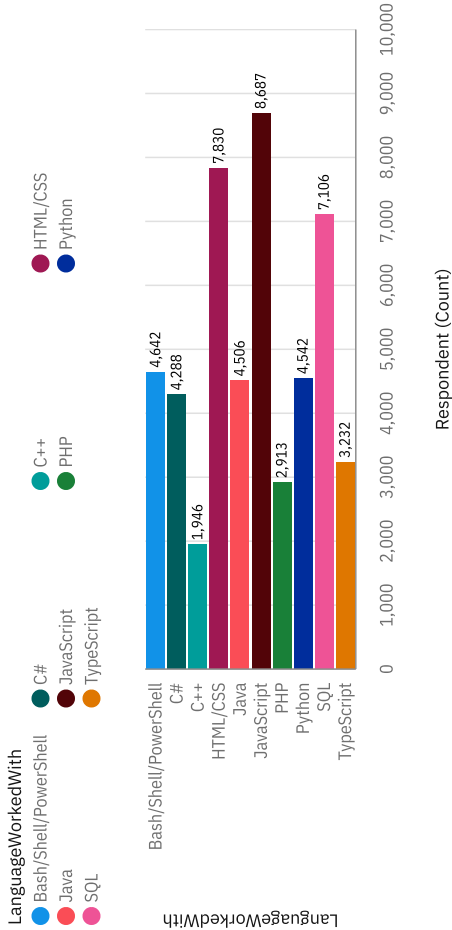# Current Technology Usage

Top 10 Number of Respondents by LanguageWorkedWith

LanguageWorkedWith

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

Respondent (Count)

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

Top 10 Number of Respondents by DatabaseWorkedWith

DatabaseWorkedWith

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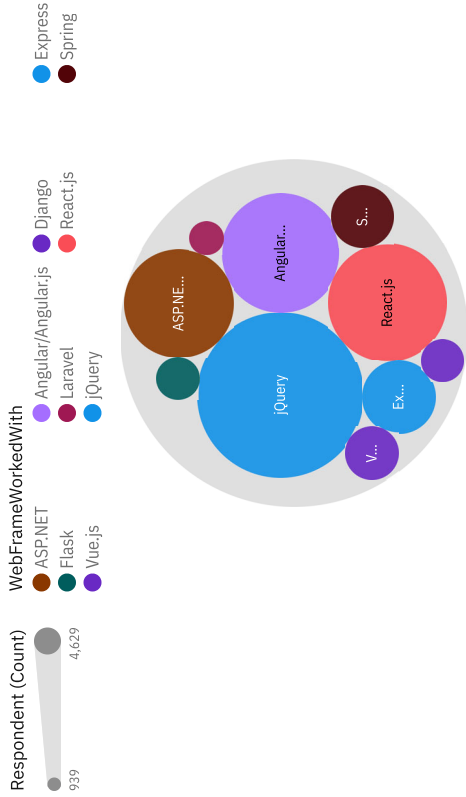- Oracle
- PostgreSQL
- Redis
- SQLite

Respondent (Count)

Database	Count
Elasticsearch	1,954
Firebase	1,314
MariaDB	1,709
Microsoft SQL Se...	4,110
MongoDB	3,016
MySQL	5,469
Oracle	1,744
PostgreSQL	4,097
Redis	2,508
SQLite	3,248
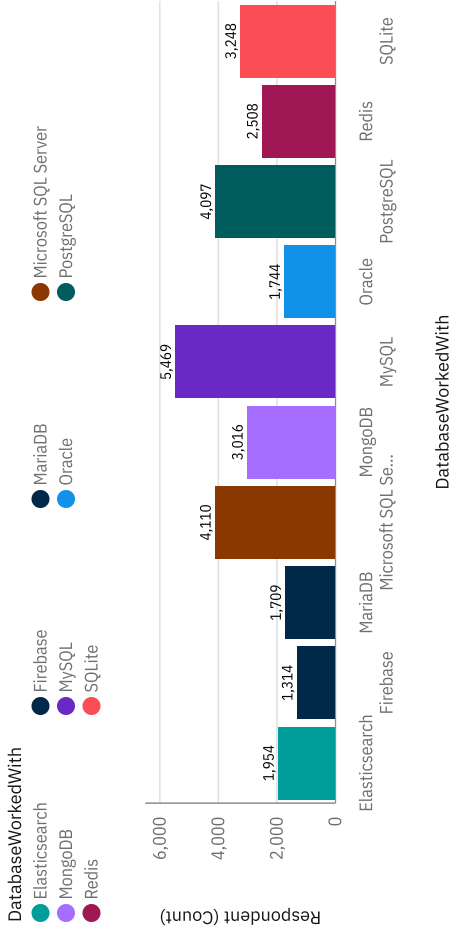
PlatformWorkedWith sized by Number of Respondents

