Current Technology Usage

Top 10 Language

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

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

(Count)

Top 10 Databases

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

Databases	Count
Elasticsearch	1,954
Firebase	1,314
MariaDB	1,709
Microsoft SQ...	4,110
MongoDB	3,016
MySQL	5,469
Oracle	1,744
PostgreSQL	4,097
Redis	2,508
SQLite	3,248

(Count)

Platforms

PlatformWorkedW...   0 — 5,811

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

Top 10 Web Frames

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 Language Desired

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

Language Desired:

Language	(Count)
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

(Count)
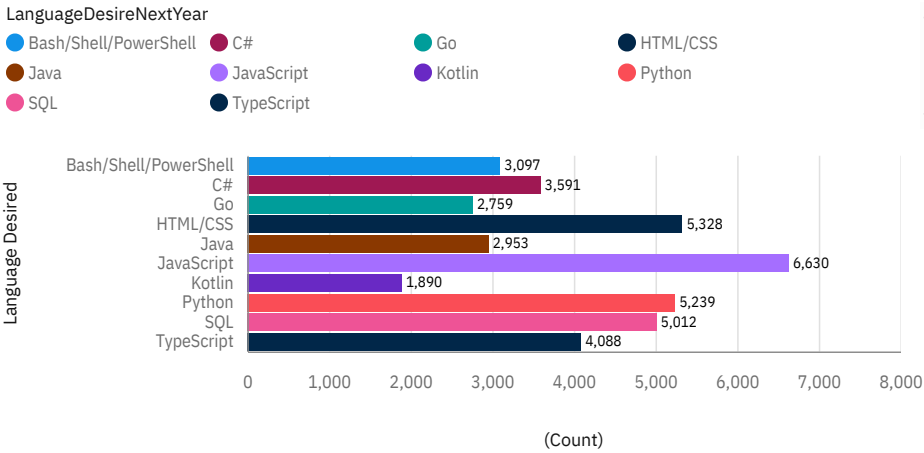
Top 10 Databases Desired

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

Database	(Count)
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

DatabaseDesire
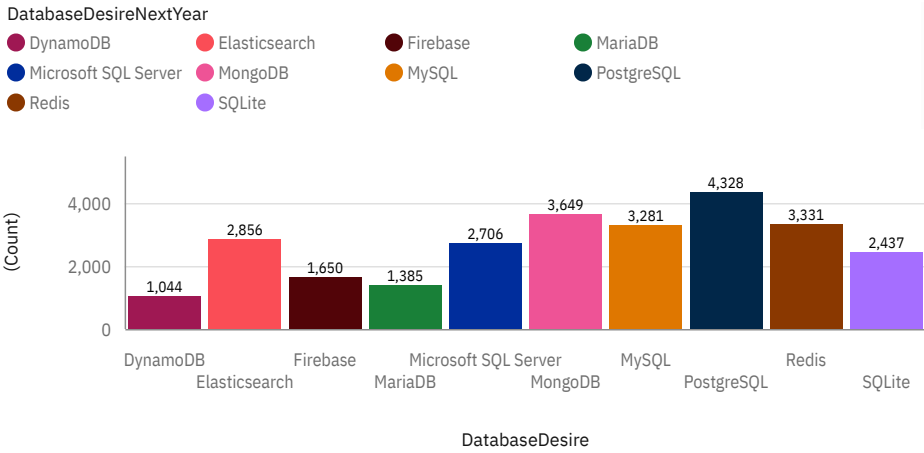
Platforms Desired hierarchy

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...
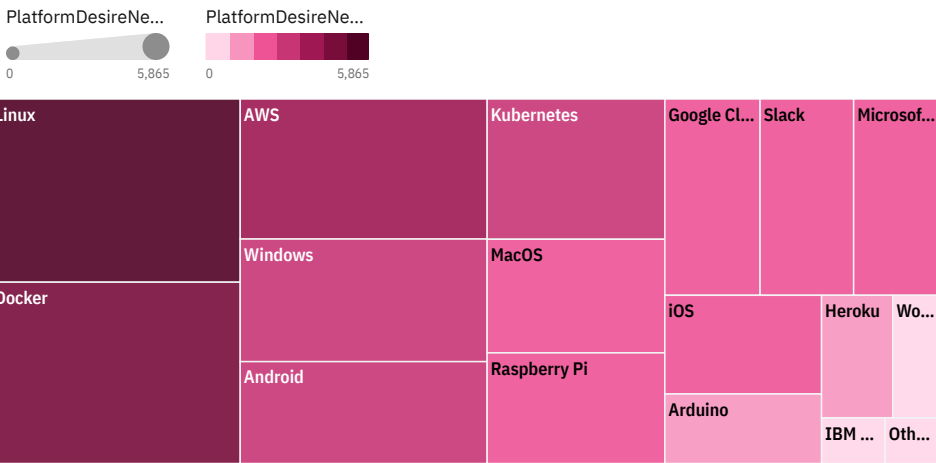
Top 10 Web Frame Desired hierarchy

