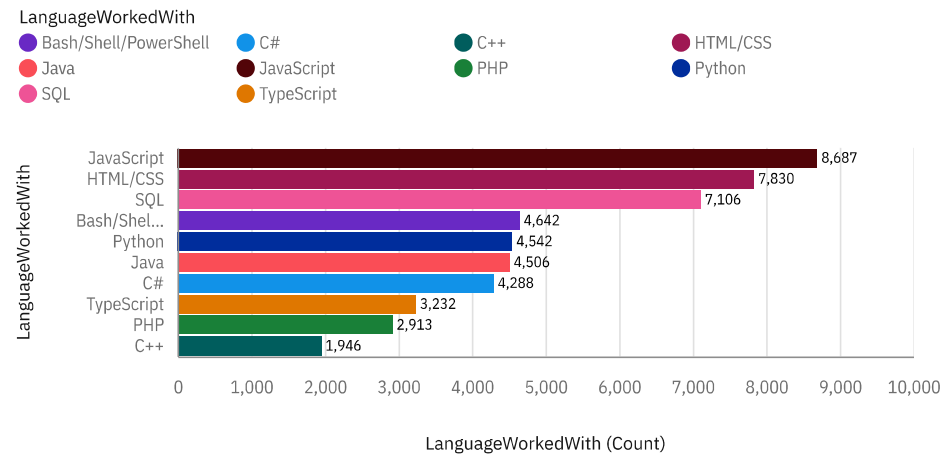# Current Technology Usage

Top 10 Programming Languages Respondents Worked With

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

LanguageWorkedWith

Language	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

LanguageWorkedWith (Count)

Top 10 Databases Respondents Worked With
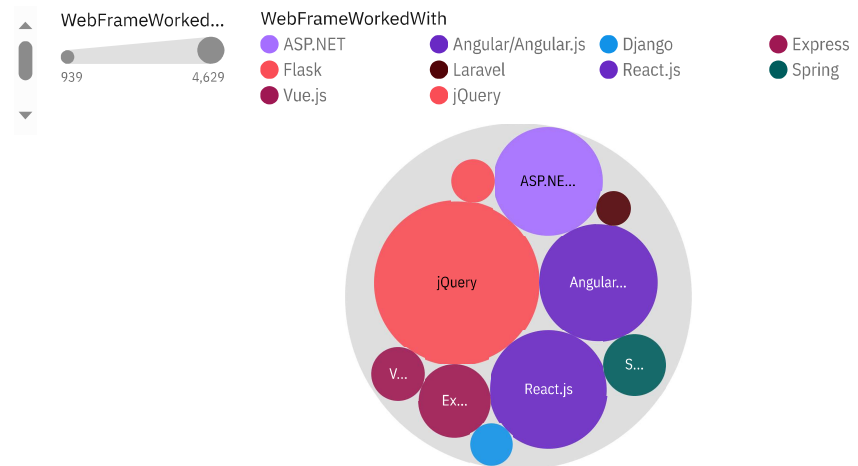
DatabaseWorkedWith
- ● Elasticsearch   ● Firebase   ● MariaDB   ● Microsoft SQL Server
- ● MongoDB   ● MySQL   ● Oracle   ● PostgreSQL
- ● Redis   ● SQLite

DatabaseWorkedWith

Database	Count
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

DatabaseWorkedWith

Popular Platforms Respondents Worked With

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 Frames Respondents Worked With

WebFrameWorked...   939 —— 4,629

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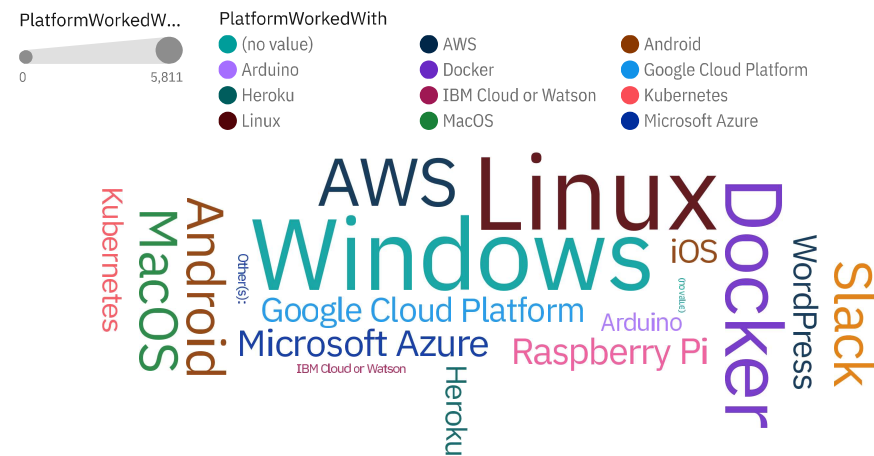
Future Technology Trend

