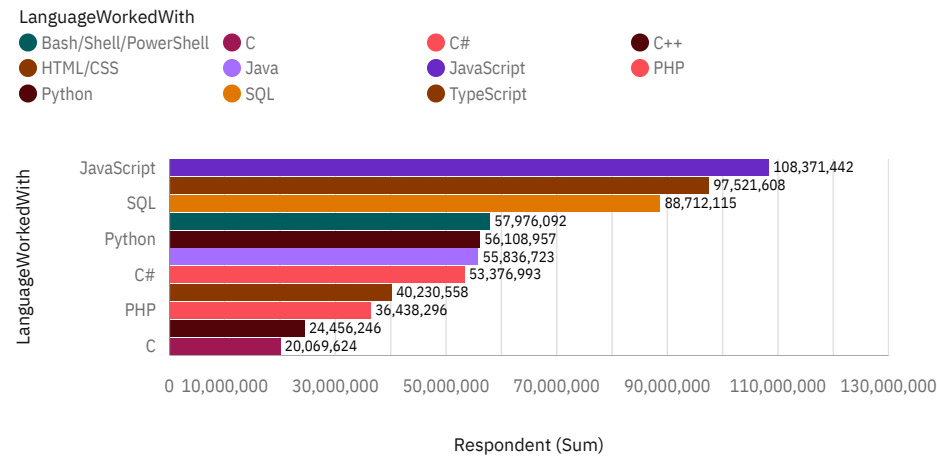## Current Technology Usage
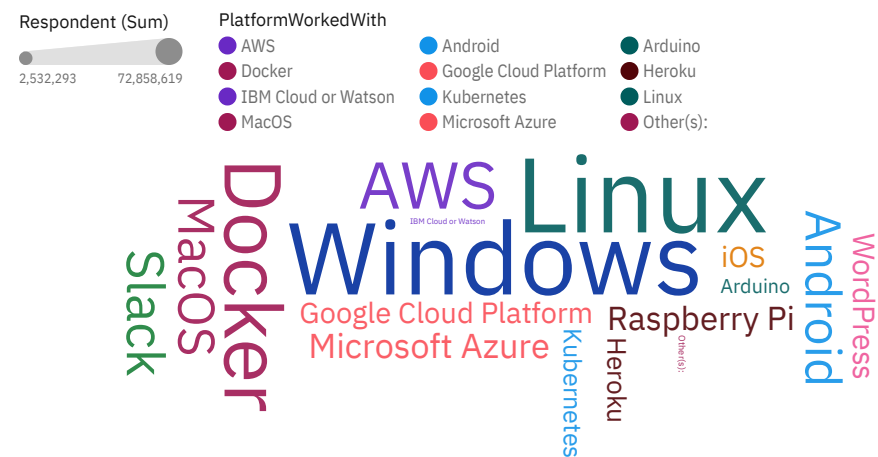
Language Usage of Respondents
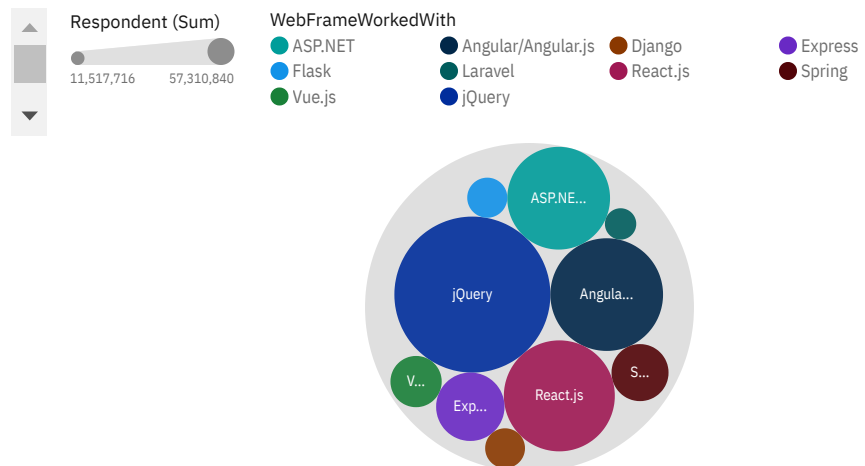
LanguageWorkedWith
- Bash/Shell/PowerShell
- C
- C#
- C++
- HTML/CSS
- Java
- JavaScript
- PHP
- Python
- SQL
- TypeScript

