Current Technology Usage
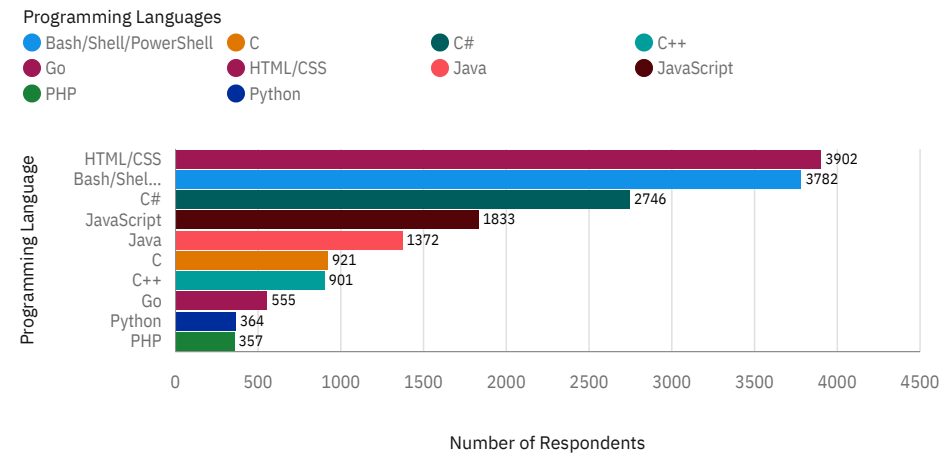
Top 10 Most Used Programming Languages

Programming Languages
- Bash/Shell/PowerShell
- C
- C#
- C++
- Go
- HTML/CSS
- Java
- JavaScript
- PHP
- Python

Programming Language	Number of Respondents
HTML/CSS	3902
Bash/Shel...	3782
C#	2746
JavaScript	1833
Java	1372
C	921
C++	901
Go	555
Python	364
PHP	357

Top 10 Most Used DataBase Systems

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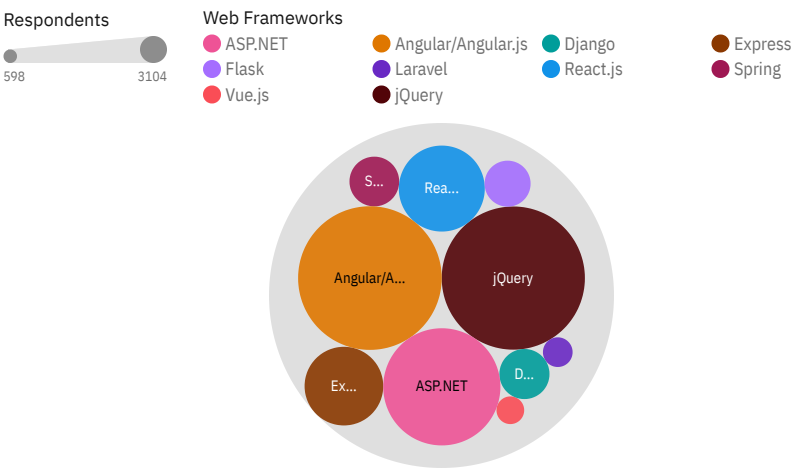- PostgreSQL
- Redis
- SQLite

DataBase System	Number of Responses
MySQL	3060
Microsoft SQL Server	3034
MongoDB	2272
PostgreSQL	1809
Elasticsearch	1650
MariaDB	1410
Firebase	1076
SQLite	753
DynamoDB	750
Redis	717

