# Current Technology Use

## Top 10 Languages Used by Respondents

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

| Language | Number of Users (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 |
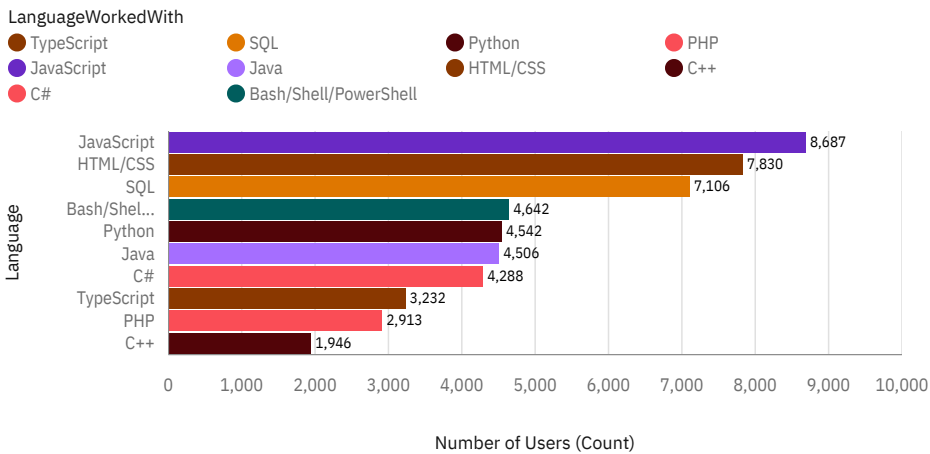
## Top 10 Databases Used by Respondents

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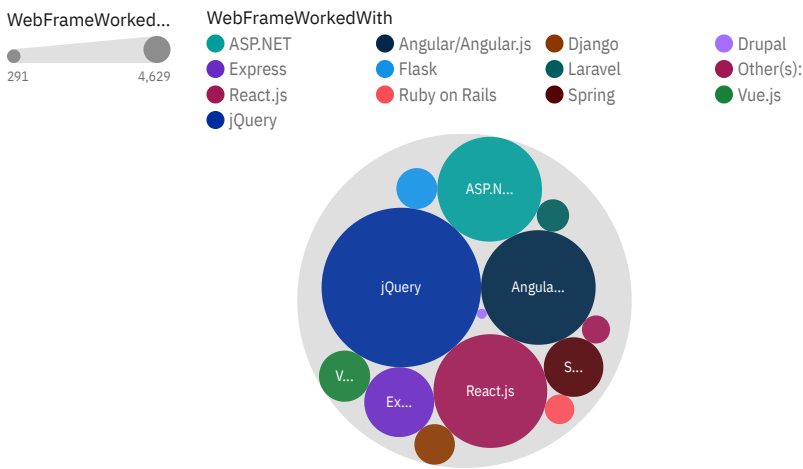- Elasticsearch
- Firebase
- MariaDB
- Microsoft SQL Server
- MongoDB
- MySQL
- Oracle
- PostgreSQL
- Redis
- SQLite

| Database-1 | Users (Count) |
|------------|---------------|
| MySQL | 5,469 |
| Microsoft SQL S... | 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 |
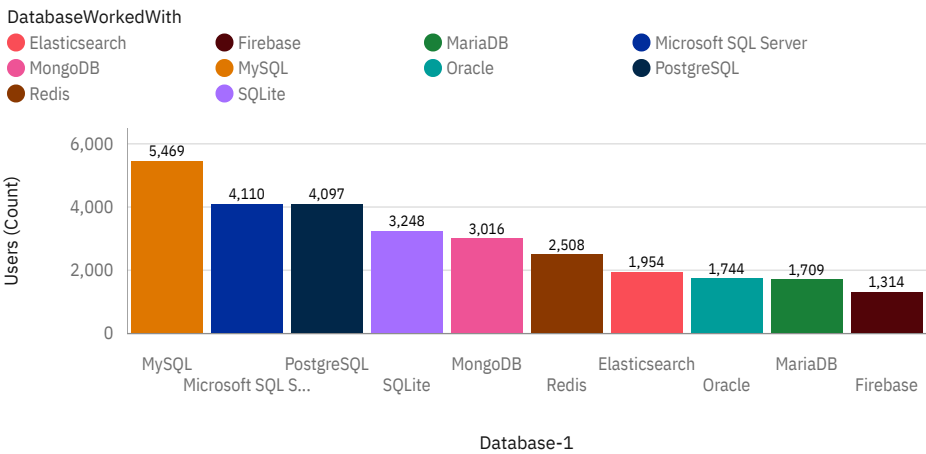
## Platforms Used By Respondents

