Current Technology Usage
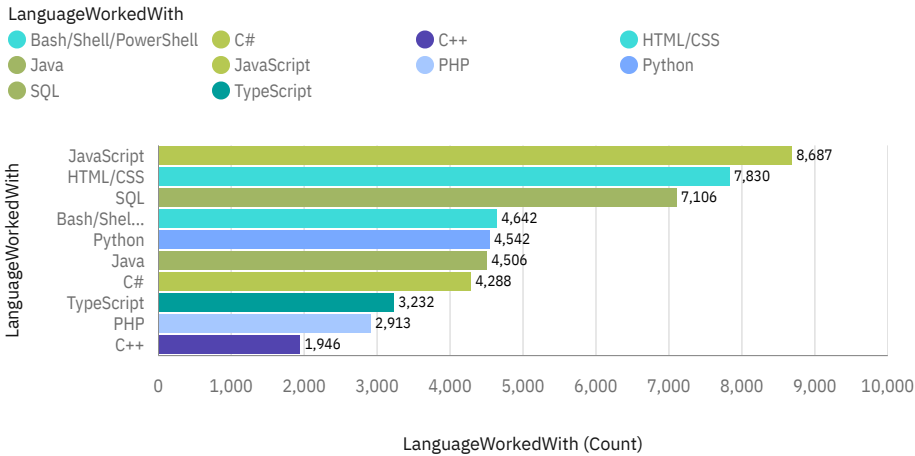
Top 10 LanguageWorkedWith

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

LanguageWorkedWith (horizontal bar chart):
- 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

X-axis: LanguageWorkedWith (Count) — 0 to 10,000

Top 10 DatabaseWorkedWith

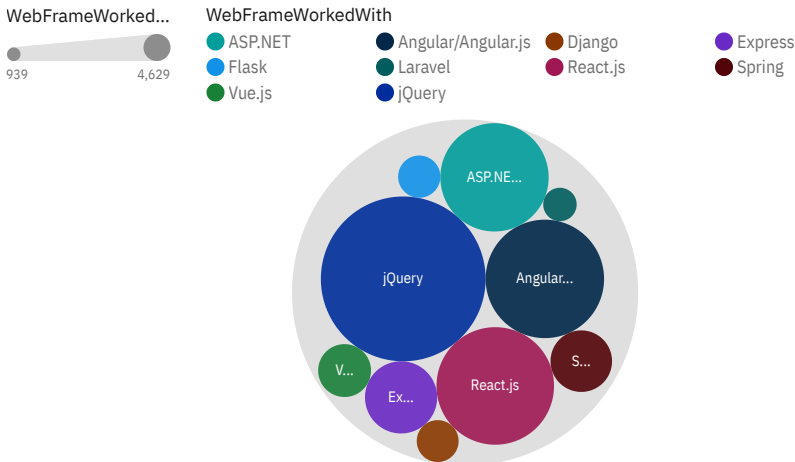DatabaseWorkedWith
● Elasticsearch ● Firebase ● MariaDB ● Microsoft SQL Server
● MongoDB ● MySQL ● Oracle ● PostgreSQL
● Redis ● SQLite

DatabaseWorkedWith (bar chart):
- 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