LanguageWorkedWith (Respondent Sum):
- JavaScript — 108,371,442
- SQL — 97,521,608 / 88,712,115
- Python — 57,976,092 / 56,108,957
- C# — 55,836,723 / 53,376,993
- PHP — 40,230,558 / 36,438,296
- C — 24,456,246 / 20,069,624

Respondent (Sum)

Database Usage by Respondents

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

Respondent (Sum):
- MySQL — 68,301,583
- PostgreSQL — 51,129,157
- Microsoft SQL Server — 51,056,094
- SQLite — 40,137,629
- MongoDB — 37,462,758
- Redis — 31,557,370
- Elasticsearch — 24,154,705
- MariaDB — 21,299,862
- Oracle — 21,247,003
- Firebase — 16,227,799

DatabaseWorkedWith

Platform Usage by Respondents

Respondent (Sum): 2,532,293 – 72,858,619

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

(Word cloud: Windows, Linux, AWS, Docker, MacOS, Slack, IBM Cloud or Watson, Android, iOS, Arduino, Google Cloud Platform, Microsoft Azure, Raspberry Pi, WordPress, Kubernetes, Heroku, Other(s):)

WebFrame Usage by Respondents

Respondent (Sum): 11,517,716 – 57,310,840

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

(Bubble chart: jQuery, ASP.NET, Angular, React.js, Express, Vue.js, Spring)

Future Technology Trend

Intended Future Language Usage of Repsondents

LanguageDesireNextYear

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

LanguageDesireNextY...	Respondent (Sum)
JavaScript	82,435,603
Python	65,819,056
HTML/CSS	65,736,854
SQL	62,270,210
TypeScript	50,369,647
C#	44,603,822
Bash/Shell/PowerShell	38,409,434
Java	36,736,341
Go	34,588,729
Kotlin	23,464,961
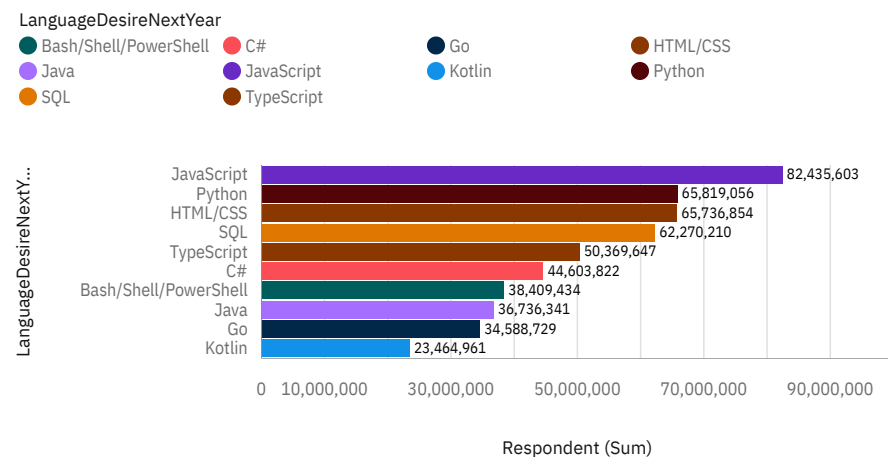
Intended Future Database Usage of Repsondents