PlatformWorkedW...  215 — 5,811

PlatformWorkedWith
- AWS
- Android
- Arduino
- Docker
- Google Cloud Platform
- Heroku
- IBM Cloud or Watson
- Kubernetes
- Linux
- MacOS
- Microsoft Azure
- Other(s):
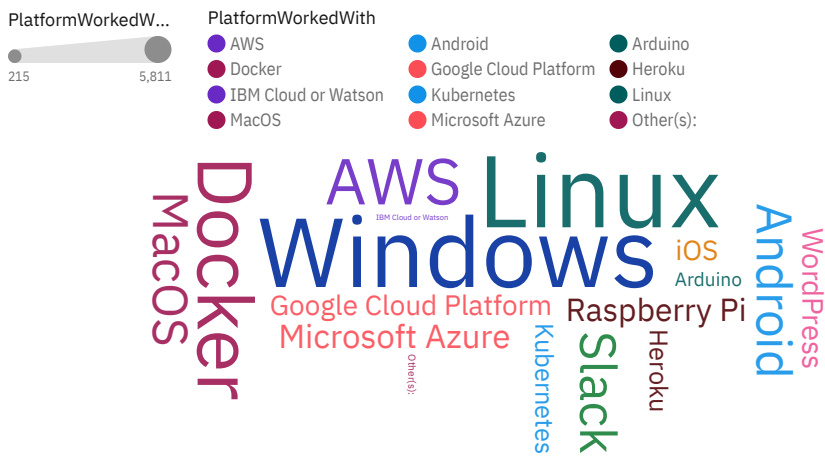


## Webframes Used By Respondents

WebFrameWorked...  291 — 4,629

WebFrameWorkedWith
- ASP.NET
- Angular/Angular.js
- Django
- Drupal
- Express
- Flask
- Laravel
- Other(s):
- React.js
- Ruby on Rails
- Spring
- Vue.js
- jQuery

# Future Technology Trend

## Top 10 Desired Languages Next Year by Repondents

LanguageDesireNextYear

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



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 |

Number of Respondents (Count)
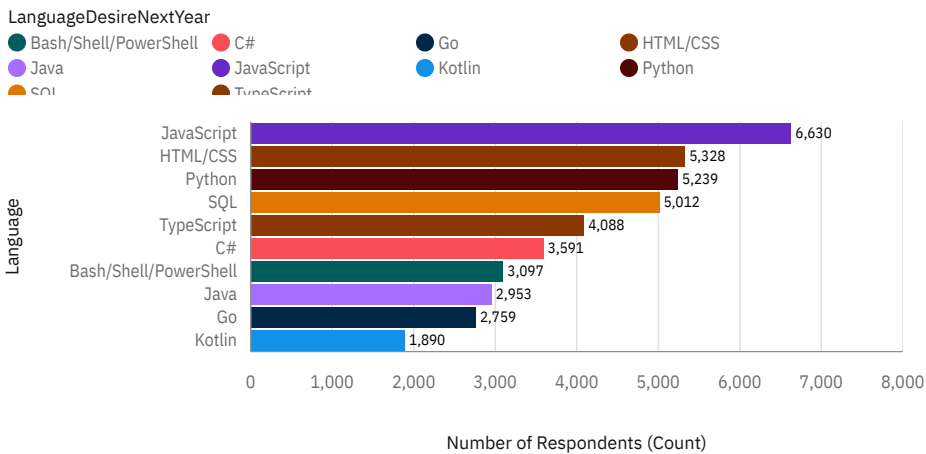
## Top 10 Desired Databases Next Year by Respondents

DatabaseDesireNextYear

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



Number of Respondents ...

