Current Technology Usage

Top 10 languages used

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

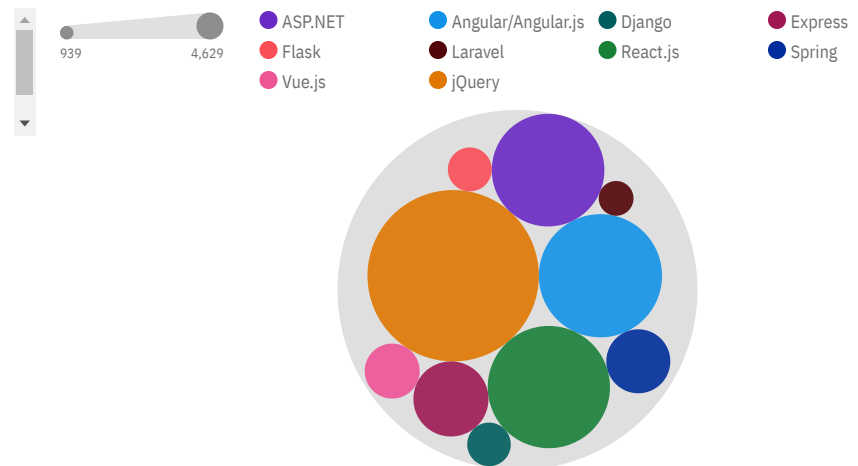| Language	Frequency
JavaScript	8,687
HTML/CSS	7,830
SQL	7,106
Bash/Shel...	4,642
Python	4,542
Java	4,506
C#	4,288
TypeScript	3,232
PHP	2,913
C++	1,946

Top 10 databases used

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

Database	Frequency
MySQL	5,469
Microsoft SQL Server	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

● (no value) ● AWS ● Android ● Arduino
● Docker ● Google Cloud Platform ● Heroku ● IBM Cloud or Watson
● Kubernetes ● Linux ● MacOS ● Microsoft Azure
● Other(s): ● Raspberry Pi ● Slack ● Windows

Top 10 web frameworks used

939　　　　4,629

● ASP.NET ● Angular/Angular.js ● Django ● Express
● Flask ● Laravel ● React.js ● Spring
● Vue.js ● jQuery

Future Technology Trend

Top 10 languages desired for next year

● Bash/Shell/PowerShell ● C# ● Go ● HTML/CSS
● Java ● JavaScript ● Kotlin ● Python
● SQL ● TypeScript
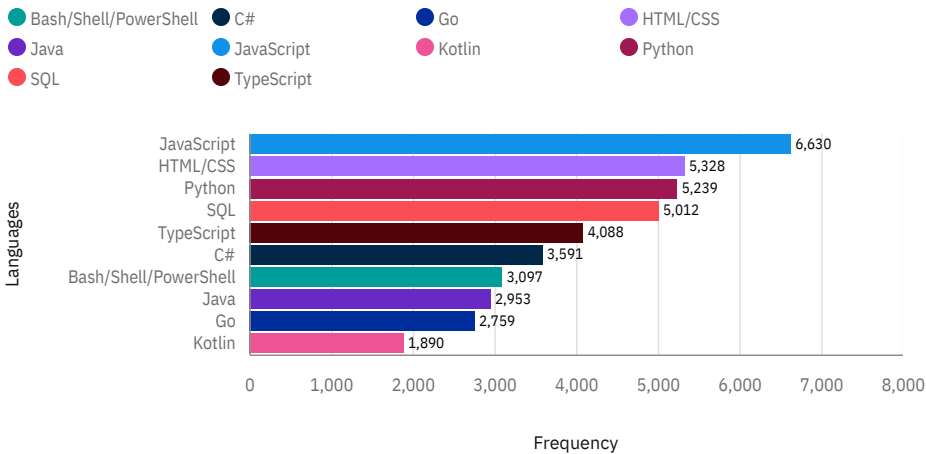
Top 10 databases desired for next year

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

Platforms desired for next year

PlatformDesireNe... PlatformDesireNe...
0   5,865   0   5,865
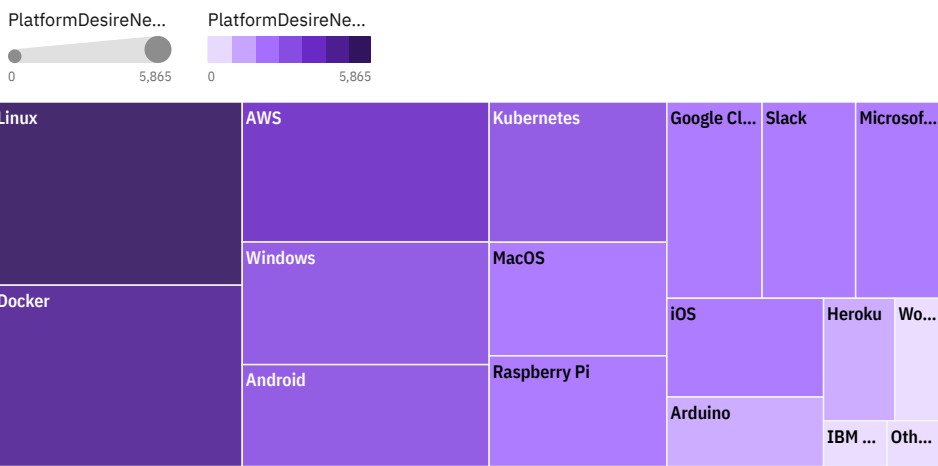
Top 10 web frameworks desired for next year

