Current Technology Usage

Top 10 Programming Languages Used

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

LanguageWorkedWith	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 Used

2

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

DatabaseWorkedWith	Count
MySQL	5,469
Microsoft SQL S...	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

Platforms Used by Developers

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 Frameworks Used

3

WebFrameWorked... 939 — 4,629

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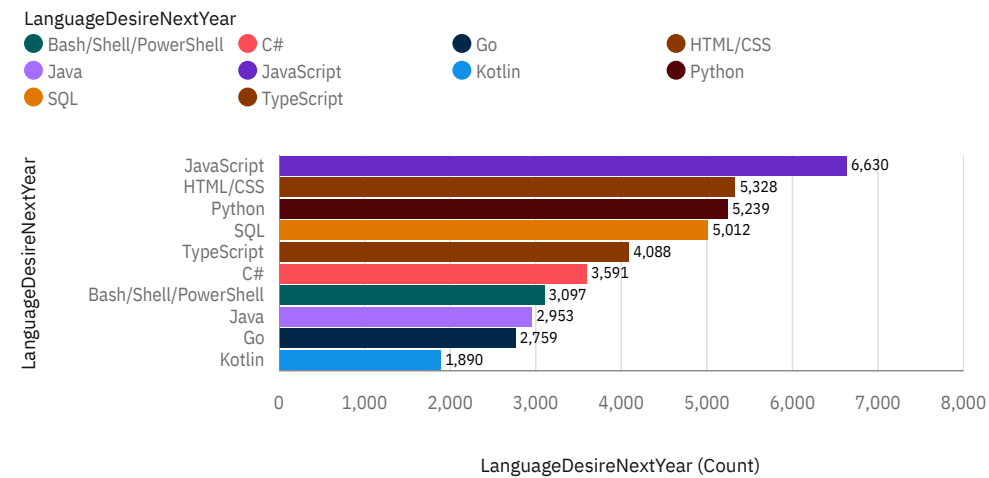- ● Express
- ● Flask
- ● Laravel
- ● React.js
- ● Spring
- ● Vue.js
- ● jQuery

Future Technology Trend

Top 10 Programming Languages Desired Next Year

4

LanguageDesireNextYear

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

Top 10 Databases Desired Next Year

5

DatabaseDesireNextYear

- DynamoDB
- Elasticsearch
- Firebase
- MariaDB
- Microsoft SQL Server
- MongoDB
- MySQL
- PostgreSQL
- Redis
- SQLite
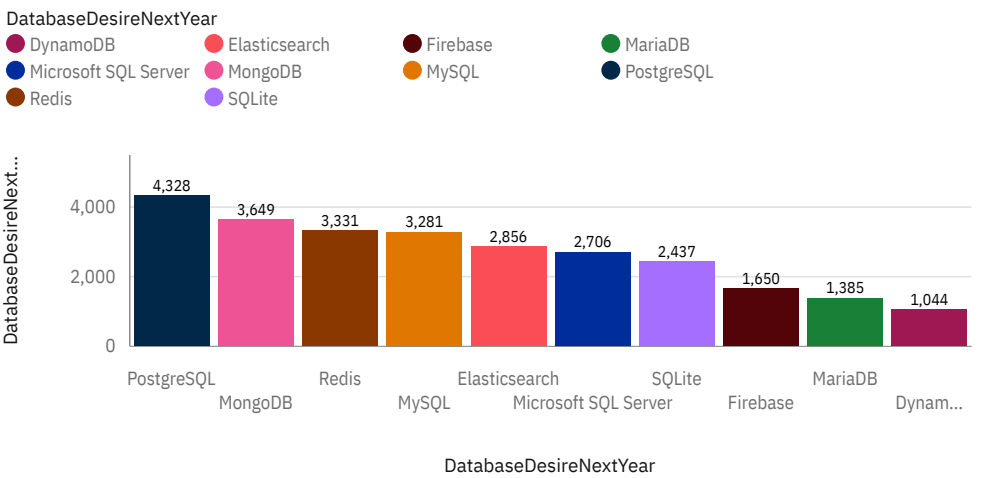
Desired Platforms for Next Year

PlatformDesireNe... 0 — 5,865

PlatformDesireNe... 0 — 5,865
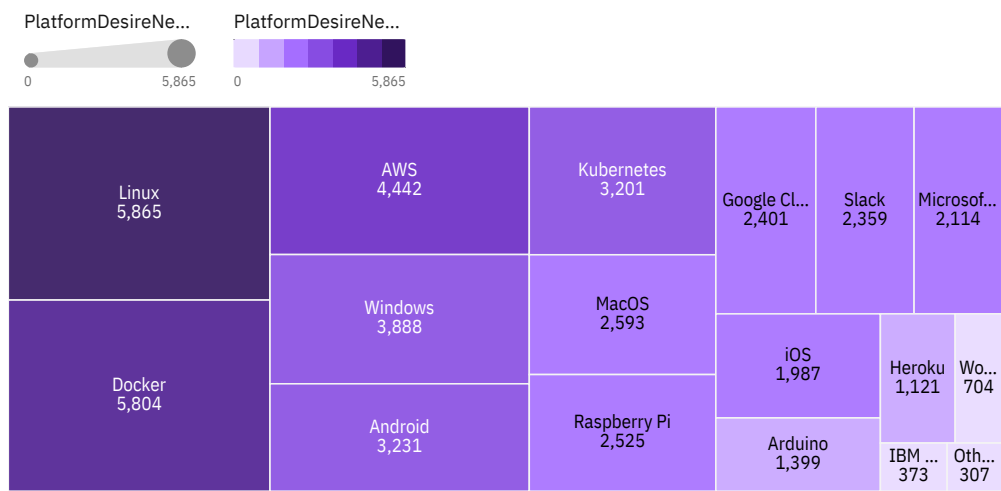
Top 10 Desired Web Frameworks for Next Year