Respondent (Count)   215   5,811

PlatformWorkedWith

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

MacOS
Linux
iOS Arduino
Windows Raspberry Pi
AWS Slack
Google Cloud Platform Kubernetes
Microsoft Azure
Docker
Android
WordPress
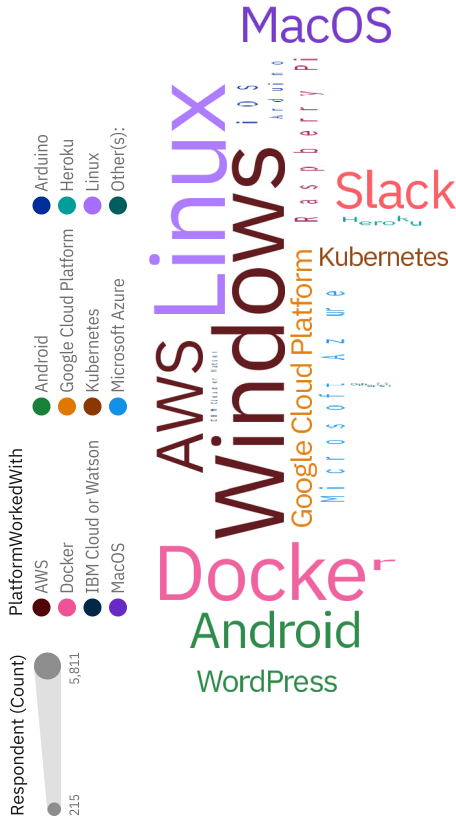
Top 10 Number of Respondents by WebFrameWorkedWith

Respondent (Count)   939   4,629

WebFrameWorkedWith

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

ASP.NE... Angular... S... React.js jQuery Ex... V...

Future Technology Trend

Top 10 Number of Respondents by LanguageDesireNextYear

LanguageDesireNextYear

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

Respondent (Count)

Bars (LanguageDesireNextYear):
- Bash/Shell/PowerShell: 3,097
- C#: 3,591
- Go: 2,759
- HTML/CSS: 5,328
- Java: 2,953
- JavaScript: 6,630
- Kotlin: 1,890
- Python: 5,239
- SQL: 5,012
- TypeScript: 4,088
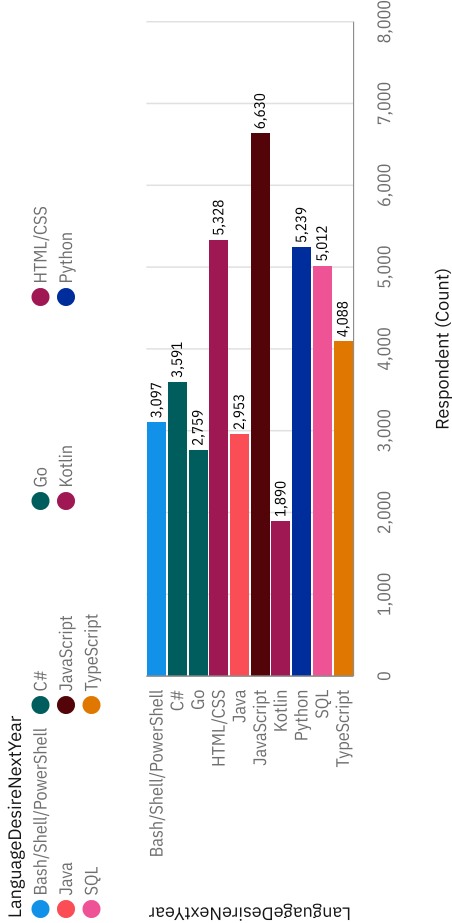
Top 10 Number of Respondents by DatabaseDesireNextYear

