Current Technology Usage
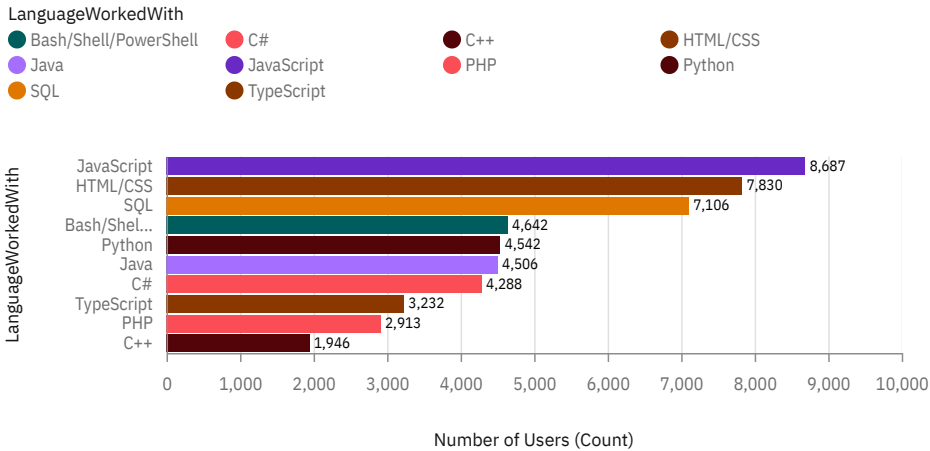
Top 10 Programming Languages Utilized

LanguageWorkedWith

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

Horizontal bar chart — 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

DatabaseWorkedWith

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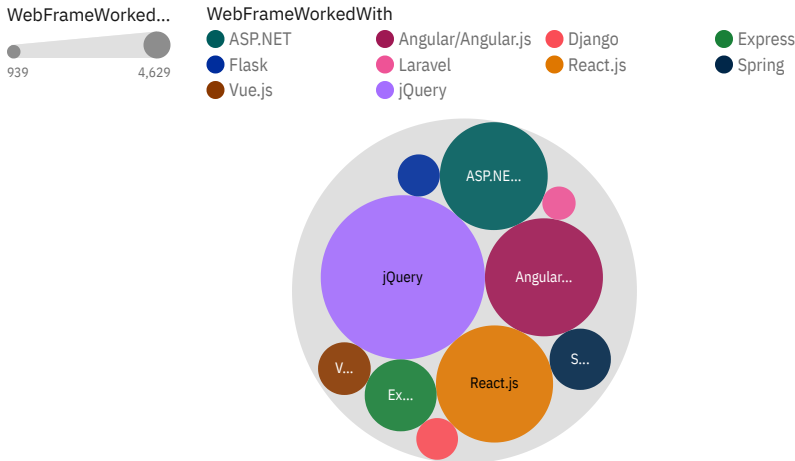- ● MySQL
- ● Oracle
- ● PostgreSQL
- ● Redis
- ● SQLite

Bar chart — DatabaseWorkedWith:
- MySQL: 5,469
- Microsoft SQL Se...: 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

PlatformWorkedW...   0 — 5,811

PlatformWorkedWith

- ● (no value)
- ● AWS
- ● Android
- ● Arduino
- ● Docker
- ● Google Cloud Platform
- ● Heroku
- ● IBM Cloud or Watson
- ● Kubernetes
- ● Linux
- ● MacOS
- ● Microsoft Azure

Top 10 Web Frameworks Used

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 Languages Desired Next Year

LanguageDesireNextYear

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

LanguageDesireNextYear (Count)

LanguageDesireNextYear	Count
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
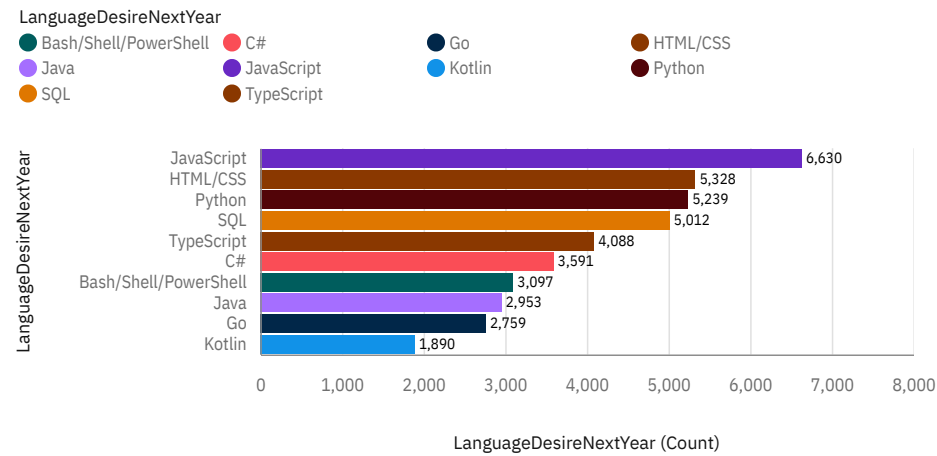
Top 10 Databases Desired Next Year