Platforms Used

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

Top 10 Most Used Web Frameworks

Respondents 598 — 3104

Web Frameworks
- ASP.NET
- Angular/Angular.js
- Django
- Express
- Flask
- Laravel
- React.js
- Spring
- Vue.js
- jQuery
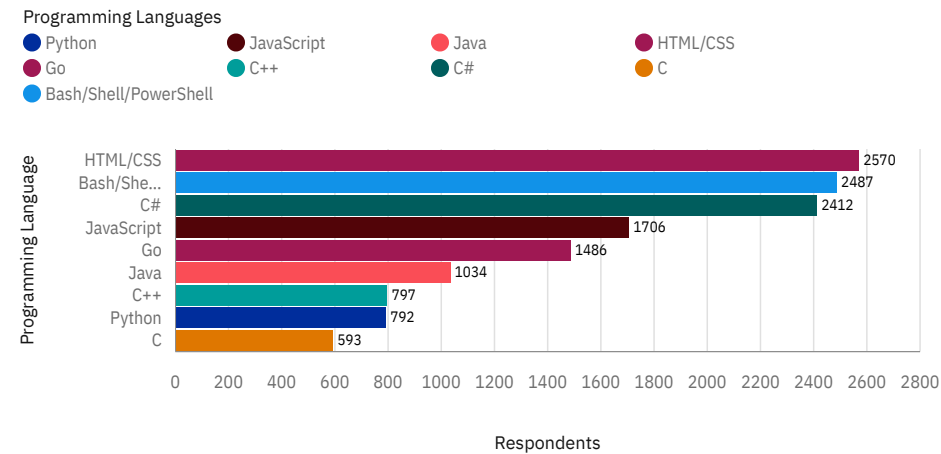
Future Technology Trend

Top 10 Programming Languages that Respondents intend to learn next year

Programming Languages
- ● Python
- ● JavaScript
- ● Java
- ● HTML/CSS
- ● Go
- ● C++
- ● C#
- ● C
- ● Bash/Shell/PowerShell

Programming Language	Respondents
HTML/CSS	2570
Bash/She...	2487
C#	2412
JavaScript	1706
Go	1486
Java	1034
C++	797
Python	792
C	593

Top 10 DataBase Systems that Respondents intend to use next year

DataBase Systems
- ● Cassandra
- ● DynamoDB
- ● Elasticsearch
- ● Firebase
- ● MariaDB
- ● Microsoft SQL Server
- ● MongoDB
- ● MySQL
- ● PostgreSQL
- ● Redis

DataBase System	Respondents
Elasticsearch	2200
MongoDB	2190
PostgreSQL	1884
Microsoft SQL Server	1622
MySQL	1436
Firebase	1170
MariaDB	955
Cassandra	861
Redis	845
Dynam...	841
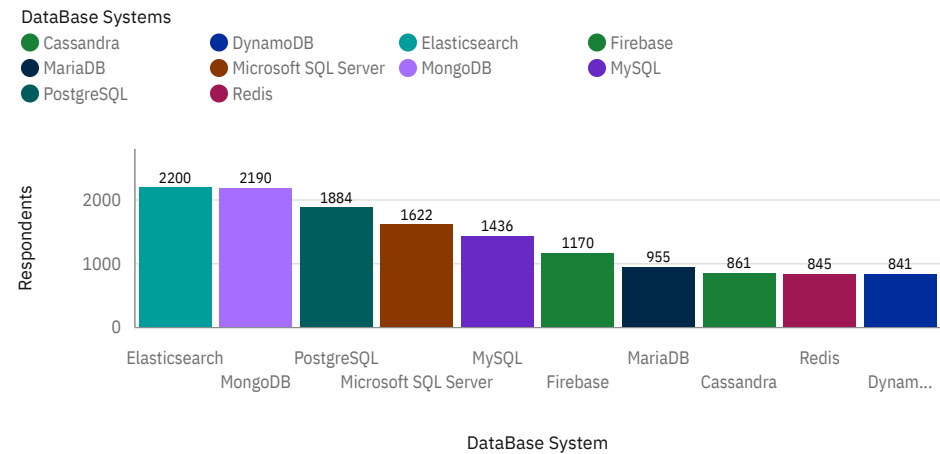
Top 10 Platforms that Respondents intend to use next year

Respondents

Platforms
- ● AWS
- ● Android
- ● Arduino
- ● Docker
- ● Google Cloud Platform
- ● Heroku
- ● IBM Cloud or Watson
- ● Kubernetes

