Current Technology Usage
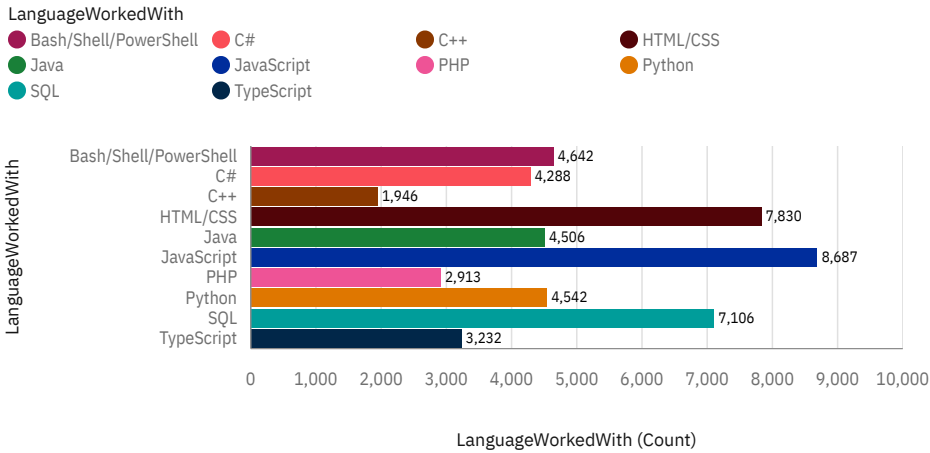
Top 10 most used Programing Languages

LanguageWorkedWith

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

LanguageWorkedWith	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

LanguageWorkedWith (Count)

Top 10 Most used Databases

DatabaseWorkedWith

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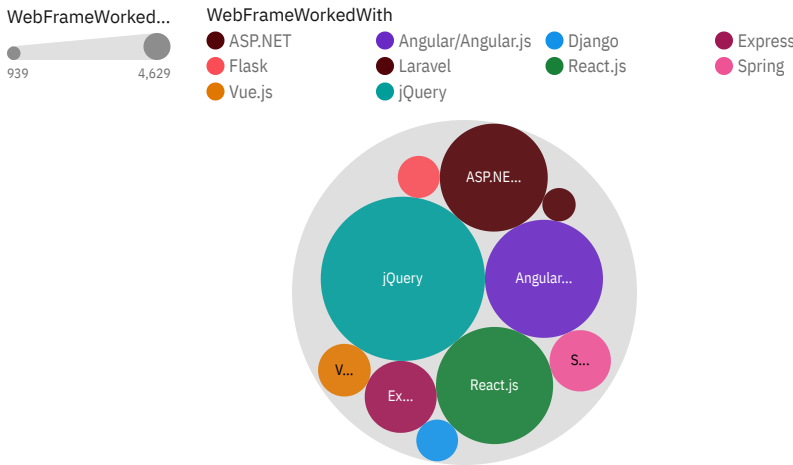- ● SQLite

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

DatabaseWorkedWith

Most Popular Platforms

PlatformWorkedW...

215 — 5,811

PlatformWorkedWith

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

Most used Web frames

WebFrameWorked...

939 — 4,629

WebFrameWorkedWith

- ● ASP.NET
- ● Angular/Angular.js
- ● Django
- ● Express
- ● Flask
- ● Laravel
- ● React.js
- ● Spring
- ● Vue.js
- ● jQuery
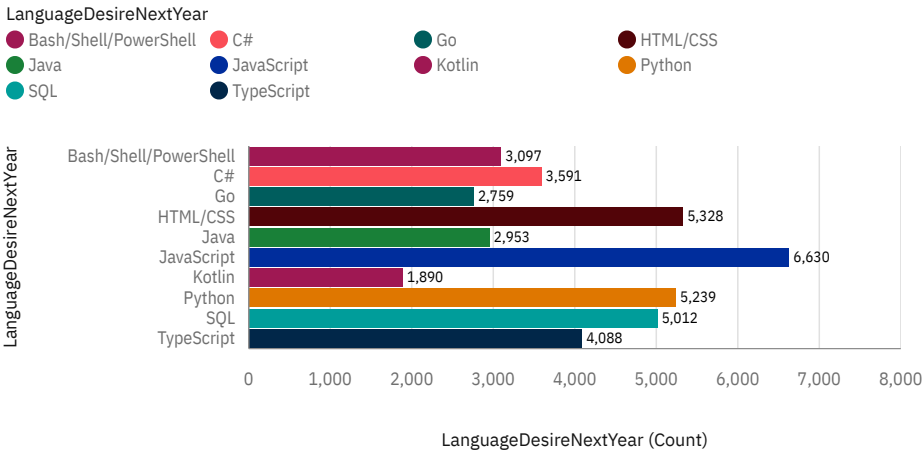
Future technology Usage

Predicted most desired programming languages for next year

LanguageDesireNextYear

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

Horizontal bar chart — LanguageDesireNextYear (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