6

WebFrameDesire... 970 — 4,714

WebFrameDesireNextYear

- ASP.NET
- Angular/Angular.js
- Django
- Express
- Flask
- React.js
- Ruby on Rails
- Spring
- Vue.js
- jQuery
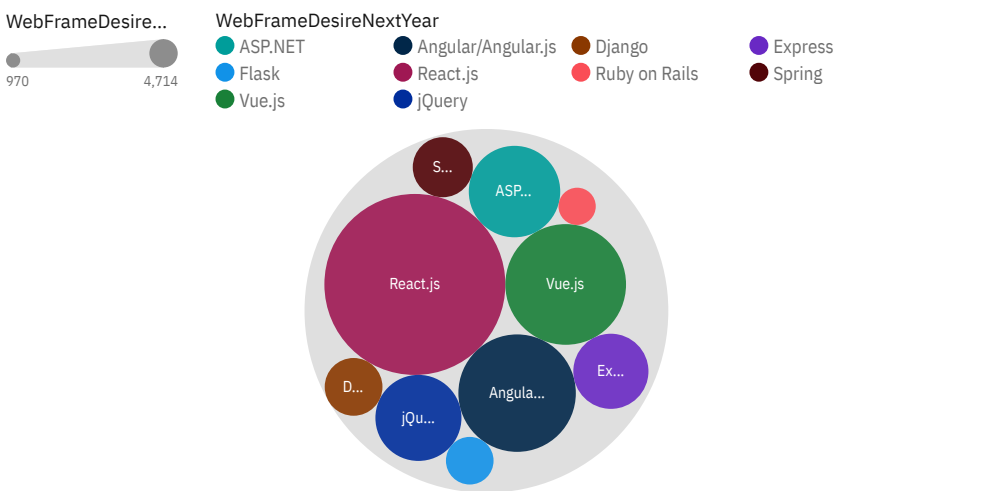
Demographics

Respondent Distribution by Gender　7

Gender
● Woman　● Man

93.5%
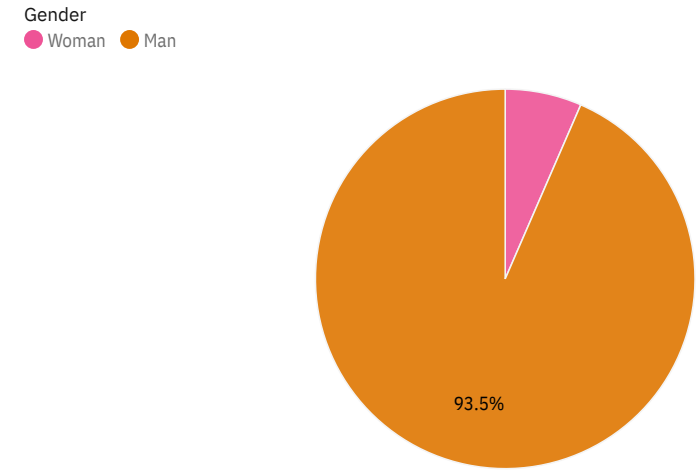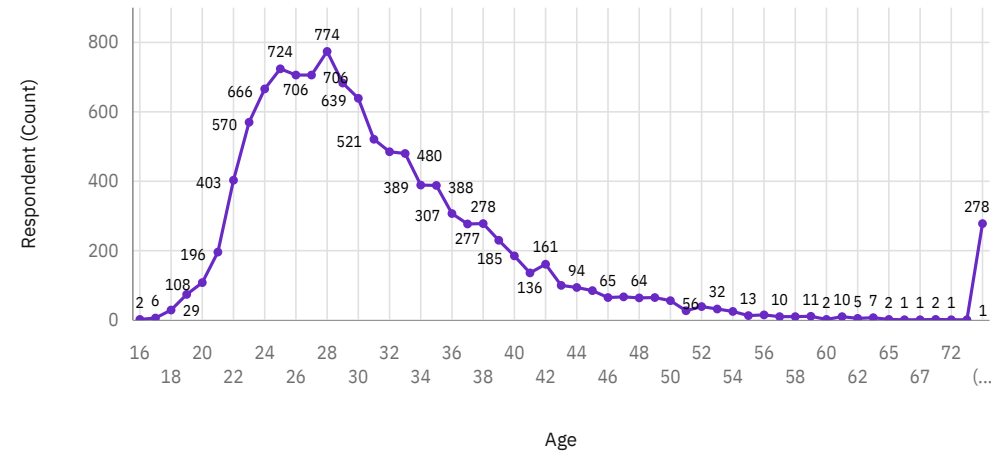
8　Respondent Distribution by Country