DatabaseDesireNextYear

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

DatabaseDesireNextYear

Respondent (Co...)

Bars:
- DynamoDB: 1,044
- Elasticsearch: 2,856
- Firebase: 1,650
- MariaDB: 1,385
- Microsoft SQL Server: 2,706
- MongoDB: 3,649
- MySQL: 3,281
- PostgreSQL: 4,328
- Redis: 3,331
- SQLite: 2,437
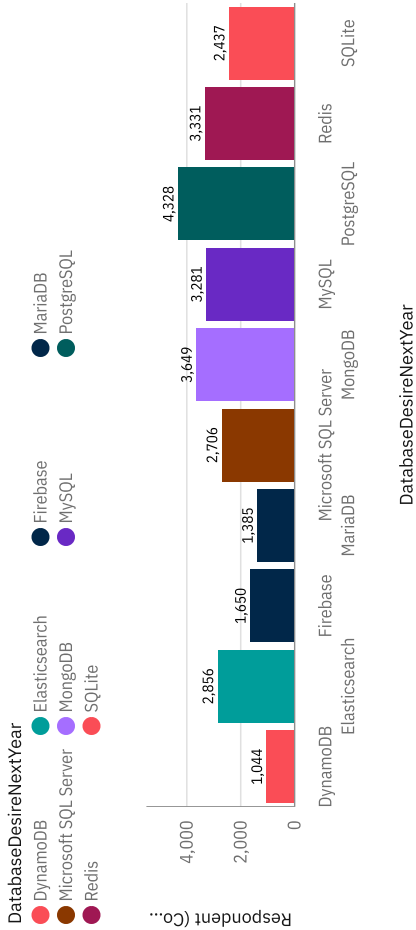
PlatformDesireNextYear sized by Respondent

Respondent (Count) ● 307 — 5,865

Respondent (Sum) 3,752,980 — 73,486,491
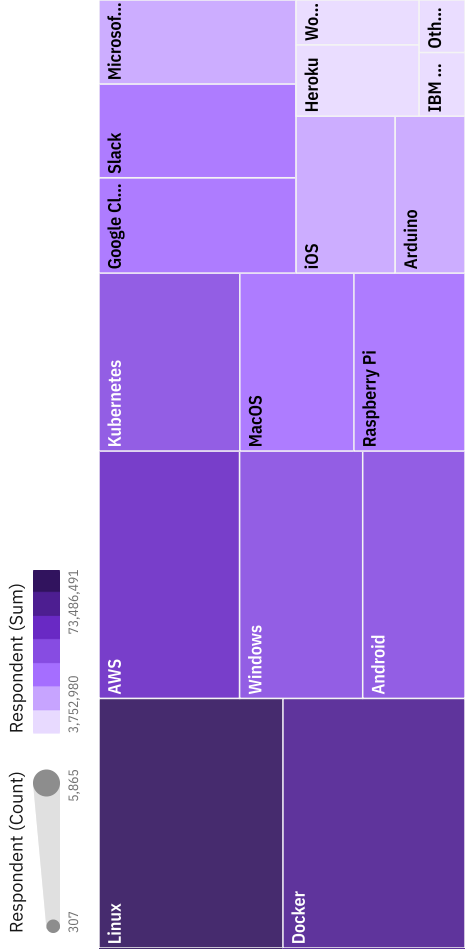
Top 10 Respondent Count by WebFrameDesireNextYear

