# Current Technology Usage
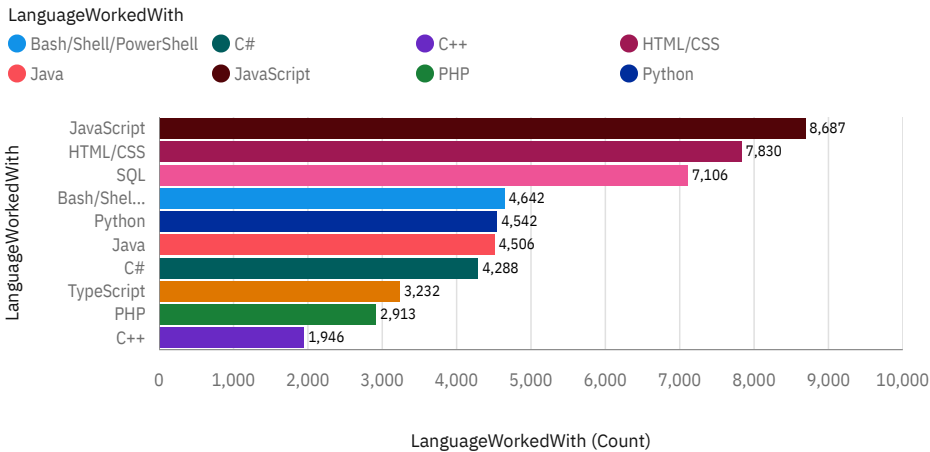
## Top 10 Languages used by Respondents

LanguageWorkedWith

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



| Language | 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 used by Survey Respondents

DatabaseWorkedWith

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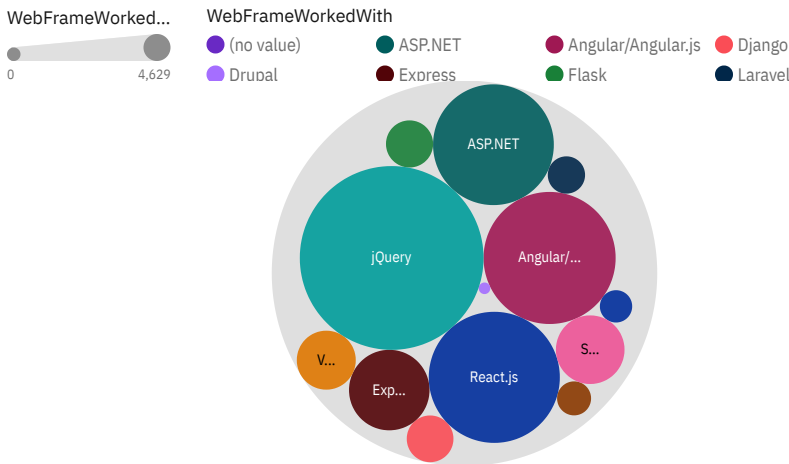- ● MongoDB  ● MySQL  ● Oracle  ● PostgreSQL
- ● Redis  ● SQLite



| Database | Count |
|---|---|
| MySQL | 5,469 |
| Microsoft SQL Server | 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
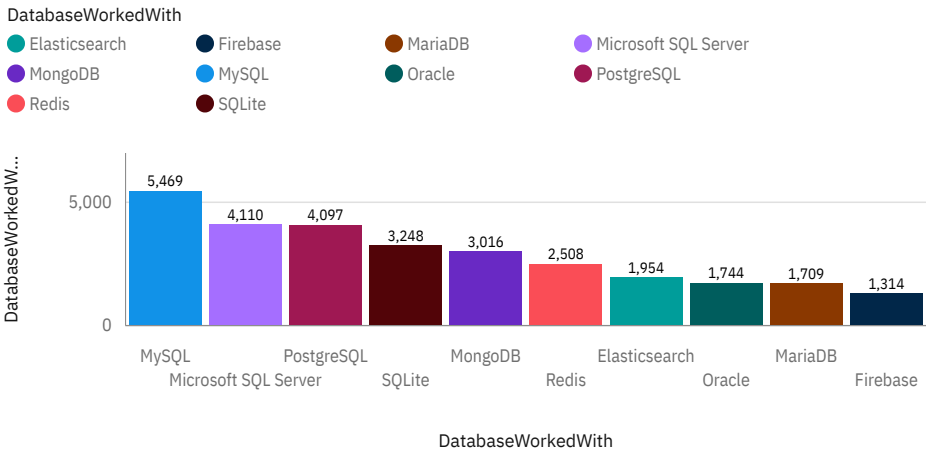
## Platforms used by Respondents