DatabaseDesireNextYear

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

DatabaseDesireNextYear	Respondent (Sum)
PostgreSQL	53,804,386
MongoDB	45,897,489
Redis	41,370,718
MySQL	41,353,217
Elasticsearch	35,314,757
Microsoft SQL Ser...	33,649,369
SQLite	30,320,901
Firebase	20,585,232
MariaDB	17,280,016
Dyna...	12,995,539
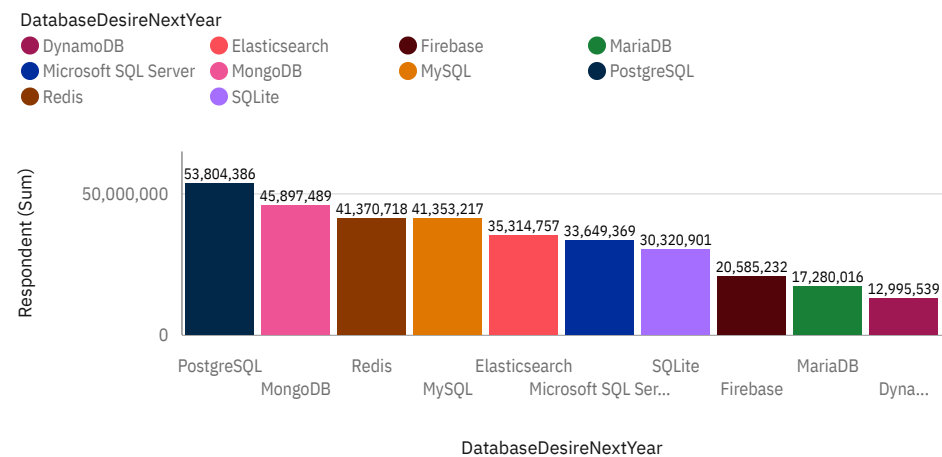
Intended Future Platform Usage of Repsondents

Respondent (Sum)
3,752,980   73,486,491

PlatformDesireNextYear

- AWS
- Android
- Arduino
- Docker
- Google Cloud Platform
- Heroku
- IBM Cloud or Watson
- Kubernetes
- Linux
- MacOS
- Microsoft Azure
- Other(s):
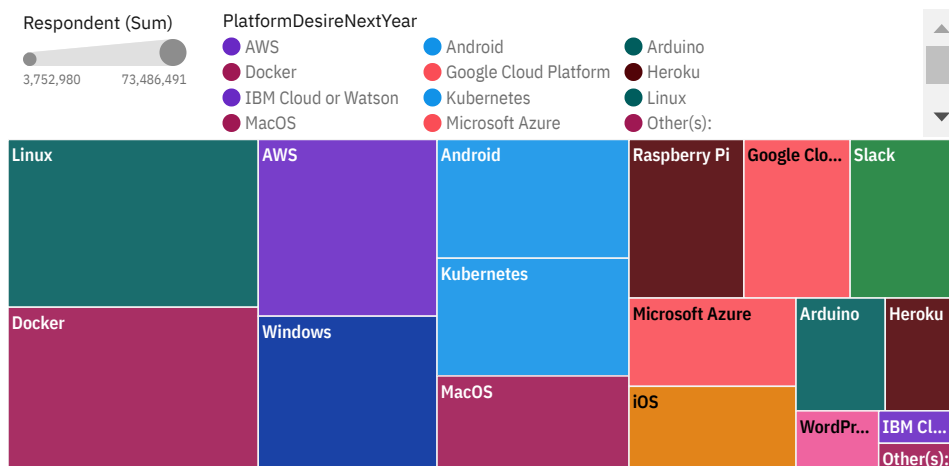
Intended Future WebFrame Usage of Repsondents

Respondent (Sum)
11,886,651   58,321,909

WebFrameDesireNextYear

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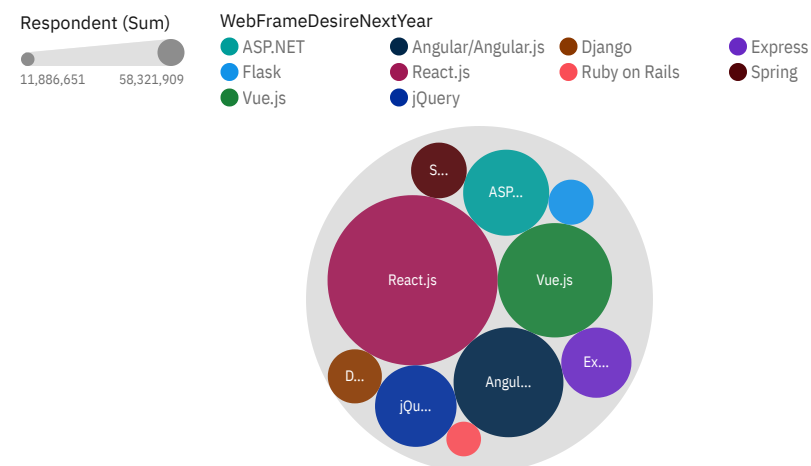
Demographics

