Current Technology Usage

Top 10 Languages

Languages

- Assembly
- Bash/Shell/PowerShell
- C
- C#
- C++
- Go
- HTML/CSS
- Java
- JavaScript
- Python

Languages	Number of Respondents
Bash/Shell/PowerShell	3,214
HTML/CSS	2,843
C#	2,170
JavaScript	1,040
Java	843
C	658
C++	612
Go	377
Assembly	306
Python	182

Top 10 Databases

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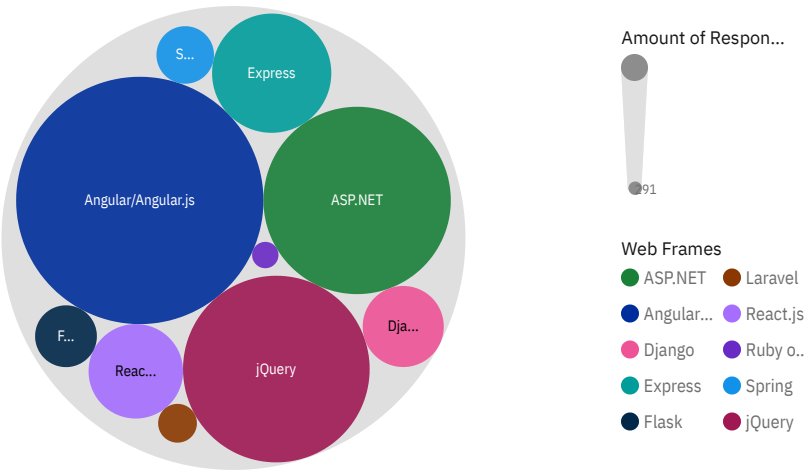- Microsoft SQL Server
- MongoDB
- MySQL
- Oracle
- PostgreSQL
- SQLite

Number of Respondents

Database	Number of Respondents
Microsoft SQL Server	2,371
MySQL	2,057
MongoDB	1,689
Elasticsearch	1,381
MariaDB	1,140
PostgreSQL	1,061
Firebase	889
DynamoDB	630
Oracle	402
SQLite	330

Databases

Platforms Used

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

Top 10 Web Frames

Amount of Respon...

91

Web Frames

- ASP.NET
- Laravel
- Angular...
- React.js
- Django
- Ruby o...
- Express
- Spring
- Flask
- jQuery
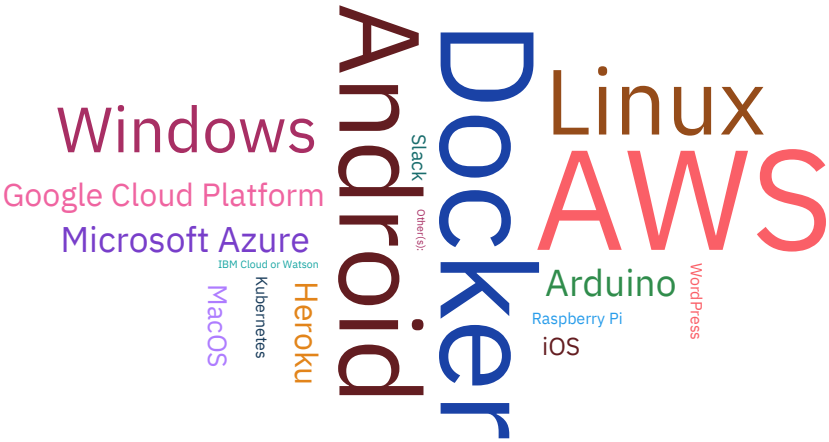
Future Technology Trend

Top 10 Languages Desired Next Year

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

Language	Number of Respondents
Bash/Shell/PowerShell	2,262
C#	2,081
HTML/CSS	2,047
Go	1,150
JavaScript	1,064
Java	754
C++	629
C	465
Python	413
Elixir	335
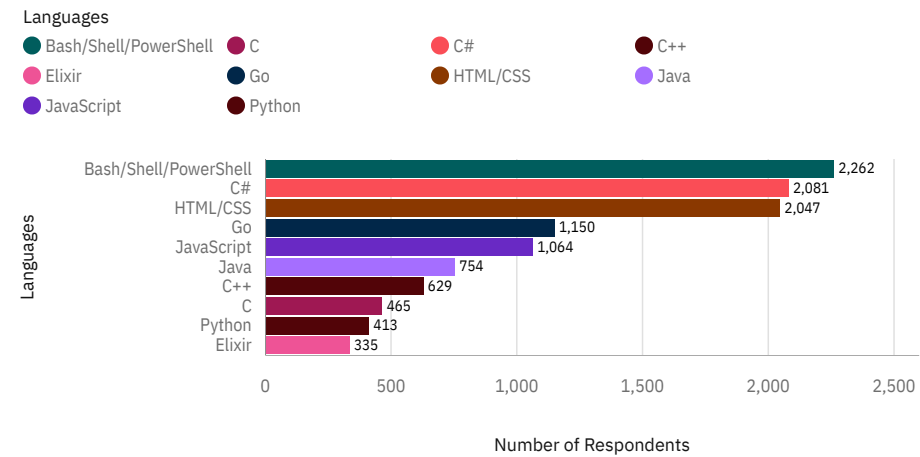
Top 10 Databases Desired Next Year