DatabaseDesireNextYear

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

DatabaseDesireNextYear

Database	Count
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
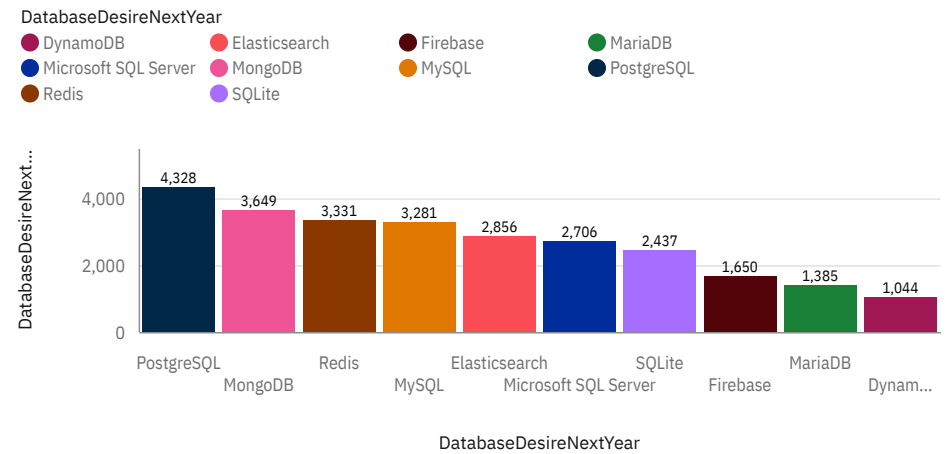
Platforms Desired Next Year

PlatformDesireNe...   0 — 5,865

PlatformDesireNextYear

- ● (no value)   ● AWS   ● Android
- ● Arduino   ● Docker   ● Google Cloud Platform
- ● Heroku   ● IBM Cloud or Watson   ● Kubernetes
- ● Linux   ● MacOS   ● Microsoft Azure
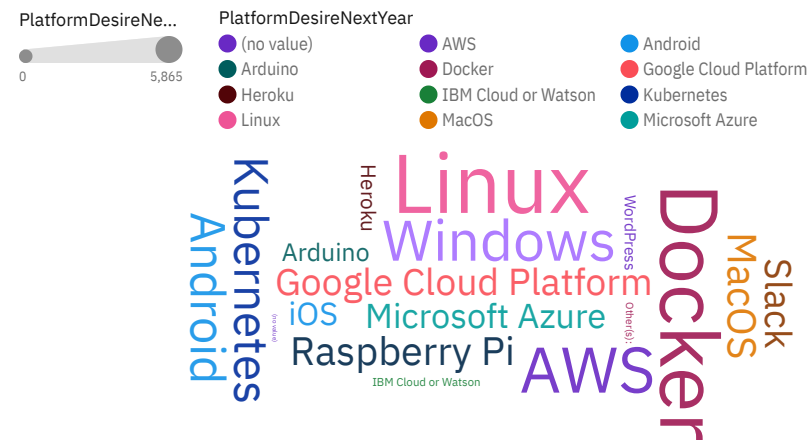
Web Frameworks Desired Next Year