Respondent (Count) ● 970 — 4,714

WebFrameDesireNextYear

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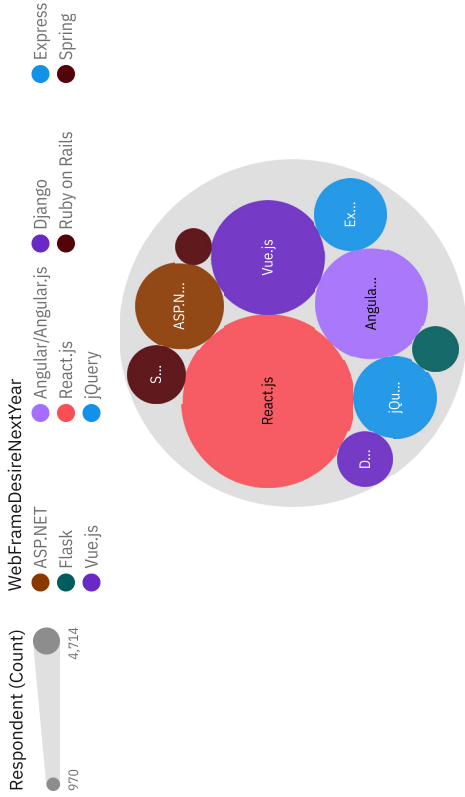
Demographics

Respondent classified by Gender

Gender
- ● Woman
- ● Man

93.5%
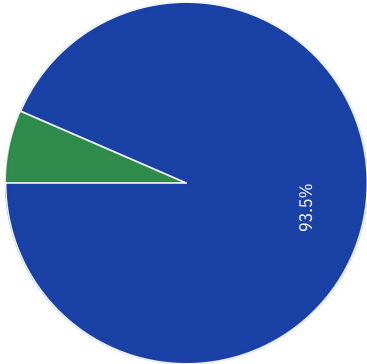
Respondent Count for Country regions

Respondent (Count)

1 — 3,127

© Mapbox © OpenStreetMap
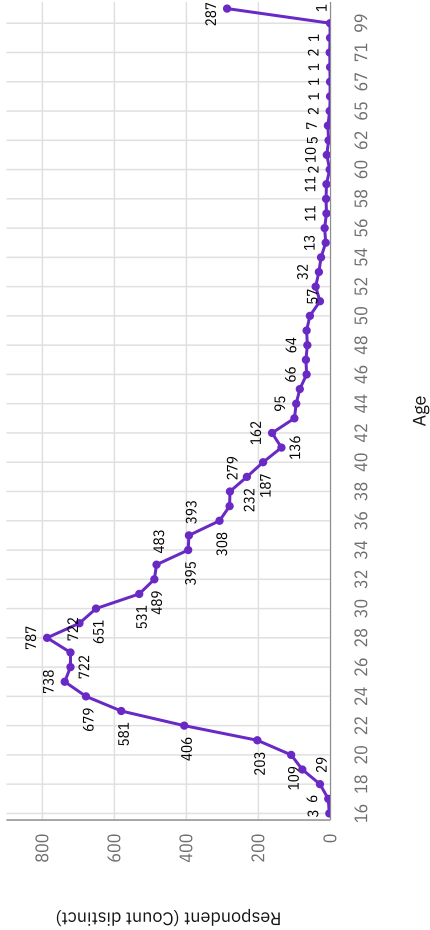
Respondent Count by Gender, classified by Formal Education Level

Formal Education Level
- ● (no value)
- ● I never completed any formal edu....
- ● Primary/elementary school
- ● Some college/university study wit...
- ● 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 ...

Gender

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

Respondent Count by Age

Respondent (Count distinct)

3 6 29 109 203 406 581 679 738 787 722 651 742 531 489 483 395 393 308 279 232 187 162 136 95 66 64 57 32 13 11 112 105 7 2 1 1 1 2 1 287 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 71 99