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

Database
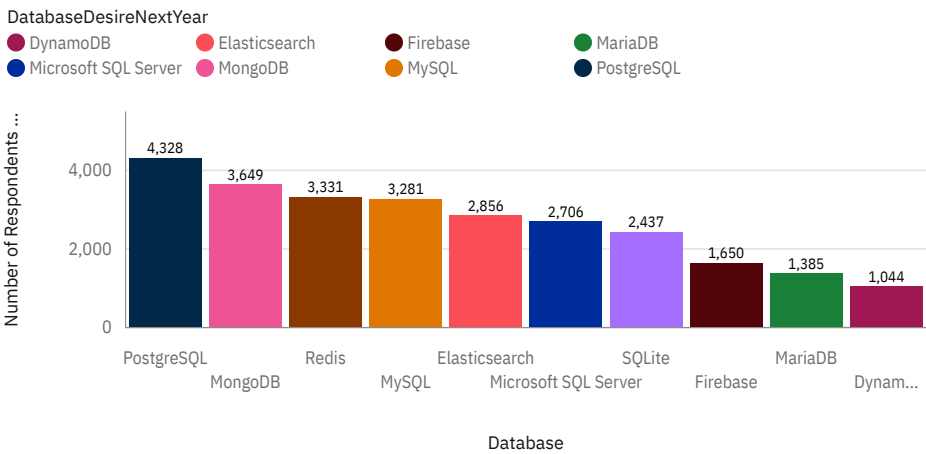
## Desired Platforms Next Year by Respondents

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...
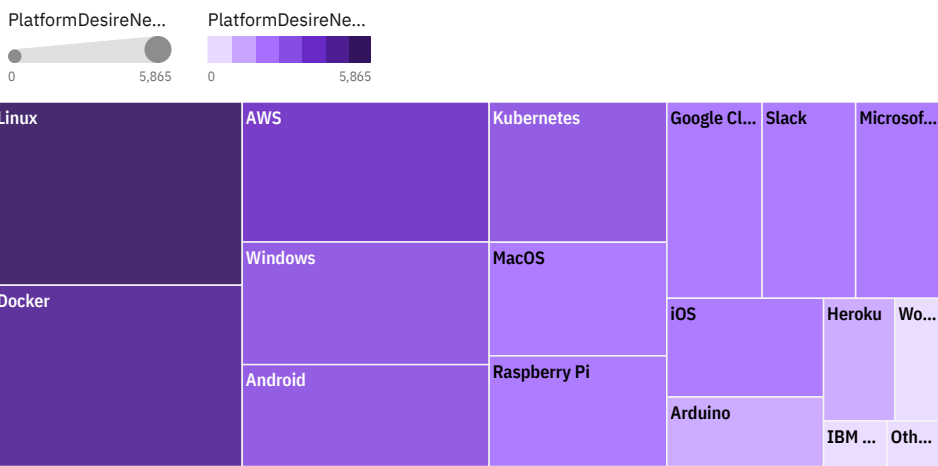
## Top 10 Desired Webframes Next Year by Respondents

WebFrameDesire...   970 — 4,714

WebFrameDesireNextYear

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



S..., AS..., React.js, Vue.js, D..., jQ..., Angul..., E...
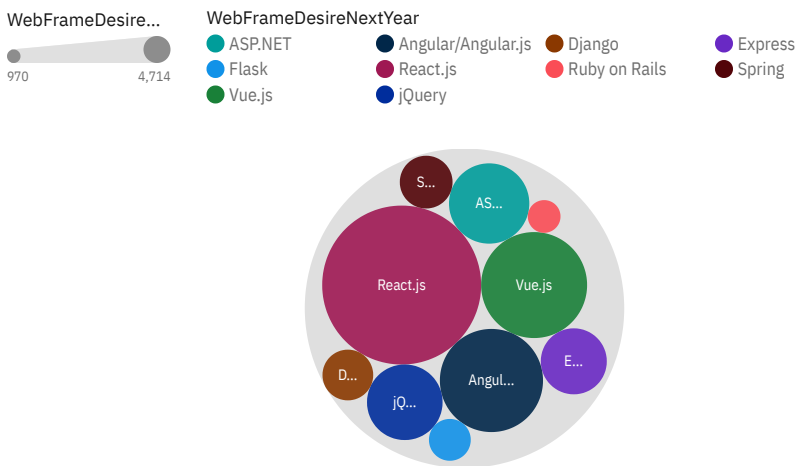
# Demographics

