CURRENT TECHNOLOGY USAGE
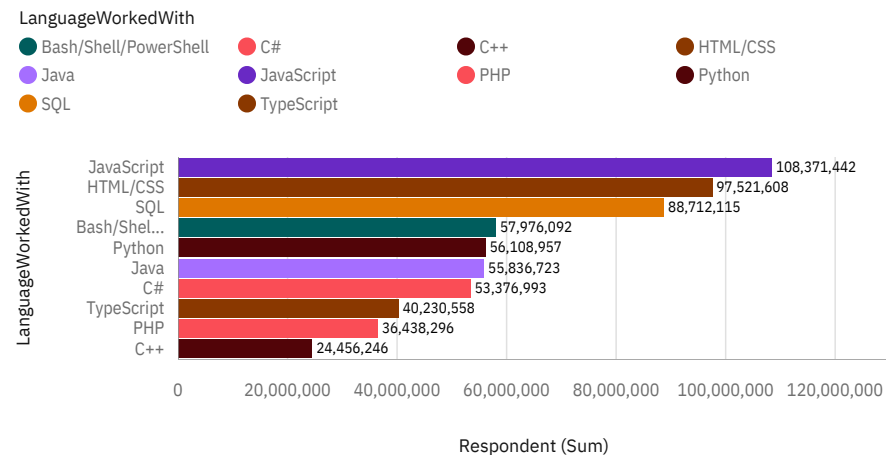
Top 10 Language Worked With

LanguageWorkedWith

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

LanguageWorkedWith	Respondent (Sum)
JavaScript	108,371,442
HTML/CSS	97,521,608
SQL	88,712,115
Bash/Shel...	57,976,092
Python	56,108,957
Java	55,836,723
C#	53,376,993
TypeScript	40,230,558
PHP	36,438,296
C++	24,456,246

Database Worked With

DatabaseWorkedWith

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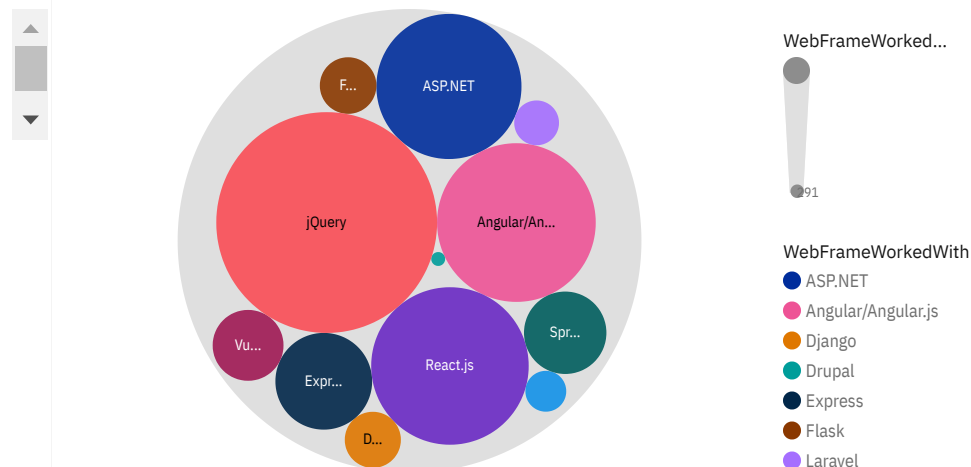- ● Microsoft SQL Server
- ● MongoDB
- ● MySQL
- ● Oracle
- ● PostgreSQL
- ● Redis
- ● SQLite

DatabaseWorkedWith	Respondent (Sum)
MySQL	68,301,583
PostgreSQL	51,129,157
Microsoft SQL S...	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

Platform Interactions

PlatformWorkedWith

- ● AWS
- ● Android
- ● Arduino
- ● Docker
- ● Google Cloud Platform
- ● Heroku
- ● IBM Cloud or Watson
- ● Kubernetes
- ● Linux
- ● MacOS
- ● Microsoft Azure
- ● Raspberry Pi
- ● Slack
- ● Windows
- ● WordPress
- ● iOS

Kubernetes MacOS Slack WordPress AWS IBM Cloud or Watson Google Cloud Platform Raspberry Pi Windows Docker Microsoft Azure Linux Arduino iOS Android Heroku

WebFrame Worked With

WebFrameWorked...

WebFrameWorkedWith

- ● ASP.NET
- ● Angular/Angular.js
- ● Django
- ● Drupal
- ● Express
- ● Flask
- ● Laravel