Docker
Android
Linux
Arduino
AWS
Google Cloud Pla...
Windows
Micros...
Mac...
Kubernetes
iOS
Heroku
Raspberr...
IB...
Slack
W...
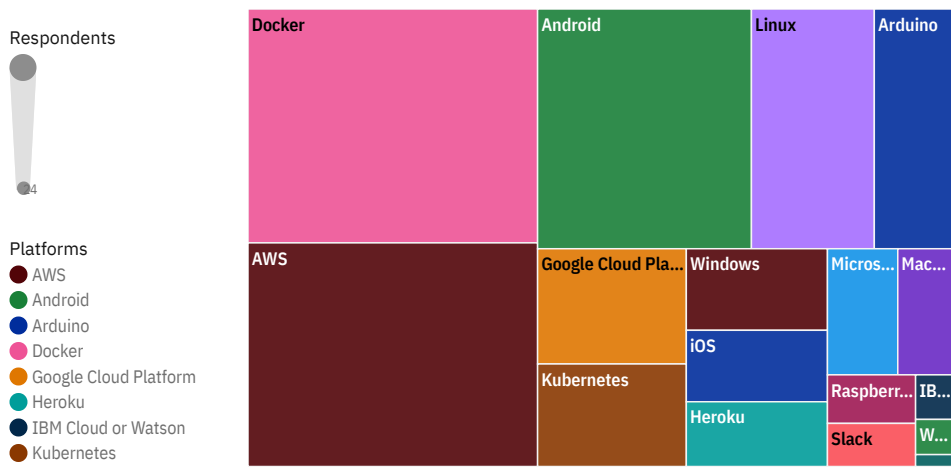
Top 10 Web Frameworks that Respondents intend to use next year

Respondents

32

Web Frameworks
- ● jQuery
- ● Express
- ● Vue.js
- ● Django
- ● Spring
- ● Angul...
- ● React.js
- ● ASP.NET
- ● Flask

Vu...
Express
Fl...
Angular/Angular.js
React.js
S...
jQuery
ASP.NET
Djan...
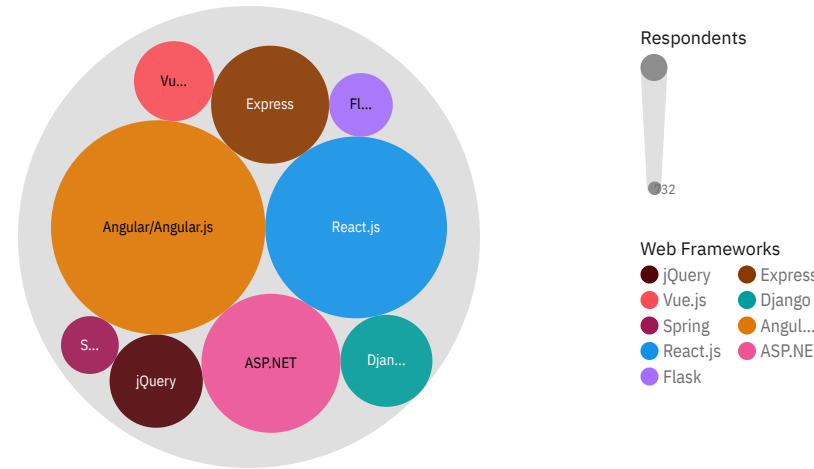
Demographics

Percentage of Respondents by Gender

Gender
- Woman
- Man

93,5 %

Respondents by Country

Country - Respondent
- United Kingdom | 16
- Australia | 17
- Brazil | 19
- Israel | 24
- Serbia | 49
- India | 50
- United States | 53
- France | 57
- Netherlands | 62
- Australia | 67
- India | 68
- China | 86
- Brazil | 87
- Austria | 92
- Croatia | 109
- United States | 111
- Canada | 114