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

Database	Number of Respondents
Elasticsearch	1,978
MongoDB	1,900
PostgreSQL	1,495
Microsoft SQL Server	1,437
MySQL	1,173
Firebase	1,051
MariaDB	849
Cassandra	789
DynamoDB	765
Redis	515
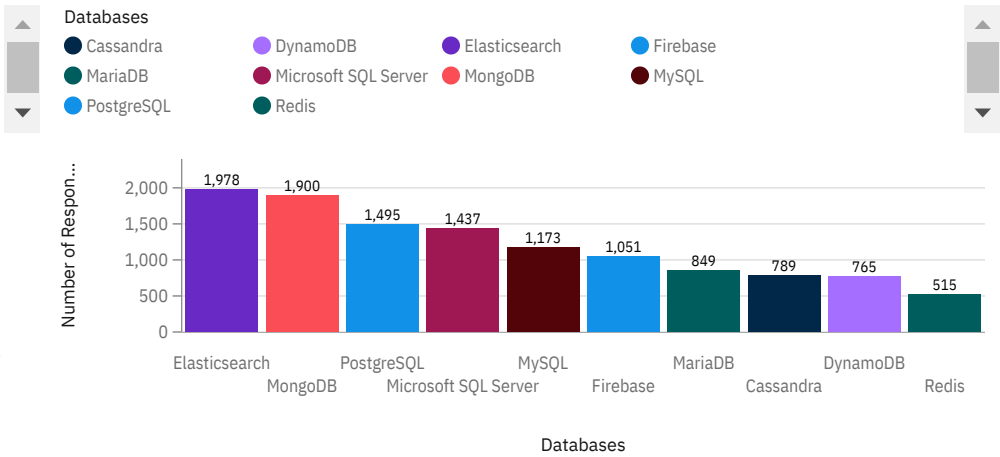
Platforms Desired Next Year

AWS
Docker
Android
Linux
Arduino
Google Cloud ...
Kubernetes
Microsoft Az...
iOS
Windows
Heroku
MacOS R...
Slack W...
IBM ... O...
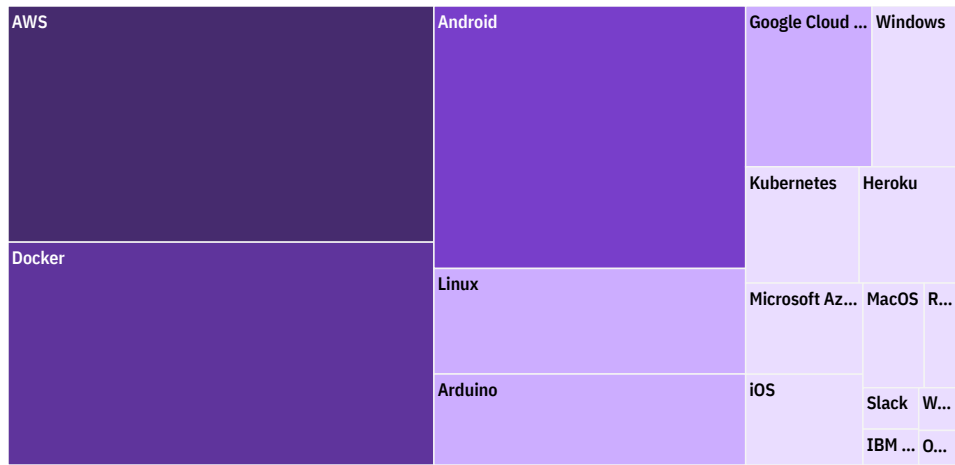
Top 10 Web Frames Desired Next Year

Respondent
14

WebFrameDesireNextY...
- ASP.N...
- Laravel
- Angula...
- React.js
- Django
- Spring
- Express
- Vue.js
- Flask
- jQuery