Predicted most desired Databases for next year

DatabaseDesireNextYear

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

Column chart — DatabaseDesireNextYear:
- 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
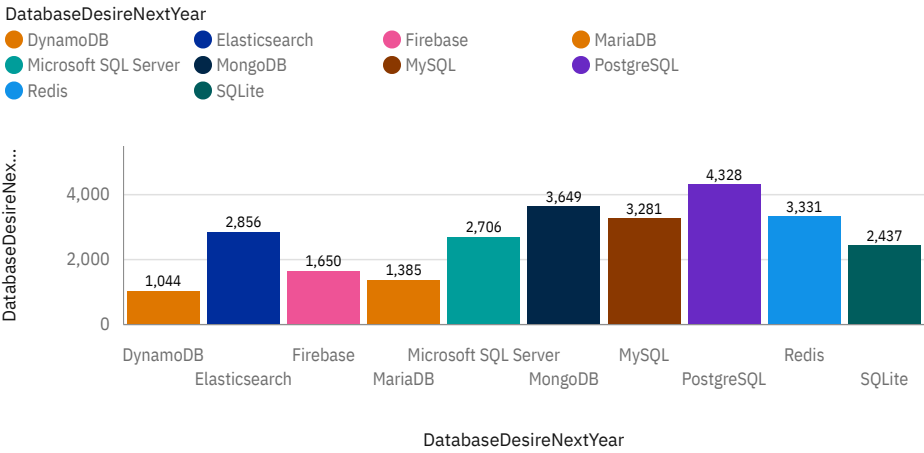
Most desired platform for next year

PlatformDesireNe... 0 — 5,865
PlatformDesireNe... 0 — 5,865

Treemap — Linux, Docker, AWS, Windows, Android, Kubernetes, MacOS, Raspberry Pi, Google Cl..., Slack, iOS, Arduino, Heroku, IBM ..., Microsof..., Wo..., Oth...
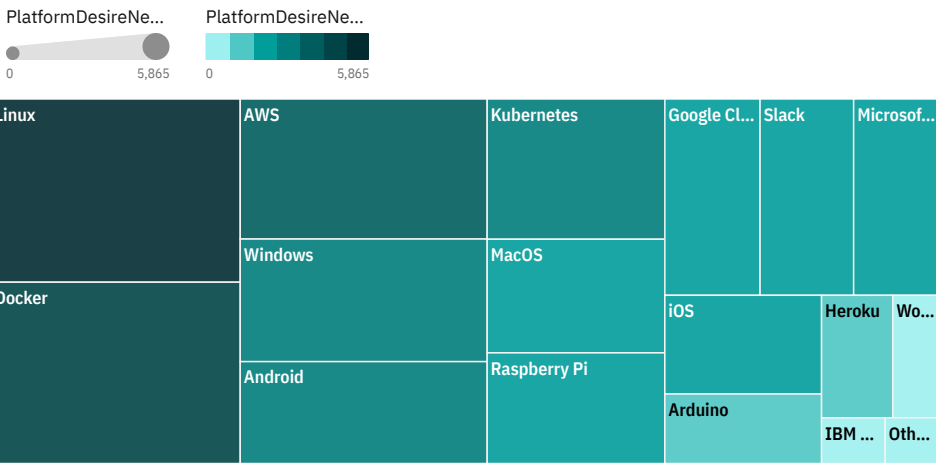
Most desired WebFrame for next year

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

Bubble chart — React.js, Vue.js, Angul..., ASP..., jQu..., D..., Ex..., S...
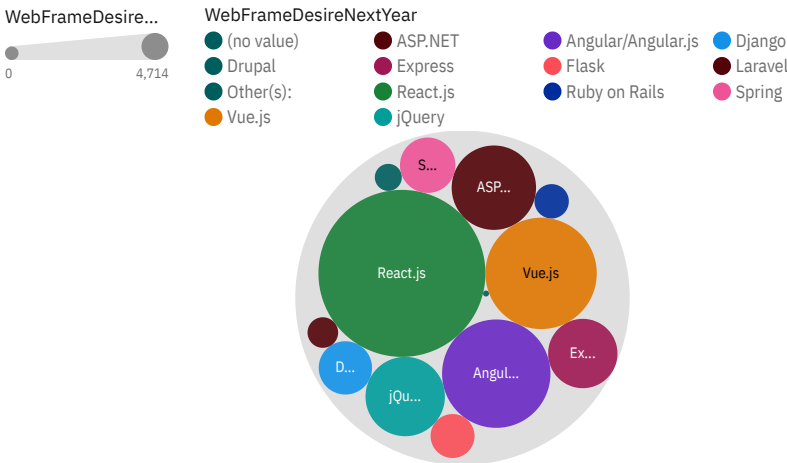
Demographics

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...
- 🟦 (no value)
- 🟠 Woman
- 🟢 Man