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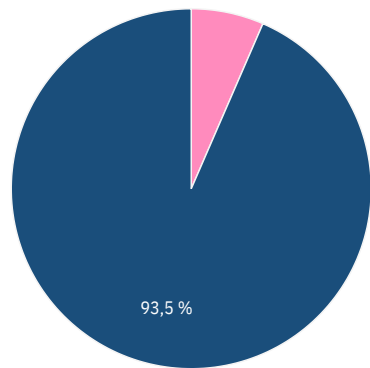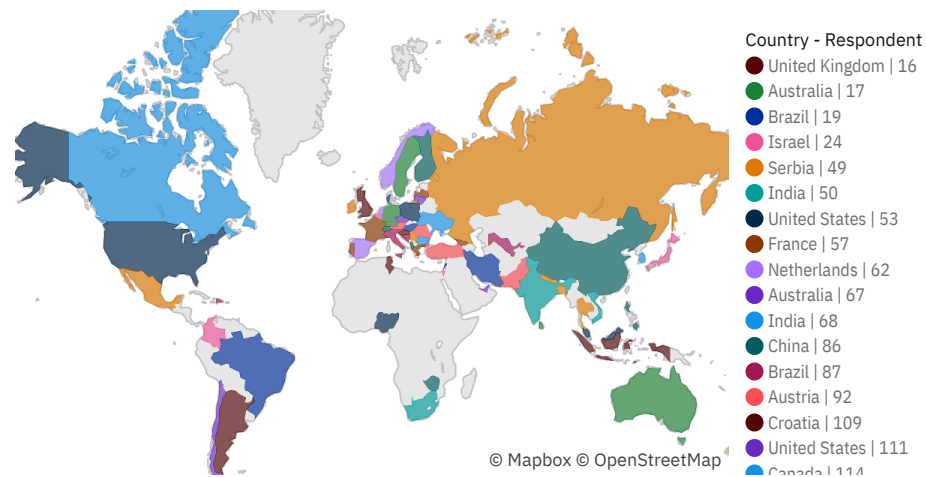
Number of Respondents by Age
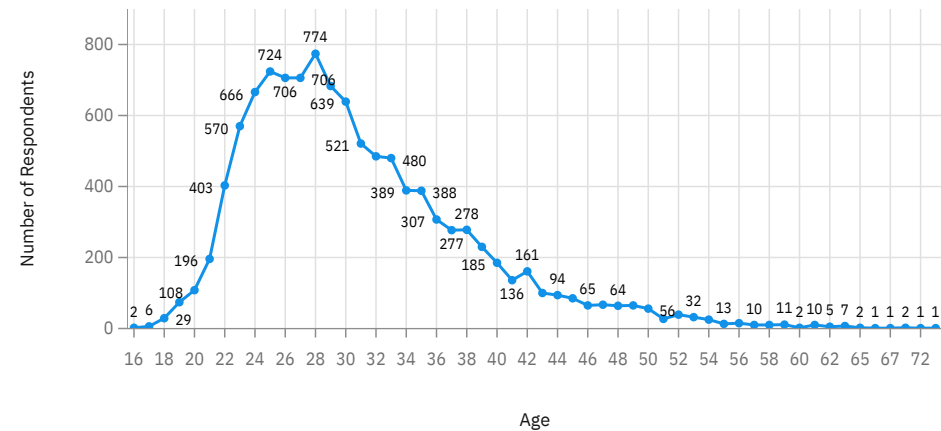
Education Level by Gender

Gender
- Woman
- Man

Education Level	Woman	Man	Total
Bachelor's degree (BA, BS, B.Eng., etc.)		5341	5753
Master's degree (MA, MS, M.Eng., MBA, etc.)		2484	2675
Some college/university study without earning a degree		1280	1330
Secondary school (e.g. American high school, German...	482	506	
Associate degree		377	
Other doctoral degree (Ph.D, Ed.D., etc.)		256	
Professional degree (JD, MD, etc.)		152	
I never completed any formal education		27	
Primary/elementary school		26	