## Respondent by Gender

Gender
- ● Man
- ● Woman

6.5%

93.5%
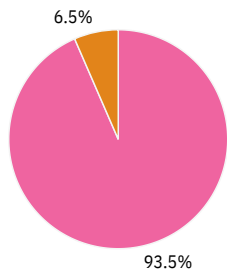
## Respondents Count for Country regions

Respondent (Count)

1        3,058

© Mapbox © OpenStreetMap
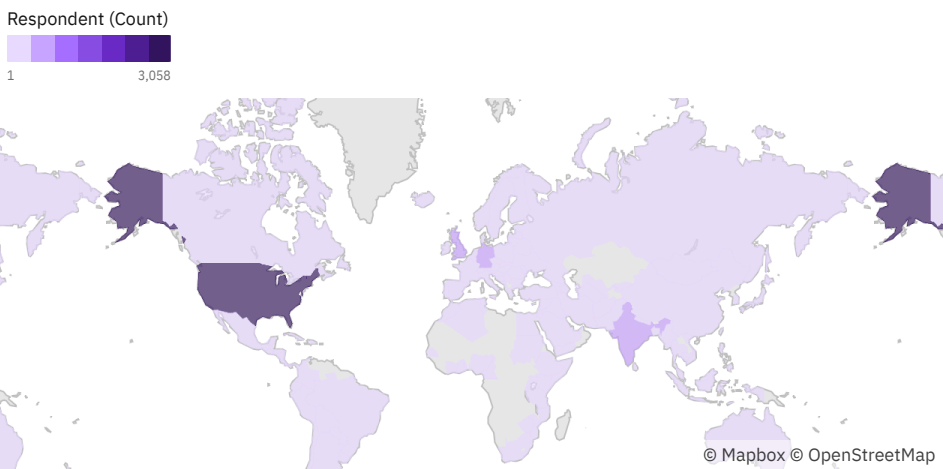
## Respondent Count by Age
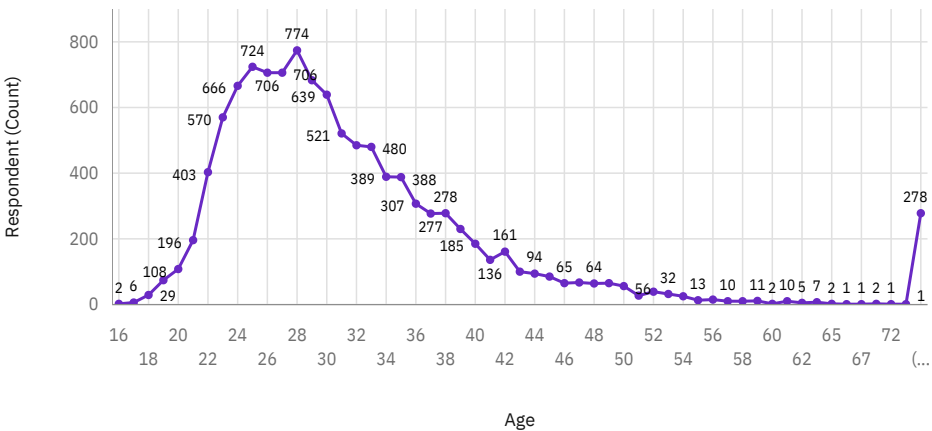


## Respondent Count by Gender, classified by Formal Education Level

EdLevel
- ● (no value)
- ● I never completed any formal edu...
- ● Primary/elementary school
- ● Associate degree
- ● Master's degree (MA, MS, M.Eng.,...
- ● Professional degree (JD, MD, etc.)
- ● Bachelor's degree (BA, BS, B.Eng....
- ● Other doctoral degree (Ph.D, Ed.D...
- ● Secondary school (e.g. American ...



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

Woman

Respondent (Count distinct)