91.9%
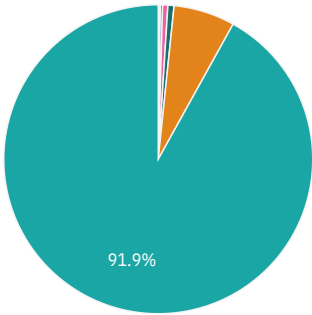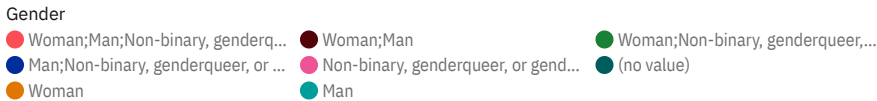
Number of respondents in Each Region

Respondent
- 🔵 16 🟤 17 🟢 19 🟣 24 🟢 49 🔵 50 🟢 53 🔴 57 🔴 62 🟣 67 🔵 68 🔵 86 🟢 87 🟣 92
- 🔴 109 🟤 111 🟢 114 🔵 117 🟣 118 🟢 119 🟢 140 🔴 144 🔴 163 🟣 174 🔵 176 🔵 188 🟢 201 🟣 211
- 🔴 213 🟤 217 🟢 219 🔵 224 🟣 241 🟢 246 🟢 254 🔴 259 🔴 268 🟣 279 🔵 304 🔵 305 🟢 310 🟣 326
- 🔴 330 🟤 332 🟢 351 🔵 373 🟣 374 🟢 383 🟢 388 🔴 400 🔴 401 🟣 402 🔵 410 🔵 416 🟢 426 🟣 427

© Mapbox © OpenStreetMap

Number of Respondents by Age

Age values: 3, 6, 29, 109, 203, 406, 581, 679, 722, 738, 787, 722, 651, 531, 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, 287, 1
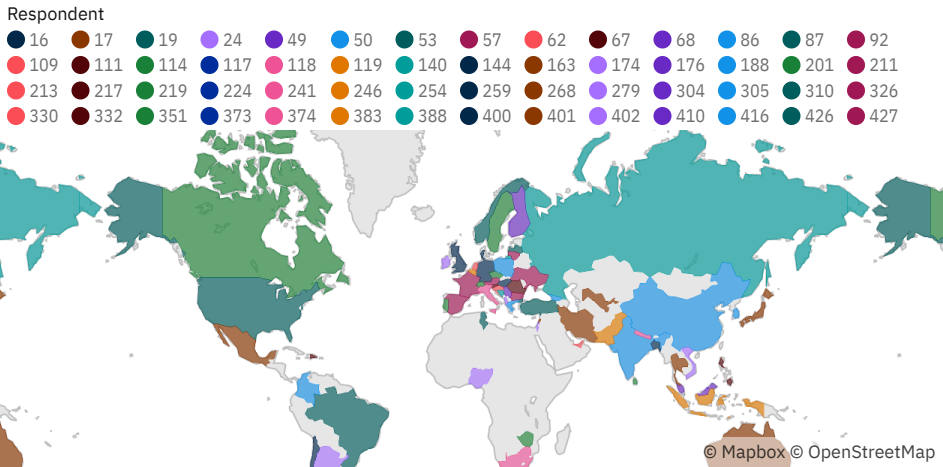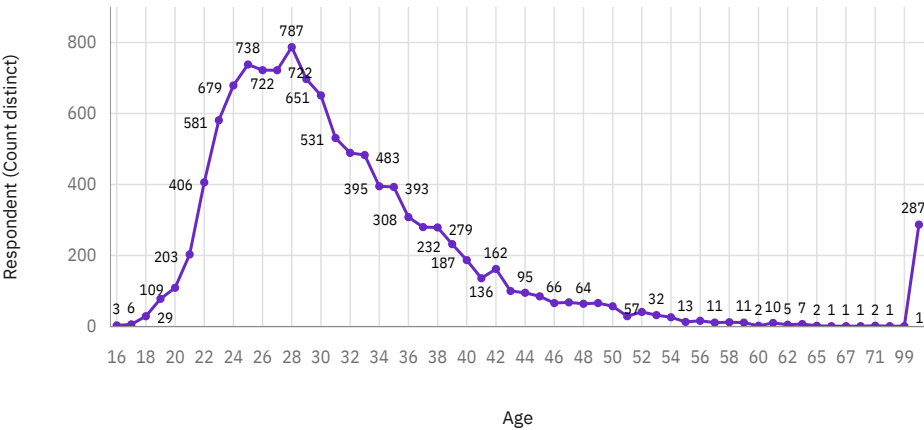
Formal Education of Respondents classified by Gender

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

EdLevel	Respondent (Count distinct)
Associate degree	
Bachelor's degree (BA, BS, B.Eng., etc.)	5,341 / 412
I never completed any formal education	
Master's degree (MA, MS, M.Eng., MBA, etc.)	2,484
Other doctoral degree (Ph.D, Ed.D., etc.)	
Primary/elementary school	
Professional degree (JD, MD, etc.)	
Secondary school (e.g. American high school, German R...	482
Some college/university study without earning a degree	1,280