FUTURE TECHNOLOGY TREND

Top 10 Desired Languages to Learn Next Year

LanguageDesireNextYear

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

Language	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
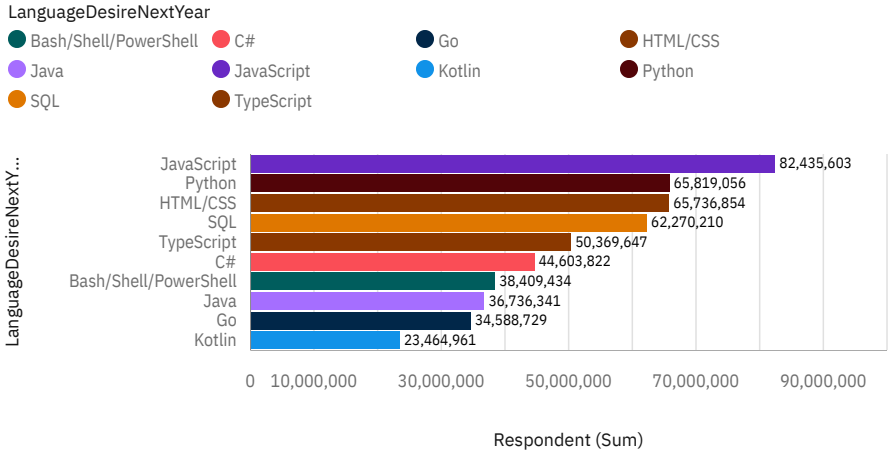
Desired Database to Learn Next Year

DatabaseDesireNextYear

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

Database	Respondent (Sum)
PostgreSQL	53,804,386
MongoDB	45,897,489
Redis	41,370,718
MySQL	41,353,217
Elasticsearch	35,314,757
Microsoft SQL Server	33,649,369
SQLite	30,320,901
Firebase	20,585,232
MariaDB	17,280,016
Dynamo...	12,995,539
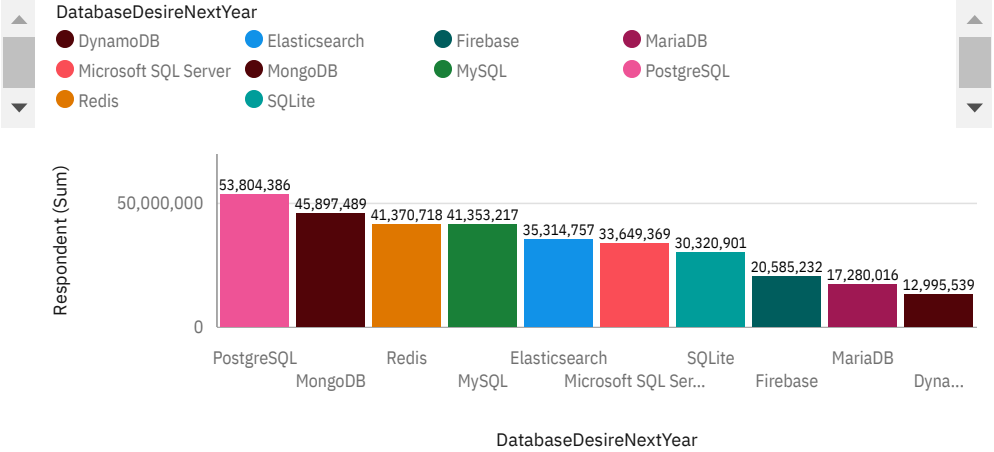
Desired Platform Next Year

Top 10 Desired Web Frame

1,886,651

- ASP.NET
- React.js
- Angula...
- Ruby o...
- Django
- Spring
- Express
- Vue.js
- Flask
- jQuery
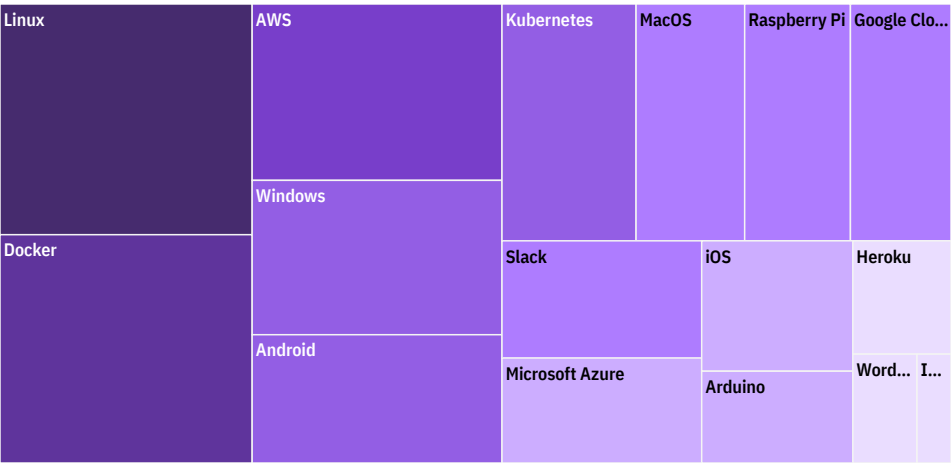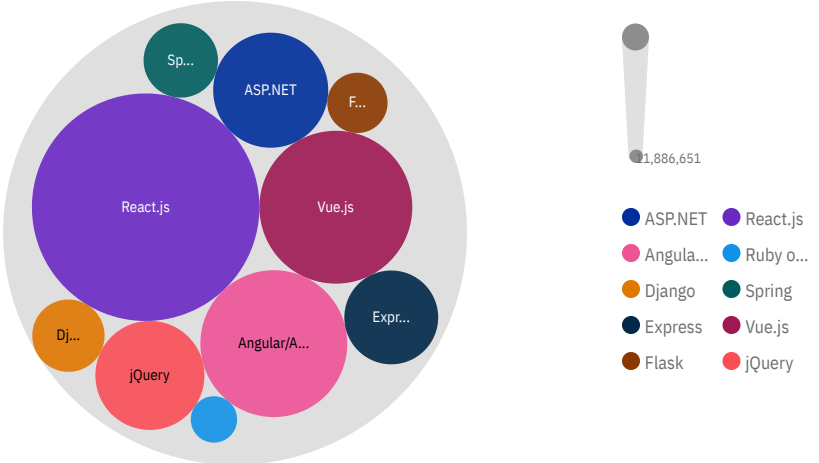
DEMOGRAPHICS