WebFrameDesire... 970 — 4,714

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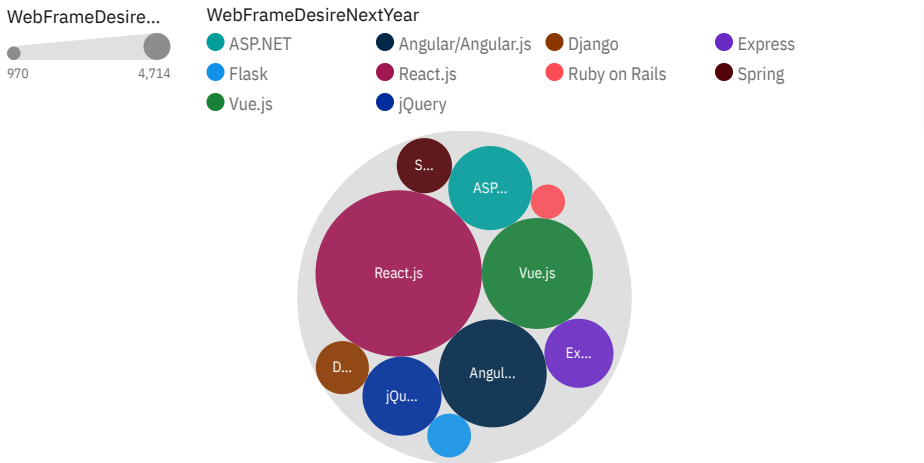
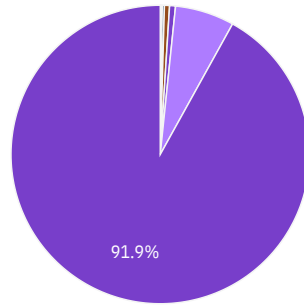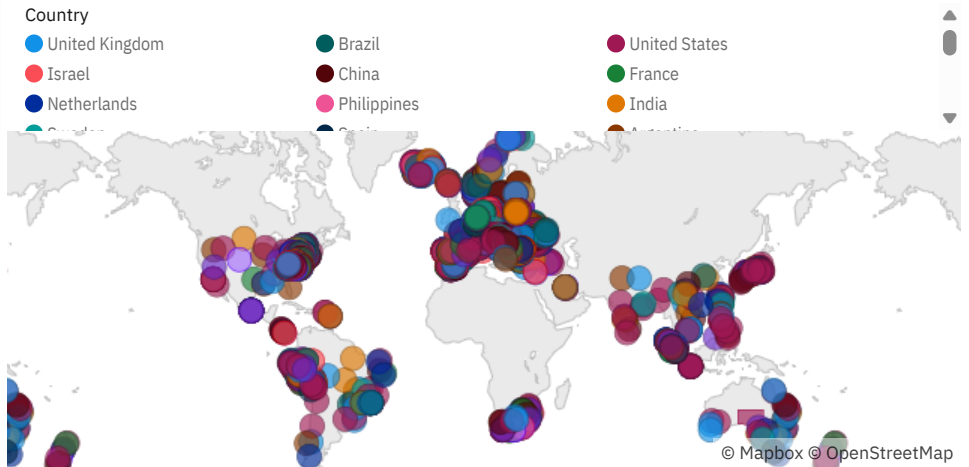# Demographics

Respondent classified by Gender

Gender
- Woman;Man;Non-binary, genderq...
- Woman;Man
- Woman;Non-binary, genderqueer, ...
- Man;Non-binary, genderqueer, or ...
- Non-binary, genderqueer, or gend...
- (no value)
- Woman
- Man

91.9%

Country for Respondent regions

Country
- United Kingdom
- Brazil
- United States
- Israel
- China
- France
- Netherlands
- Philippines
- India
- Sweden
- Spain
- Argentina

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Respondent by Age
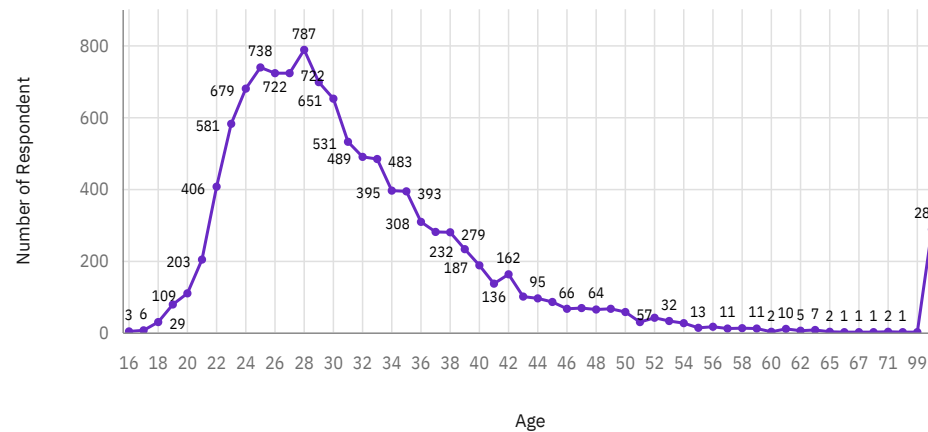
Formal Education Level against Gender

- (no value)
- Associate degree
- Bachelor's degree (BA, BS,...
- I never completed any for...
- Master's degree (MA, MS, ...
- Other doctoral degree (Ph...
- Primary/elementary school
- Professional degree (JD, M...
- Secondary school (e.g. Am...
- Some college/university st...