Top 10 Languages Respondents Wish To Learn Over The Next Year

LanguageDesireNextYear

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

Top 10 Databases Respondents Wish To Learn Over The Next Year

DatabaseDesireNextYear

● DynamoDB   ● Elasticsearch ● Firebase   ● MariaDB
● Microsoft SQL Server   ● MongoDB   ● MySQL   ● PostgreSQL
● Redis   ● SQLite
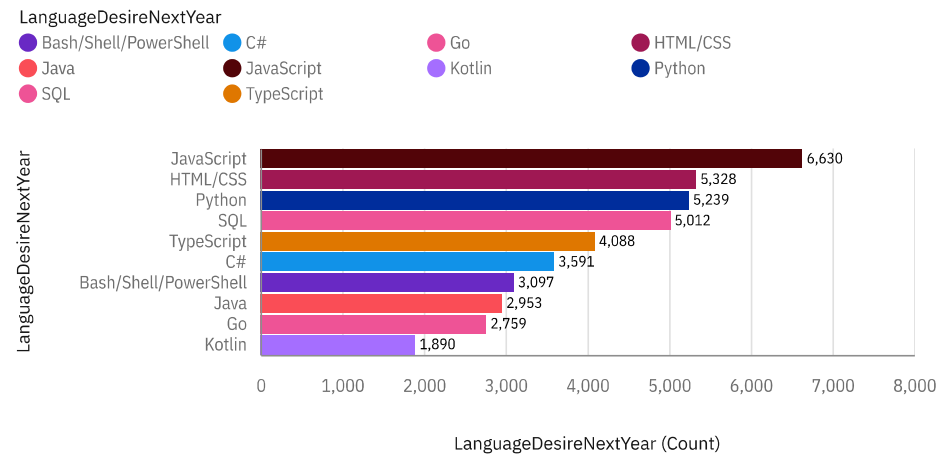
Platforms Respondents Wish To Learn Over The Next Year

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

Top 10 Web Frames Respondents Wish To Learn Over The Next Year

WebFrameDesire...   WebFrameDesireNextYear
970   4,714   ● ASP.NET   ● Angular/Angular.js   ● Django   ● Express
                            ● Flask   ● React.js   ● Ruby on Rails ● Spring
                            ● Vue.js   ● jQuery
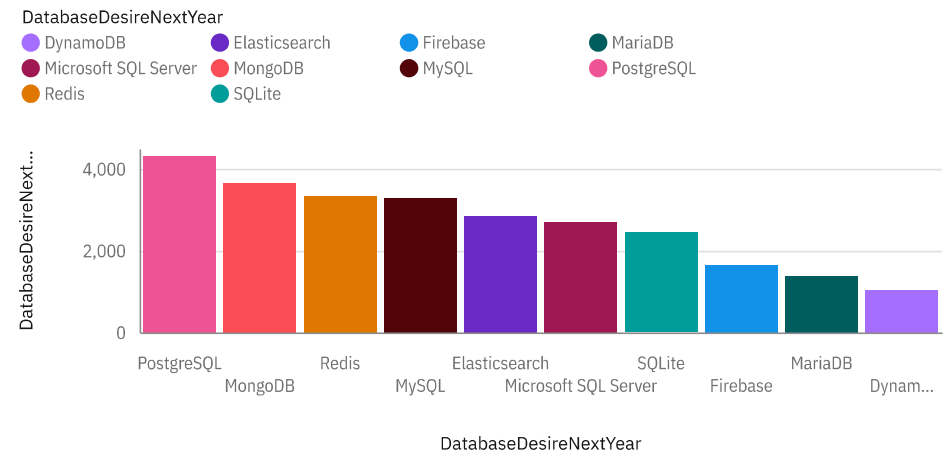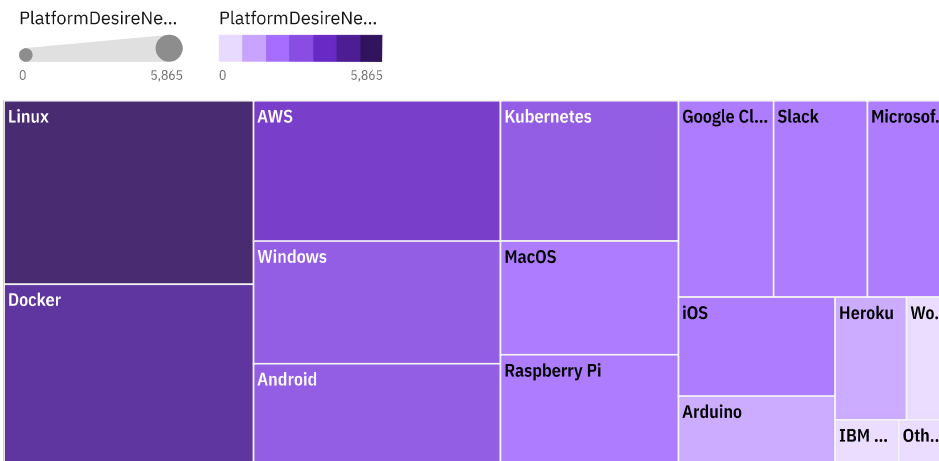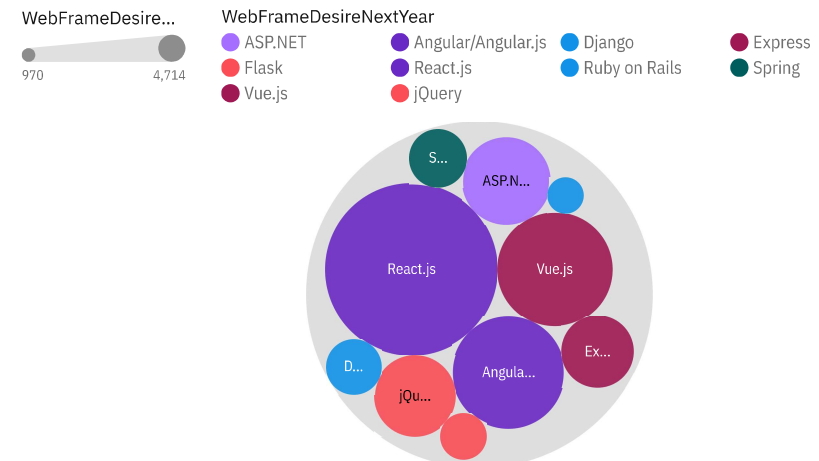
Demographics