PlatformWorkedW...   0 — 5,811

PlatformWorkedWith

- ● (no value)  ● AWS  ● Android
- ● Arduino  ● Docker  ● Google Cloud Platform
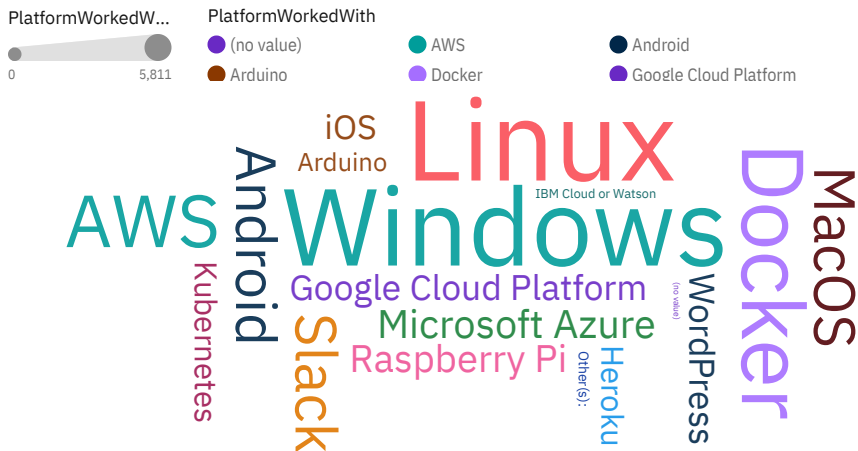


## Top 10 Web Frames used by Respondents

WebFrameWorked...   0 — 4,629

WebFrameWorkedWith

- ● (no value)  ● ASP.NET  ● Angular/Angular.js  ● Django
- ● Drupal  ● Express  ● Flask  ● Laravel

# Future Technology Trend

## Top 10 Languages Respondents Want to Use Next Year

LanguageDesireNextYear

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

| Language | Sum |
|---|---|
| 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 |

Sum
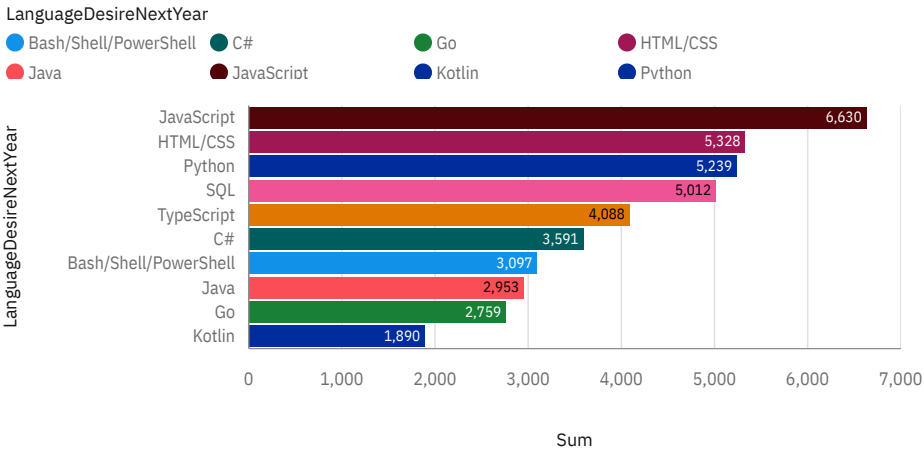
## Top 10 Databases Respondents Want to Use Next Year