X-axis: DatabaseWorkedWith

PlatformWorkedWith

PlatformWorkedW...
0 — 5,811

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

Top 10 WebFrameWorkedWith

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 LanguageDesireNextYear

LanguageDesireNextYear

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

Top 10 DatabaseDesireNextYear

DatabaseDesireNextYear

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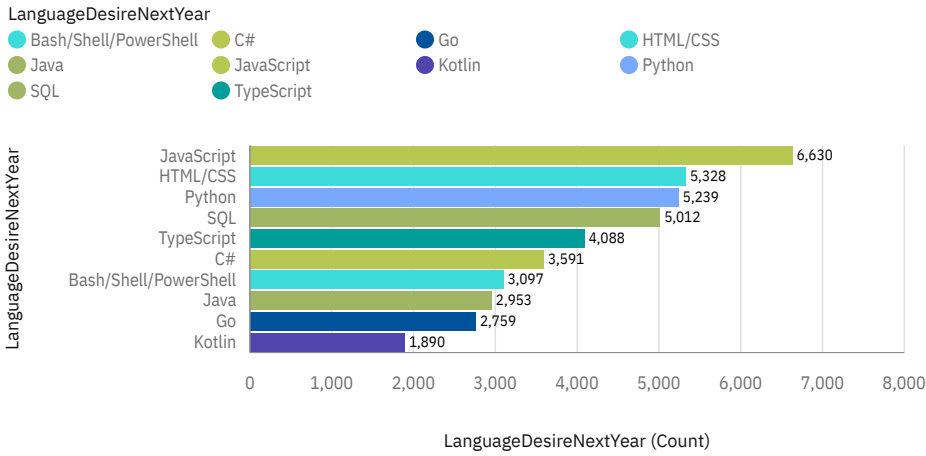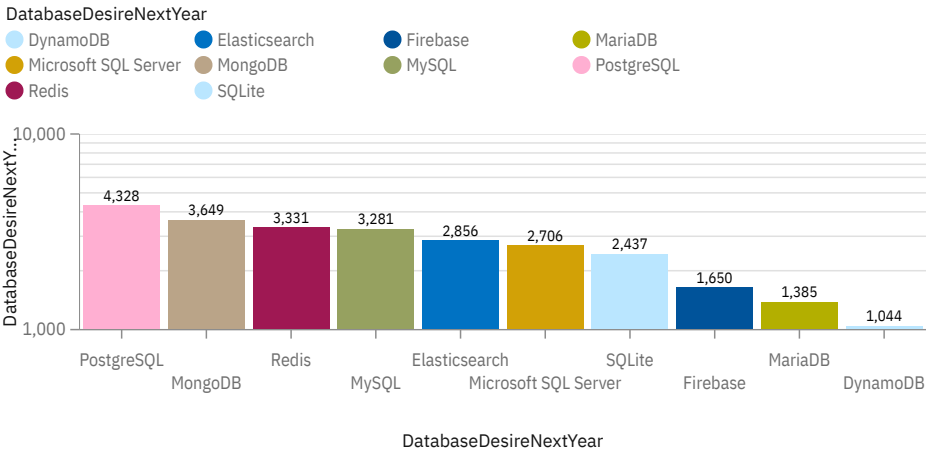
PlatformDesireNextYea

Top 10 WebFrameDesireNextYear

WebFrameDesireNextYear

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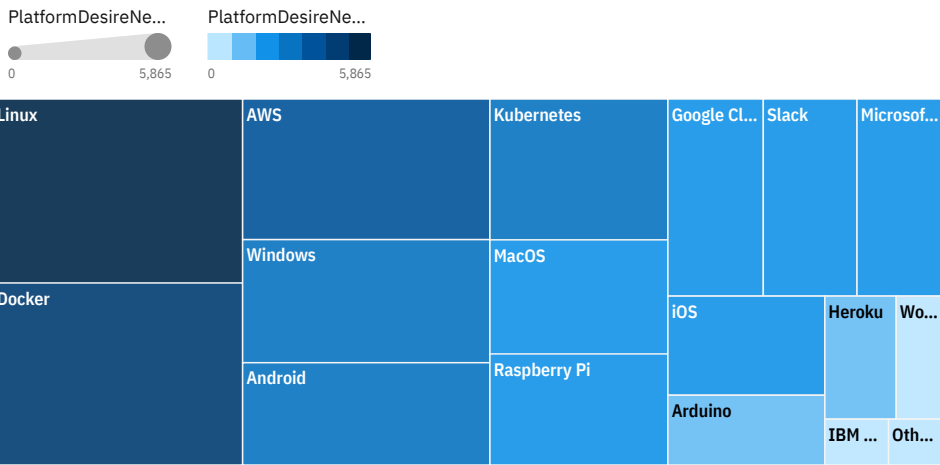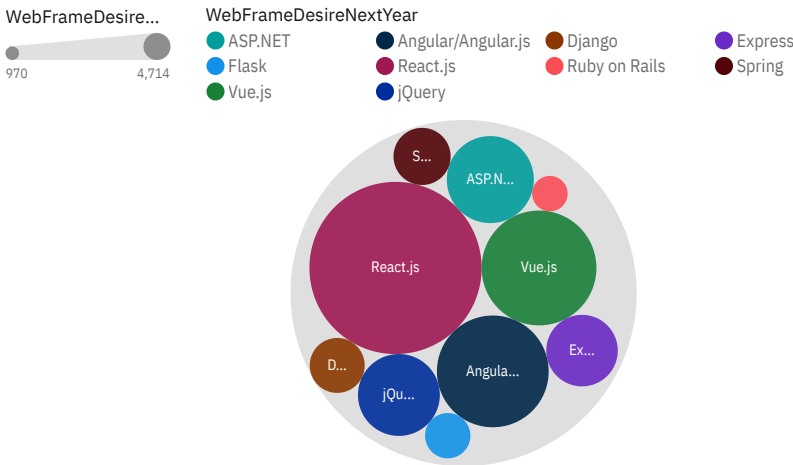
Demographics

Respondent by Gender

Gender
- Woman
- Man

6....