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

© Mapbox © OpenStreetMap

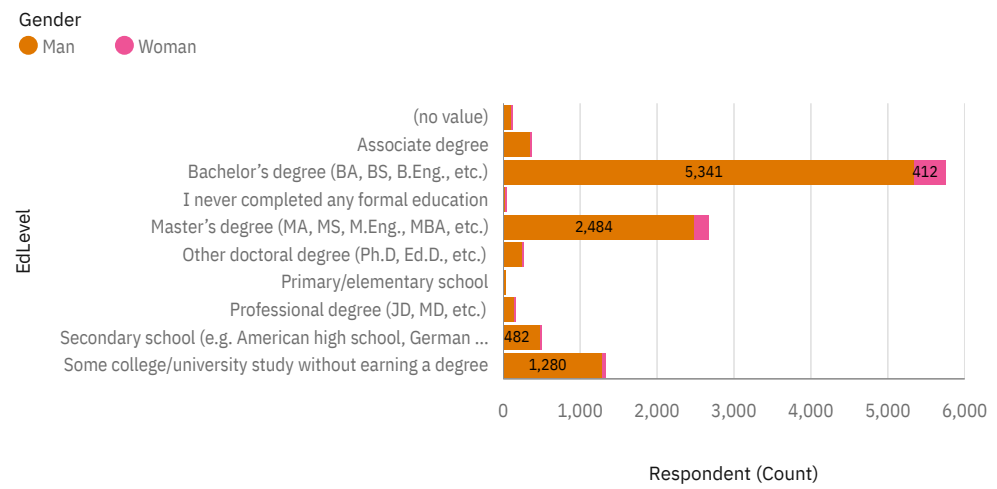## Respondent Count by Age　9
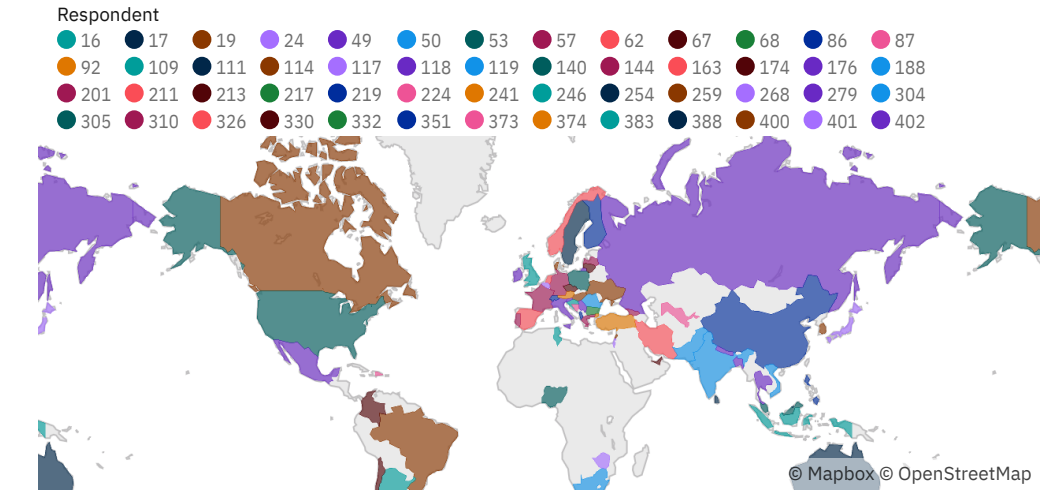
Respondent Count by Gender, Classified by Formal Education Level

This content is moved to a separate page

Respondent Count by Gender, Classified by Formal Education Level   10

Gender
● Man ● Woman

EdLevel

- (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

Respondent (Count)

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

Filter(s) applied to the visualization(s):

Widget 1

LanguageWorkedWith Includes: JavaScript, HTML/CSS, SQL, Bash/Shell/PowerShell, Python, Java, C#, TypeScript, PHP, C++

Widget 2

DatabaseWorkedWith Includes: MySQL, Microsoft SQL Server, PostgreSQL, SQLite, MongoDB, Redis, Elasticsearch, Oracle, MariaDB, Firebase

Widget 3

WebFrameWorkedWith Excludes: (no value)
WebFrameWorkedWith Top 10

Widget 4

LanguageDesireNextYear Top 10

Widget 5

DatabaseDesireNextYear Includes: PostgreSQL, MongoDB, Redis, MySQL, Elasticsearch, Microsoft SQL Server, SQLite, Firebase, MariaDB, DynamoDB
DatabaseDesireNextYear Top 10

Widget 6

WebFrameDesireNextYear Top 10

Widget 7

Gender Includes: Man, Woman

Widget 8

Gender Includes: Man, Woman

Widget 9

Gender Includes: Man, Woman

Widget 10

Gender Includes: Man, Woman