DatabaseDesireNextYear

- DynamoDB
- Elasticsearch
- Firebase
- MariaDB
- Microsoft SOL Server
- MongoDB
- MvSOL
- PostgreSOL

| Database | Sum |
|---|---|
| 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
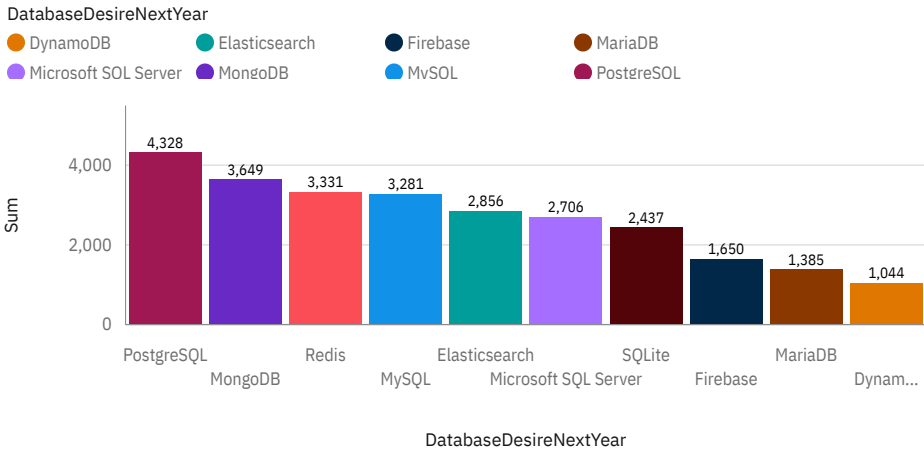
## Platforms Respondents Want to Use Next Year

PlatformDesireNe...  0 – 5,865

PlatformDesireNe...  0 – 5,865



Linux · Docker · AWS · Windows · Android · Kubernetes · MacOS · Raspberry Pi · Google Cl... · iOS · Arduino · Slack · Heroku · IBM ... · Microsof... · Wo... · Oth...
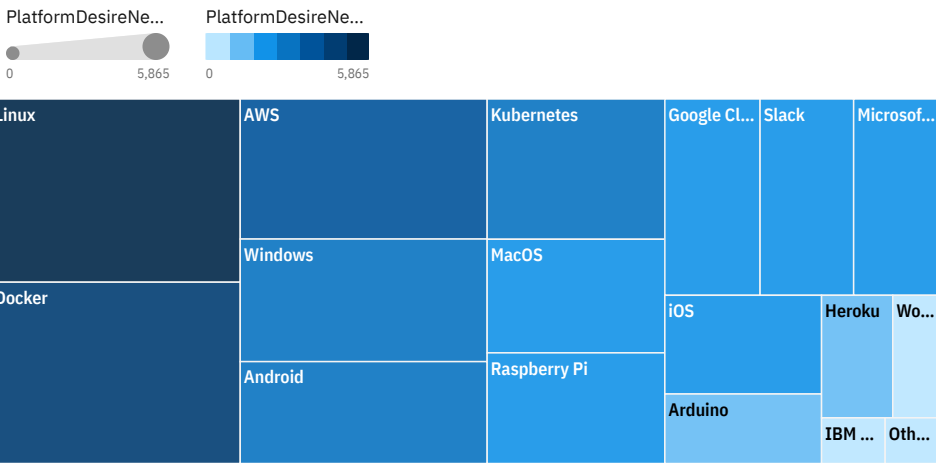
## Top 10 Web Frames Respondents Want to Use Next Year

WebFrameDesire...  970 – 4,714

WebFrameDesireNextYear

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



React.js · Vue.js · Angular... · ASP.... · jQuery · Exp... · S... · D... · F...
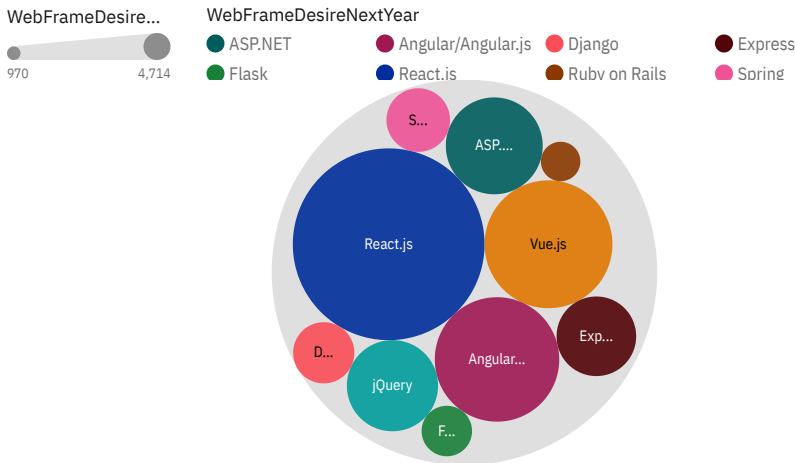
## Demographics