Gender of Respondents

Gender
- 🔴 Woman;Man;Non-binary, genderq...
- 🟠 Woman;Man
- 🟢 Woman;Non-binary, genderqueer,...
- 🔵 Man;Non-binary, genderqueer, or ...
- 🟤 Non-binary, genderqueer, or gend...
- 🟣 Woman
- 🟣 Man

92.5%
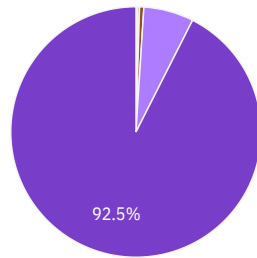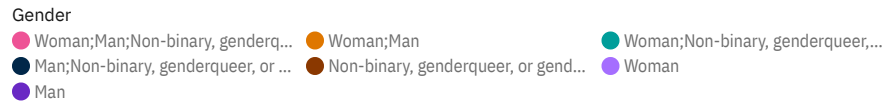
Country of Respondents

© Mapbox © OpenStreetMap
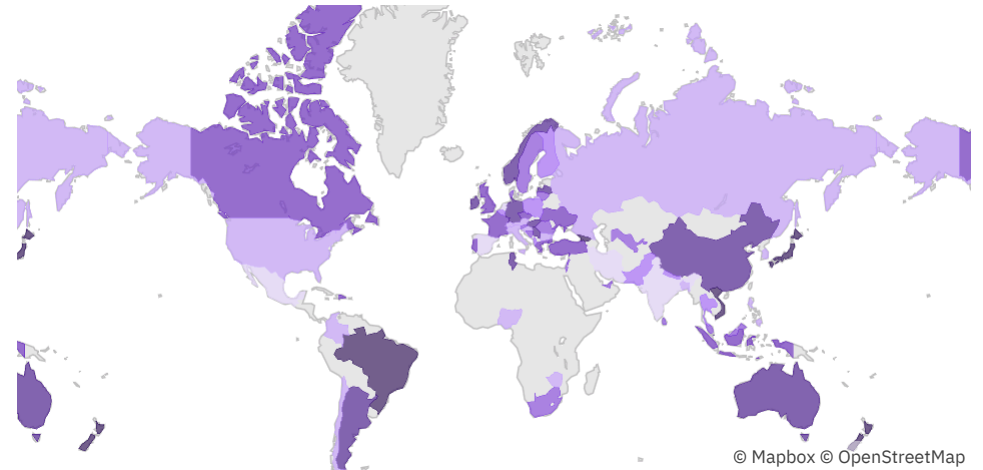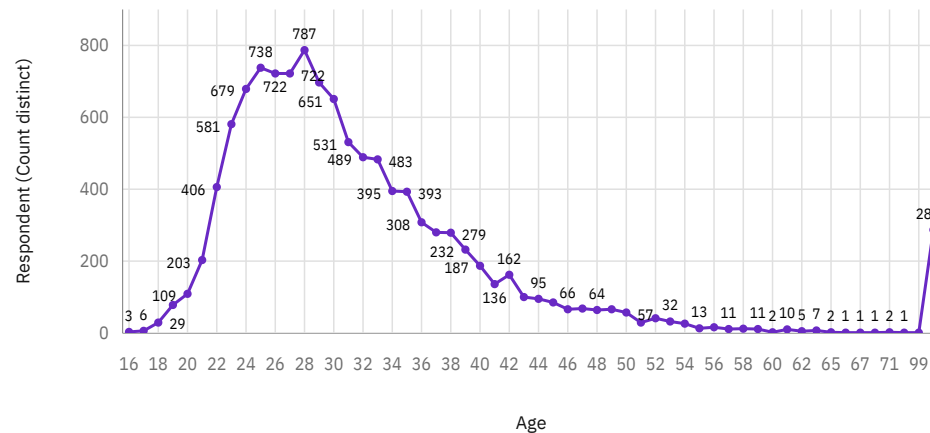
Age of Respondents

Education Level of Respondents Coloured by Gender

Gender
- 🟣 Man
- 🔵 Man;Non-binary, genderqueer, or ...
- 🟤 Non-binary, genderqueer, or gend...
- 🟣 Woman
- 🟠 Woman;Man
- 🔴 Woman;Man;Non-binary, genderq...
- 🟢 Woman;Non-binary, genderqueer,...