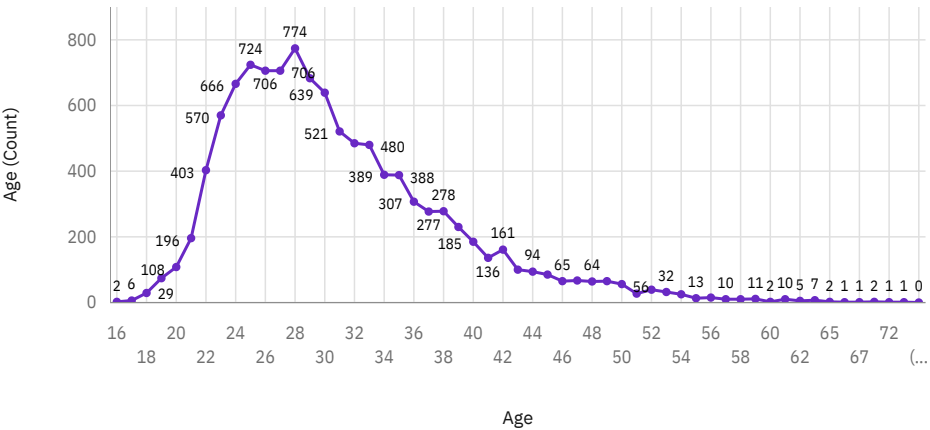
Respondent Count by Gender, classified by Formal Education Level

● Man   ● Woman

Education Level	Total Number of Responders
Bachelor's degree (BA, BS, B.Eng., etc.)	5,341 ... 412
Master's degree (MA, MS, M.Eng., MBA, etc.)	2,484
Some college/university study without earning a degree	1,280
Secondary school (e.g. American high school, German Re...	482
Associate degree	
Other doctoral degree (Ph.D, Ed.D., etc.)	
Professional degree (JD, MD, etc.)	
I never completed any formal education	
Primary/elementary school	
(no value)	

X-axis: 0 1,000 2,000 3,000 4,000 5,000 6,000

Total Number of Responders