93.5%
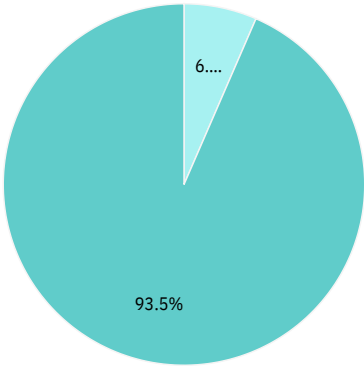
Respondent Count for Countries

Country (Count)

1   3,127

© Mapbox © OpenStreetMap
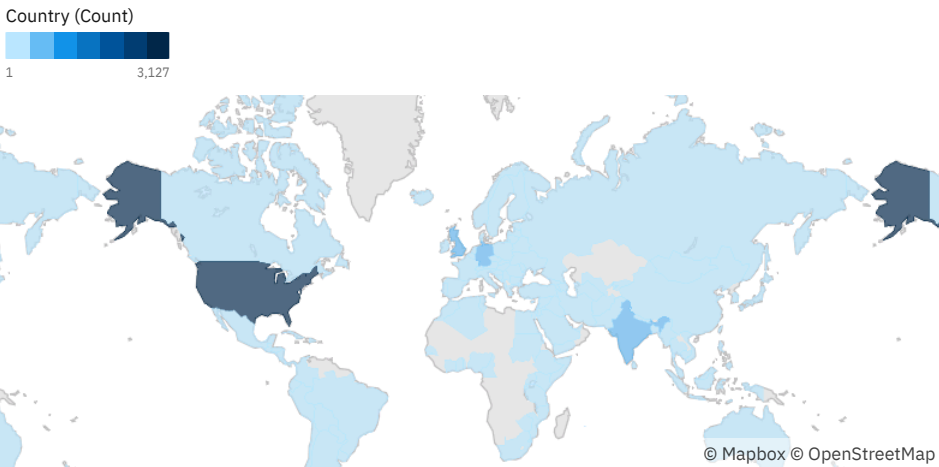
Respondent Count by Age

Respondent (Count distinct)

800 — 787
738
722 722
679   651
581   531
489   483
406   395 393
308
279
203   232
187
162
109   136
95
66 64
29   57
32
3 6   13 11 11 2 10 5 7 2 1 1 1 2 1   287
1

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 71 99

Age
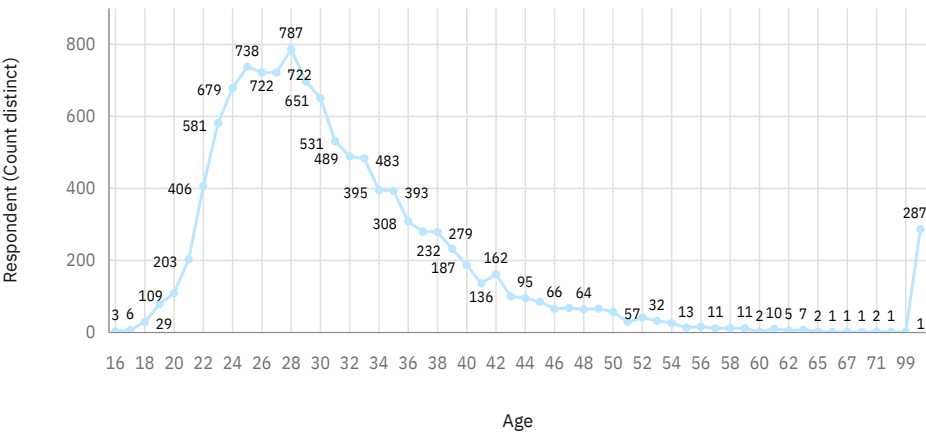
Respondent Count by Gender, classified by Formal Education Level

EdLevel
- (no value)
- Associate degree
- Bachelor's degree (BA, BS, B.Eng....
- I never completed any formal edu...
- Master's degree (MA, MS, M.Eng.,...
- Other doctoral degree (Ph.D, Ed.D...
- Primary/elementary school
- Professional degree (JD, MD, etc.)
- Secondary school (e.g. American ...
- Some college/university study wit...

Gender

Man   5,341   2,484   482 1,280   10,480

Woman   731

0 1,000 2,000 3,000 4,000 5,000 6,000 7,000 8,000 9,000 10,000 11,000 12,000

Gender (Count)