Current Technology Usage
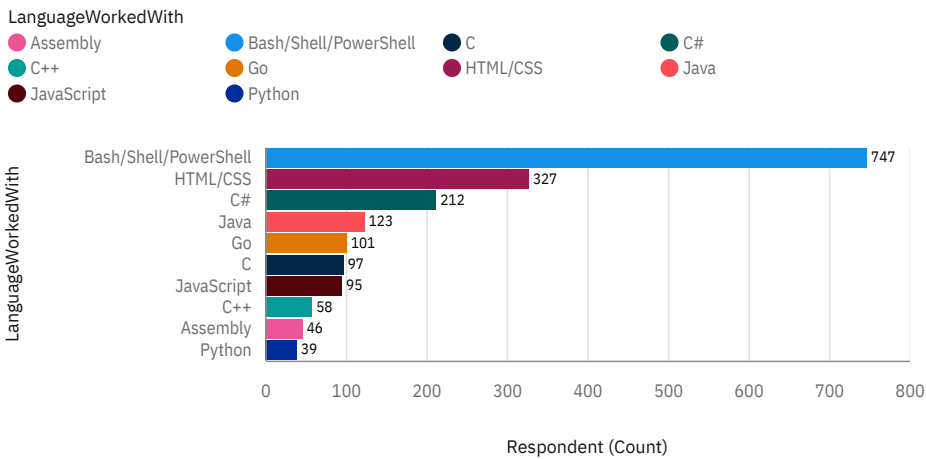
Top 10 Programming Languages Used

LanguageWorkedWith
- 🔴 Assembly
- 🔵 Bash/Shell/PowerShell
- ⚫ C
- 🟢 C#
- 🟢 C++
- 🟠 Go
- 🟣 HTML/CSS
- 🔴 Java
- 🟤 JavaScript
- 🔵 Python

Bash/Shell/PowerShell — 747
HTML/CSS — 327
C# — 212
Java — 123
Go — 101
C — 97
JavaScript — 95
C++ — 58
Assembly — 46
Python — 39

Respondent (Count)

Top 10 Databases Used

DatabaseWorkedWith
- 🟢 SQLite
- 🔴 Redis
- 🔴 PostgreSQL
- 🔴 Oracle
- 🟢 MySQL
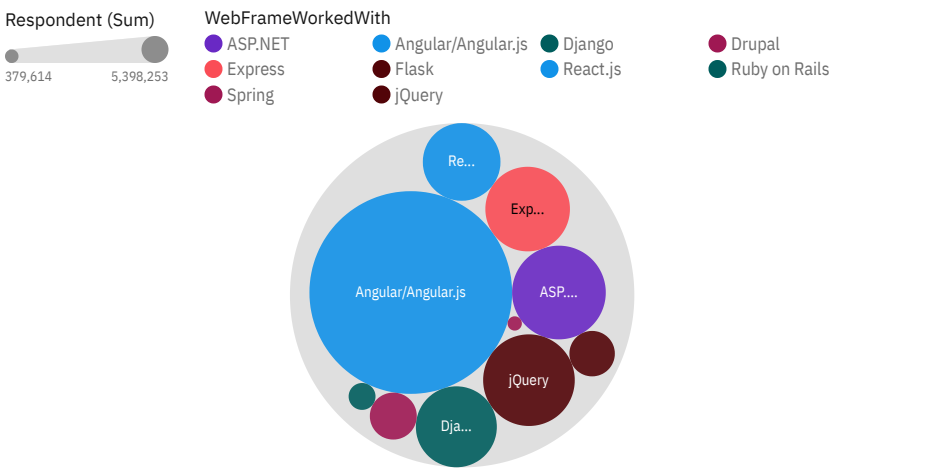- 🔵 MongoDB
- 🟣 Microsoft SQL Server
- 🟣 MariaDB
- 🔵 Firebase
- 🟤 Elasticsearch

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

Respondent (Count): 27 — 595

PlatformWorkedW...: 27 — 595

Top 10 Web Frameworks Used

Respondent (Sum): 379,614 — 5,398,253

WebFrameWorkedWith
- 🟣 ASP.NET
- 🔵 Angular/Angular.js
- 🟢 Django
- 🔴 Drupal
- 🔴 Express
- 🔴 Flask
- 🔵 React.js
- 🟢 Ruby on Rails
- 🔴 Spring
- 🟤 jQuery