Respondents Within the Gender Binary

Gender
● Wom... 6.5% ● Man 93.5%

93.5%

Respondents by Country

Country (Count)
●————————●
1   3,058

Country
● Australia   ● Israel
● South Africa   ● Austria
● Argentina   ● Iran
● Hungary   ● United Arab Emirates

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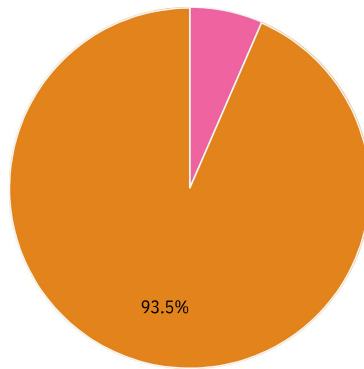
Age Distribution of Respondents

Number of Respondents (Count) vs Age

Data points: 2, 6, 29, 108, 196, 403, 570, 666, 724, 706, 774, 706, 639, 521, 389, 480, 307, 388, 278, 277, 185, 136, 161, 94, 65, 64, 56, 32, 13, 10, 11, 2, 10, 5, 7, 2, 1, 1, 2, 1, 1, 0

X-axis (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, 72, (...)
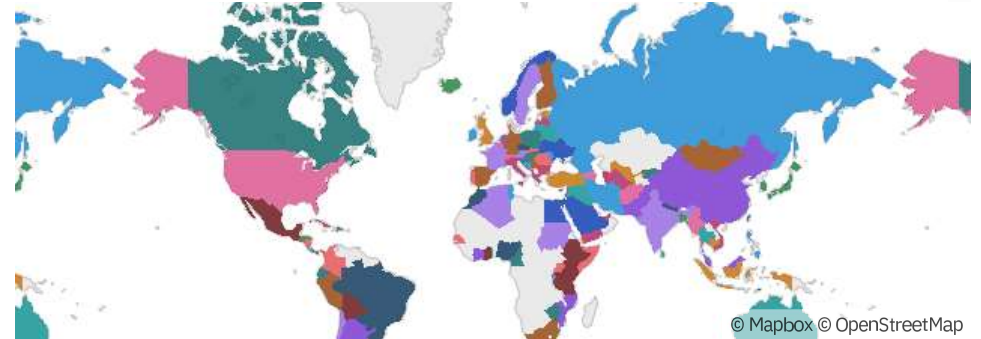
Education Level by Gender(Male/Female)

Gender
● Man ● Woman

EdLevel	Gender (Count)
(no value)	
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...	482
Some college/university study without earning a degree	1,280

X-axis: 0, 1,000, 2,000, 3,000, 4,000, 5,000, 6,000