V...
Express
S...
Angular/Angular.js
React.js
Fla...
Django
ASP.NET
jQuery
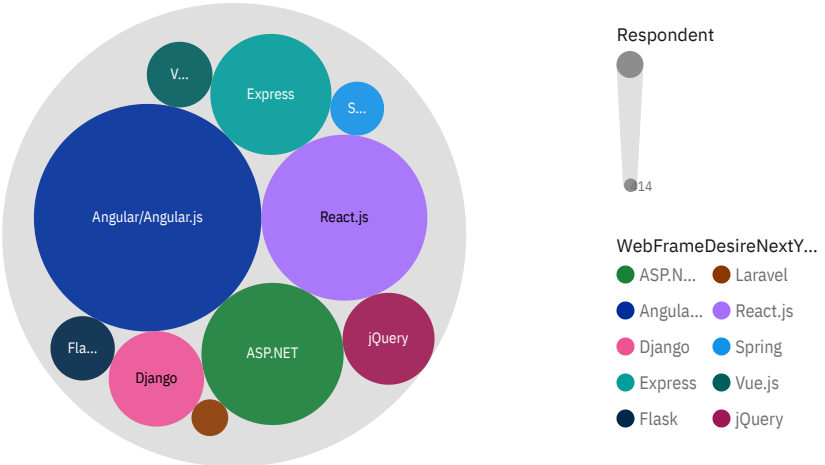
Demographics

Respondent by Gender

Gender
● Woman ● Man

93.3%
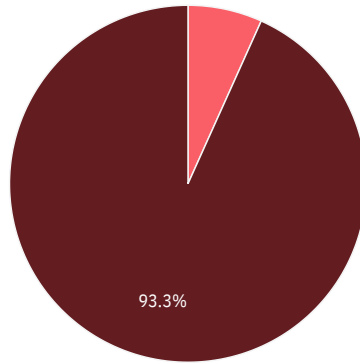
Respondent by Country

Respondent (Cou...

1   144

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Respondent by Age

Number of Respondents (y-axis) vs Age (x-axis)

2 5 26 106 192 394 557 658 716 699 768 520 387 477 305 385 228 185 275 136 160 92 63 64 56 32 13 10 11 2 10 5 7 2 1 1 2 1 1
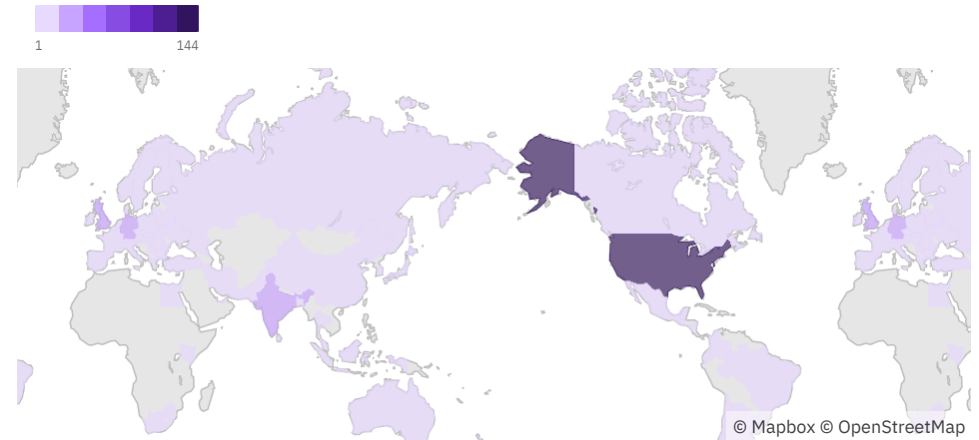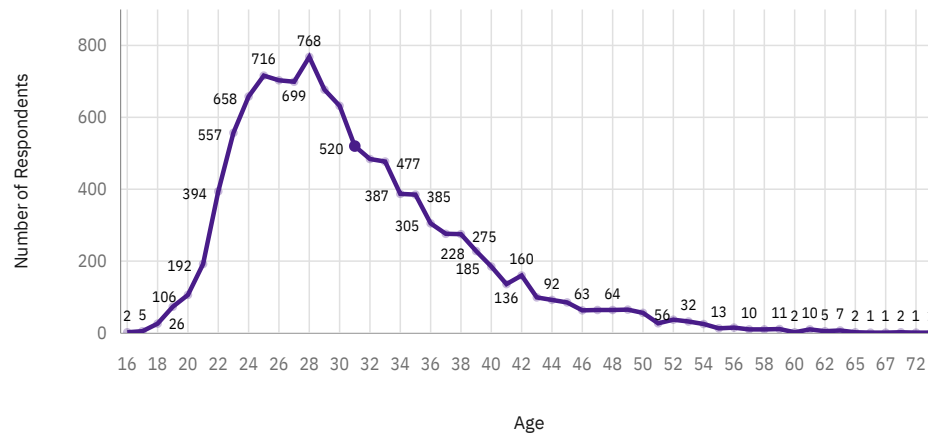
Respondent by Gender Colored by Education Level

Education Level
● I never completed any formal edu...   ● Primary/elementary school   ● Secondary school (e.g. American ...
● Some college/university study wit...   ● Associate degree   ● Bachelor's degree (BA, BS, B.Eng.,...
● Master's degree (MA, MS, M.Eng., ...   ● Other doctoral degree (Ph.D, Ed.D....   ● Professional degree (JD, MD, etc.)

Man: 54 16 227 147 18 8
Woman: 18 12

Number of Respondents: 0   50   100   150   200   250   300   350   400   450   500