WebFrameDesire...   0 — 4,714

WebFrameDesireNextYear

- ● (no value)   ● ASP.NET   ● Angular/Angular.js   ● Django
- ● Drupal   ● Express   ● Flask   ● Laravel
- ● Other(s):   ● React.js   ● Ruby on Rails   ● Spring
- ● Vue.js   ● jQuery
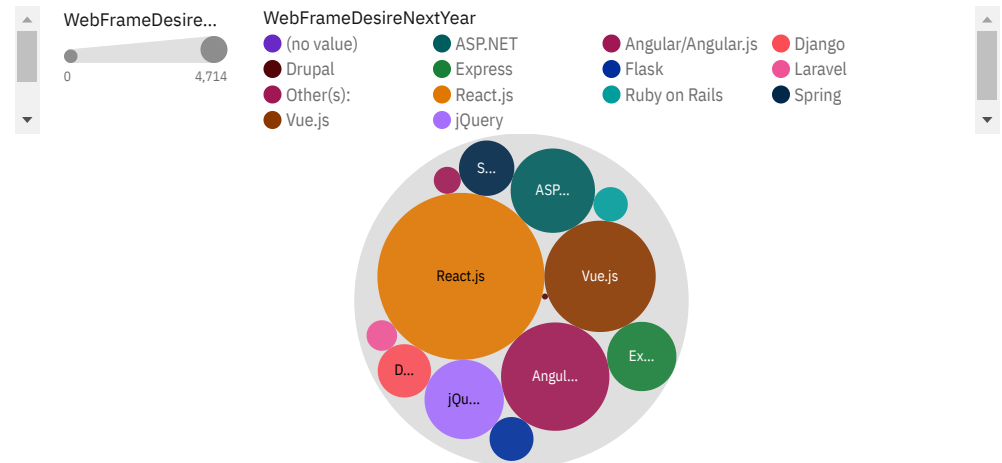
Demographics

Respondent by Gender

Gender
● Woman ● Man

93.5%
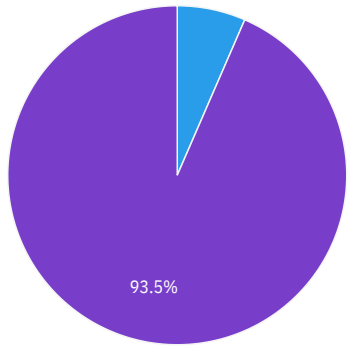
Number of Respondents Around The Globe

Respondent (Count)

1   3,058

© Mapbox © OpenStreetMap
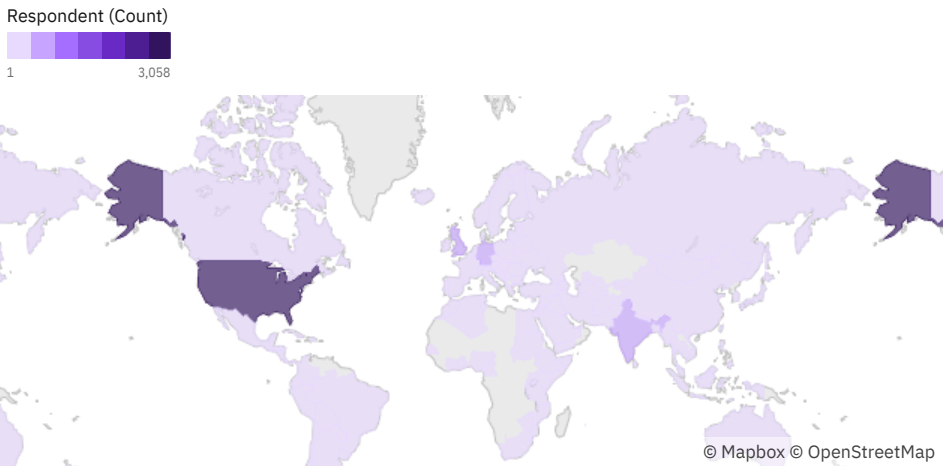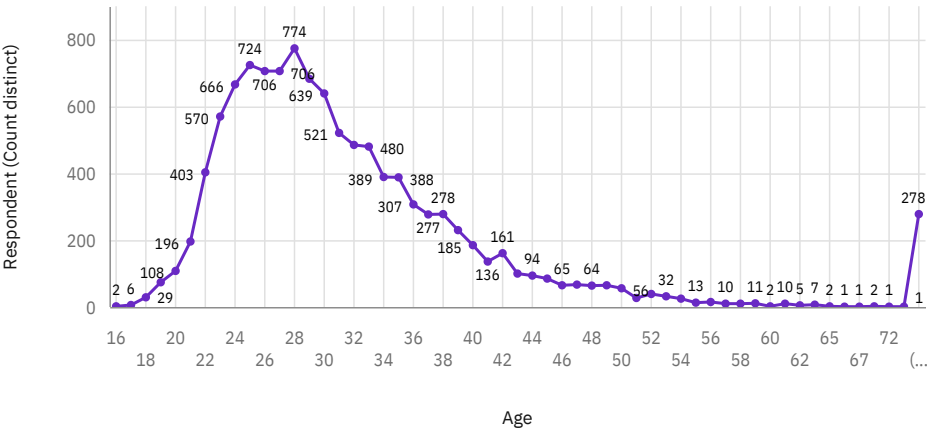
Respondent by Age

Respondent by Gender colored by Education Level

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