Respondent by Gender

Gender
- Woman
- Man

6.5%

93.5%
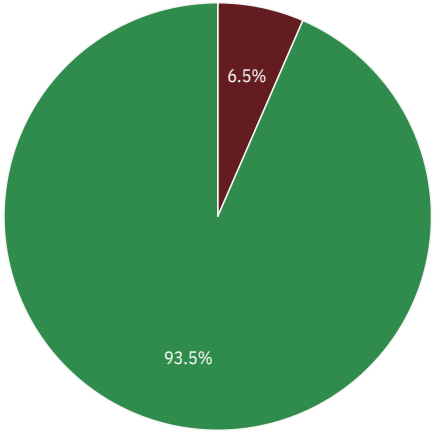
Respondent Locations

© Mapbox © OpenStreetMap
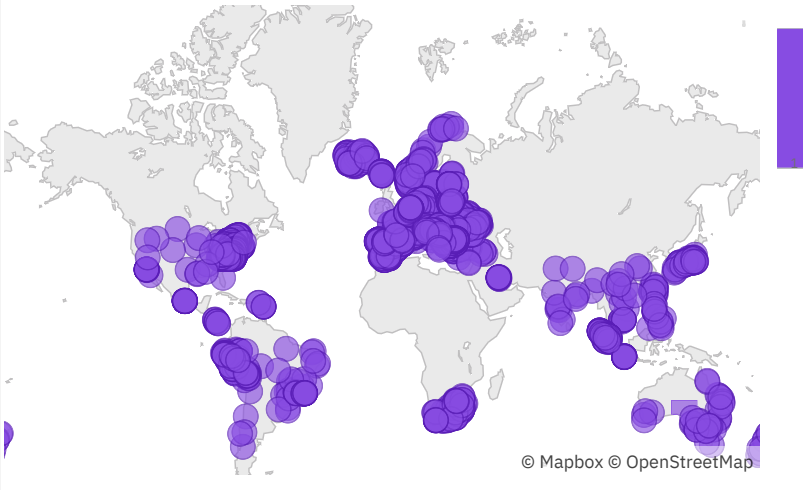
Respondent by Age

Respondent (Count)

800 —
600 —
400 —
200 —
0 —

Values along curve: 3, 6, 29, 109, 203, 406, 581, 679, 722, 738, 787, 722, 651, 531, 489, 395, 483, 308, 393, 232, 187, 279, 136, 162, 95, 66, 64, 57, 32, 13, 11, 11, 2, 10, 5, 7, 2, 1, 1, 1, 2, 1, 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
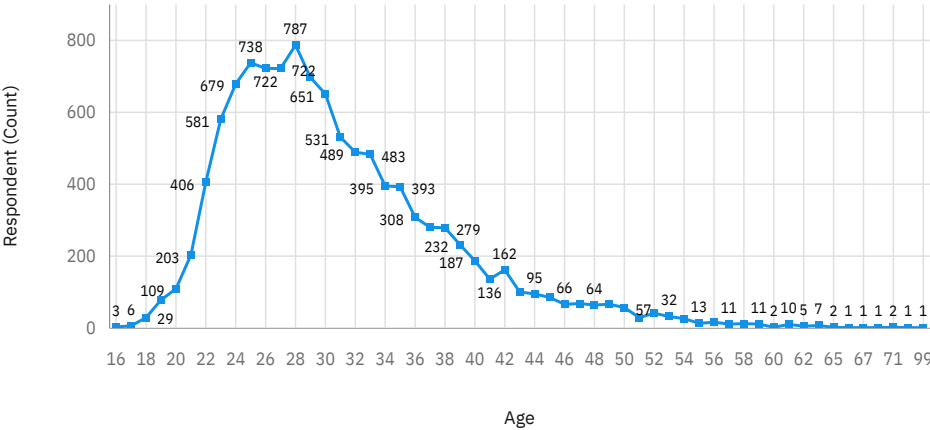
Respondent Count by Gender, Classified by Formal Education Level

Gender

Man — 5,341 | 2,484 | 1,280

Woman

Respondent (Count): 0, 2,000, 4,000, 6,000, 8,000, 10,000

EdLevel
- Associate degree
- Bachelor's degree (BA, B...
- I never completed any for...
- Master's degree (MA, MS, ...
- Other doctoral degree (Ph...
- Primary/elementary school
- Professional degree (JD, ...
- Secondary school (e.g. A...
- Some college/university s...