Future Technology Trend

Top 10 Languages Desired for Next Year

LanguageDesireNextYear

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

LanguageDesireNextYear	Respondent (Count distinct)
JavaScript	6,630
HTML/CSS	5,328
Python	5,239
SQL	5,012
TypeScript	4,088
C#	3,591
Bash/Shell/PowerShell	3,097
Java	2,953
Go	2,759
Kotlin	1,890
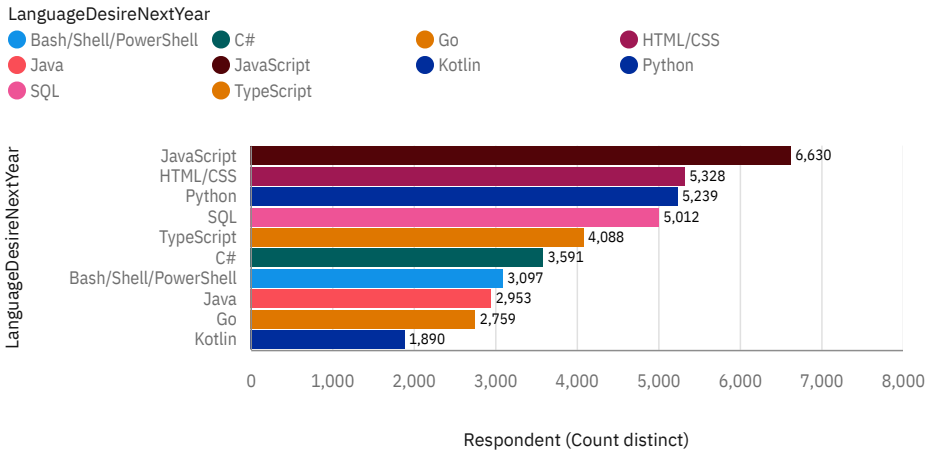
Top 10 Databases Desired for Next Year

DatabaseDesireNextYear

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

DatabaseDesireNextYear	Respondent (Count ...)
PostgreSQL	4,328
MongoDB	3,649
Redis	3,331
MySQL	3,281
Elasticsearch	2,856
Microsoft SQL Server	2,706
SQLite	2,437
Firebase	1,650
MariaDB	1,385
Dynam...	1,044
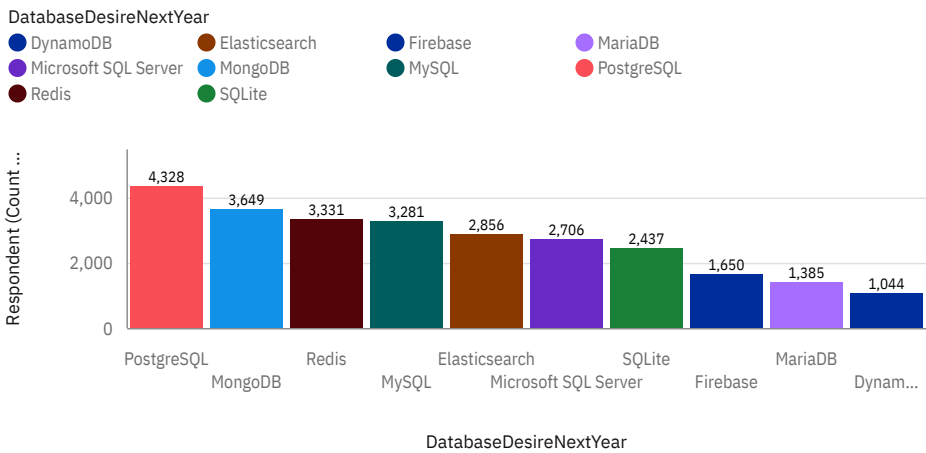
Platform Desired for Next Year

Respondent (Cou... 2,359 — 5,865

PlatformDesireNe... 2,359 — 5,865

Linux

AWS

Android

Raspberry...

Google Cl...

Docker

Windows

Kubernetes

MacOS

Slack
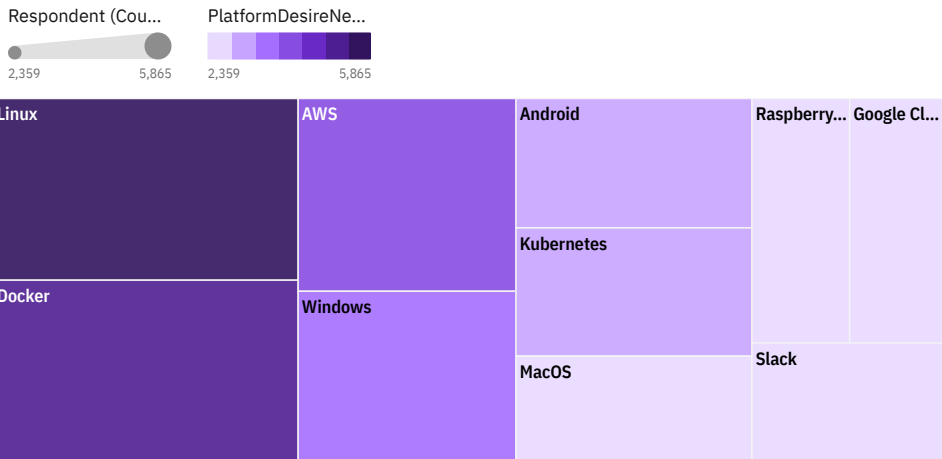
Top 10 WebFrame Desired for Next Year