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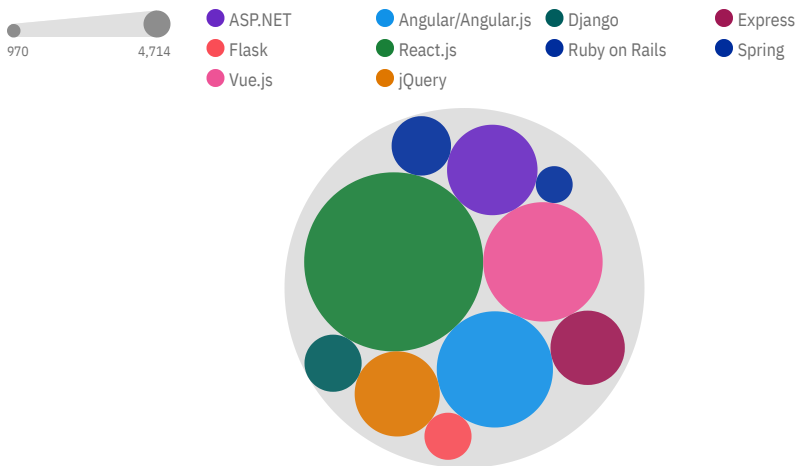
Demographics

Respondents' genders

● Woman ● Man

93.5%
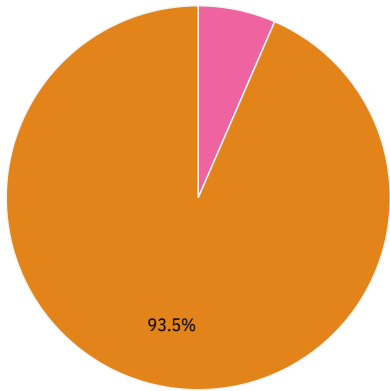
Respondents' countries

© Mapbox © OpenStreetMap

Respondent count by age

Count

3,000

2,910

2,328

2,000

1,835

1,564

1,000

970

576

219

261
154
63
33
14
2
3
1

278

less th...   25 to < 29   33 to < 37   41 to < 46   50 to < 54   58 to < 62   66 to < 70   95 and above
        21 to < 25   29 to < 33   37 to < 41   46 to < 50   54 to < 58   62 to < 66   70 to < 75   Null

Age group
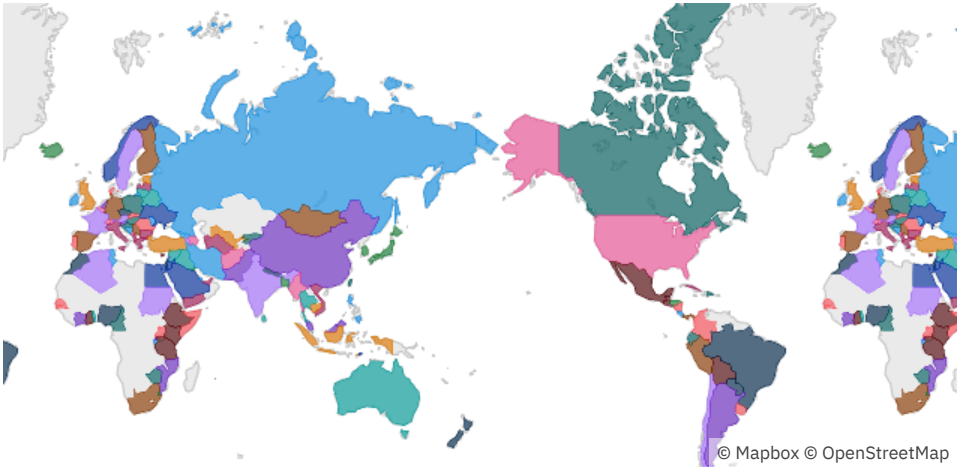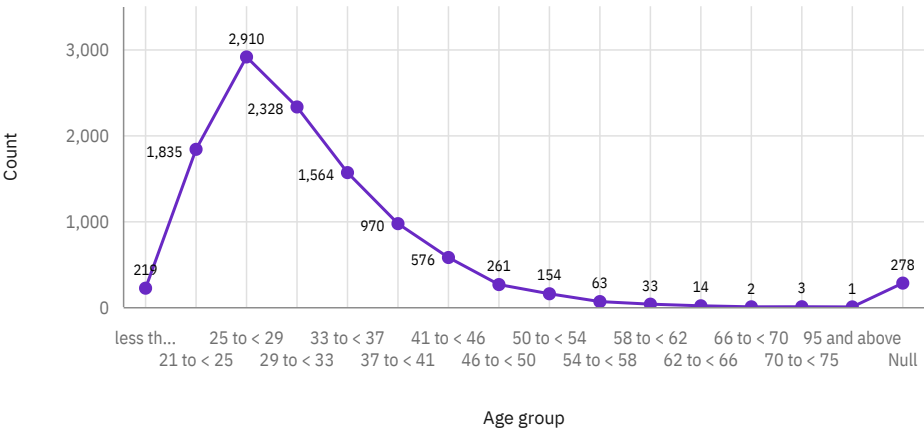
Respondent count by gender, classified by education level

● Man ● Woman

(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

Education level

0   1,000   2,000   3,000   4,000   5,000   6,000

Count