### Proportion of Respondents by Gender

Gender
● Woman  ● Man

93.5%
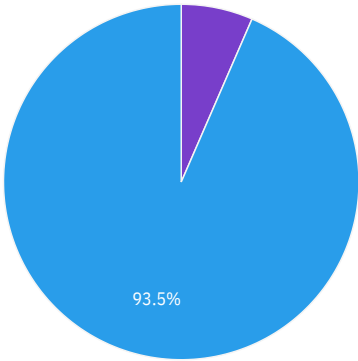
### Respondents Filtered by Country of Origin

© Mapbox © OpenStreetMap
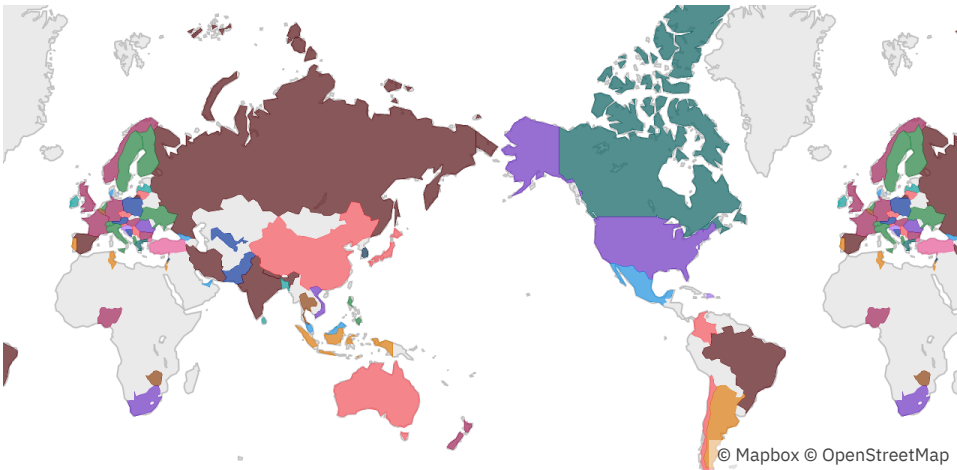
### Age Distribution across Respondents

| Age values plotted | |
|---|---|

800 —
774
724
706  706
666  639
570  521
480
403  389  388
307  278
307  277  278
196  185  161
108  136  94
29  56  65  64
2  6  32  13  10  11  2  10  5  7  2  1  1  2  1
278
1

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 72 (...

Respondent (Count distinct)
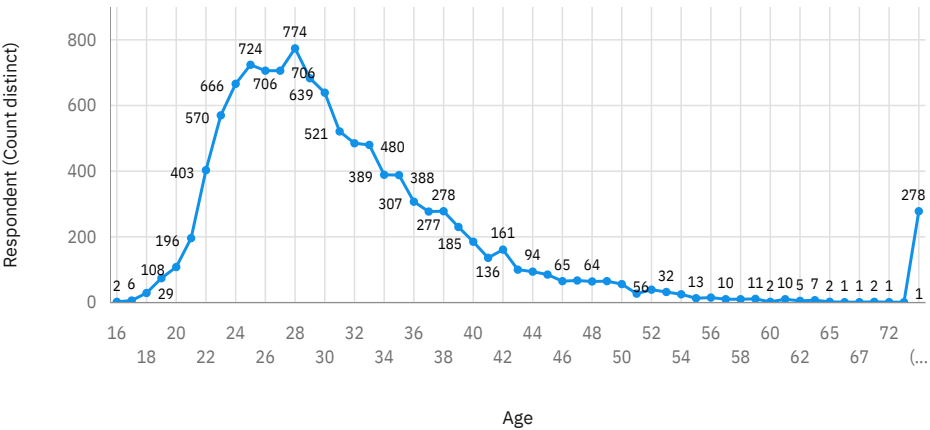
### # of Respondents Based on Gender and Education Level

EdLevel
● (no value)                    ● Associate degree              ● Bachelor's degree (BA, BS, B.Eng.,...
● I never completed any formal edu...  ● Master's degree (MA. MS. M.Eng...  ● Other doctoral degree (Ph.D. Ed.D....

Man: 357 | 5,341 | 2,484 | 482 | 1,280

Woman

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