Respondent (Cou... 970 — 4,714

WebFrameDesireNextYear

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

React.js, Vue.js, Angula..., ASP.N..., S..., Ex..., jQu..., D...
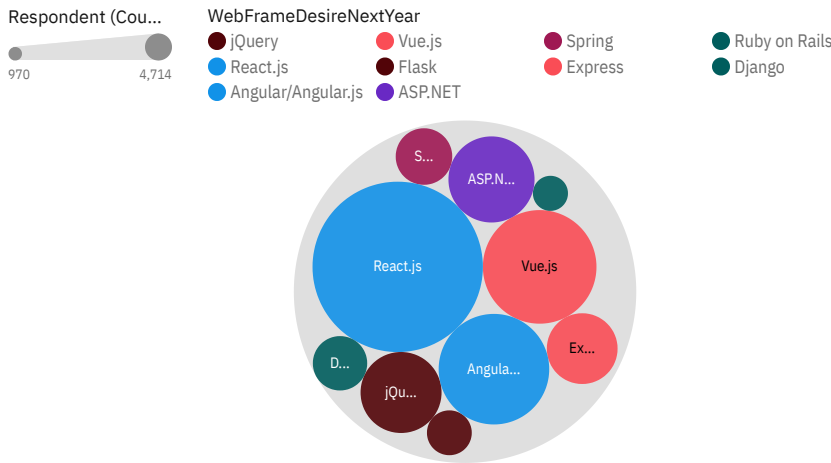
Demographics

Gender Distribution of Respondents

Gender
- ● Woman ● Man

93.5%
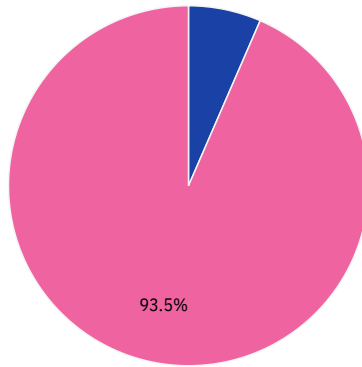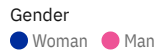
Respondent County by Country

Respondent (Count)

1   3,127

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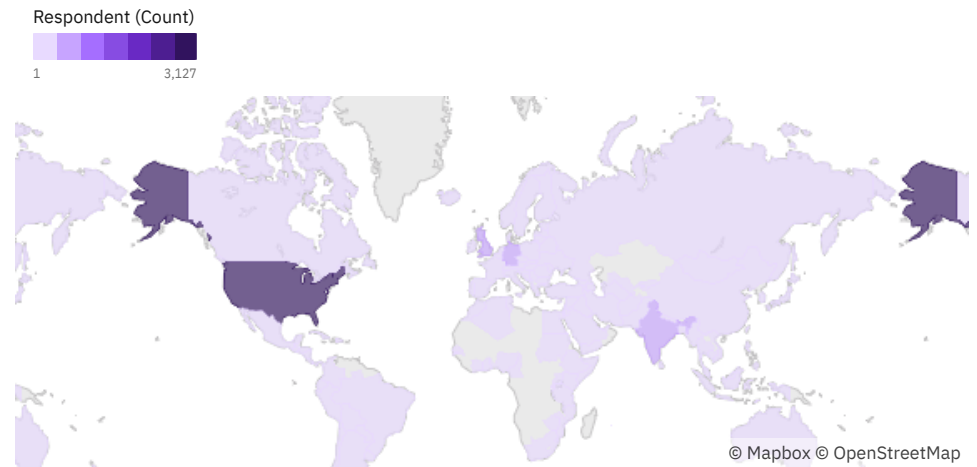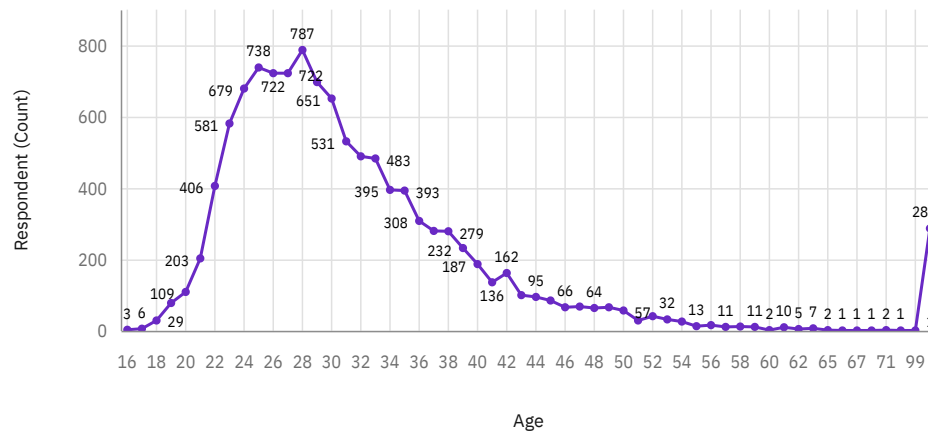
Respondent by Age

Respondent Count by Gender and Formal Education Level

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

Man: 5,341 2,484 482 1,280

Woman