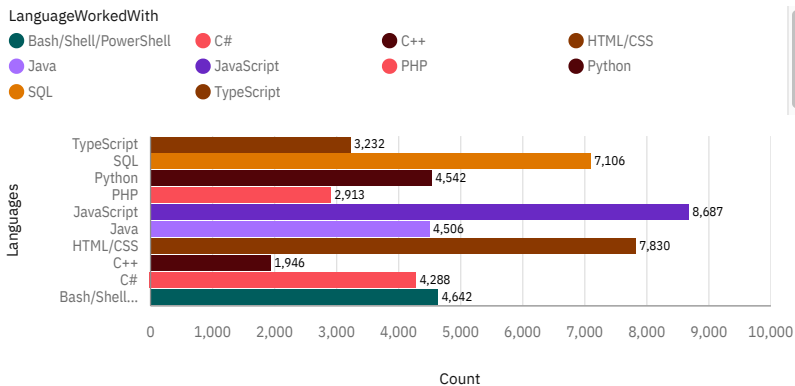## Current Technology Usage

Top 10 Languages Worked With According to 2019 Stack Overflow Respondents

LanguageWorkedWith

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

Top 10 Databases Worked With According to 2019 Stack Overflow Respondents

DatabaseWorkedWith

● Elasticsearch   ● Firebase   ● MariaDB   ● Microsoft SQL Server
● MongoDB   ● MySQL   ● Oracle   ● PostgreSQL
● Redis   ● SQLite
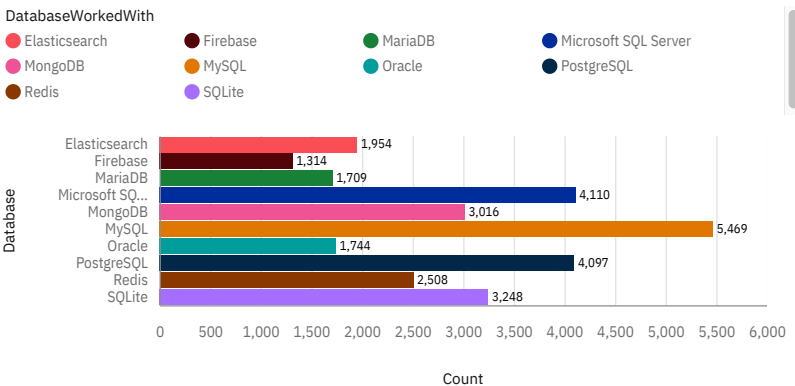
Platforms Worked With According to 2019 Stack Overflow Respondents

PlatformWorkedW...

0 ——————— 5,811

PlatformWorkedWith

● (no value)   ● AWS   ● Android
● Arduino   ● Docker   ● Google Cloud Platform
● Heroku   ● IBM Cloud or Watson   ● Kubernetes
● Linux   ● MacOS   ● Microsoft Azure
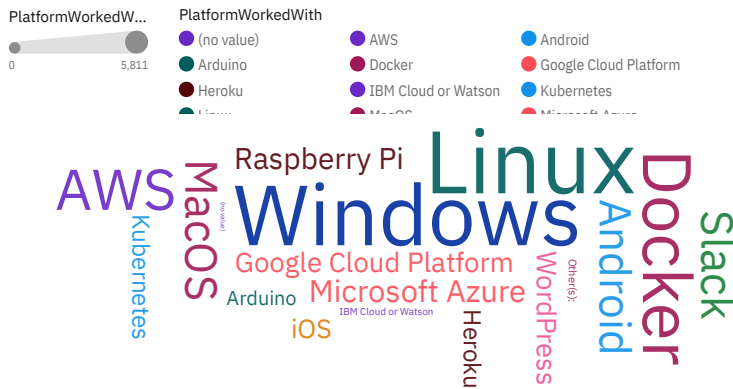
Top 10 WebFrames Worked With According to 2019 Stack Overflow Respondents

WebFrameWorked...

939 ——————— 4,629

WebFrameWorkedWith

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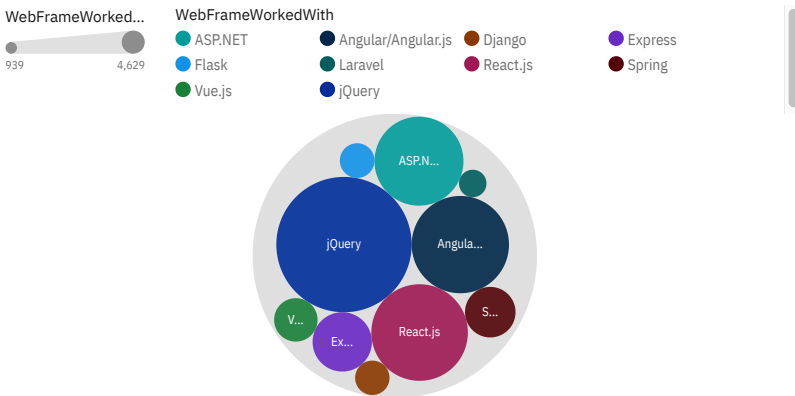
Future Technology Trend

Language Desired Next Year According to 2019 Stack Overflow Respondents

LanguageDesireNextYear

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

Language	Count
Bash/Shell/PowerShell	3,097
C#	3,591
Go	2,759
HTML/CSS	5,328
Java	2,953
JavaScript	6,630
Kotlin	1,890
Python	5,239
SQL	5,012
TypeScript	4,088
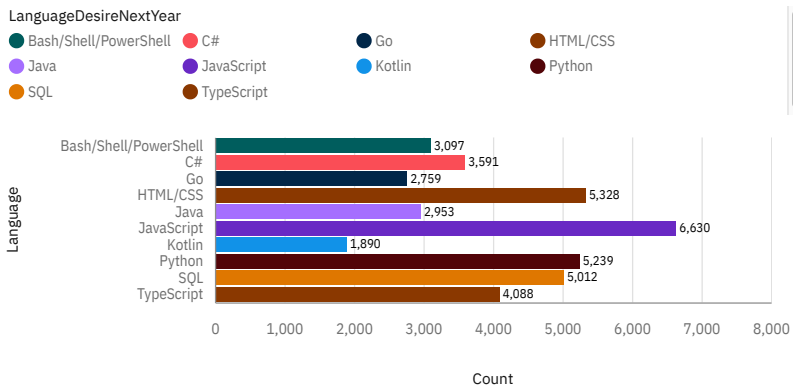
Database Desired Next Year According to 2019 Stack Overflow Respondents

DatabaseDesireNextYear

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

Database	Count
DynamoDB	1,044
Elasticsearch	2,856
Firebase	1,650
MariaDB	1,385
Microsoft SQL Server	2,706
MongoDB	3,649
MySQL	3,281
PostgreSQL	4,328
Redis	3,331
SQLite	2,437
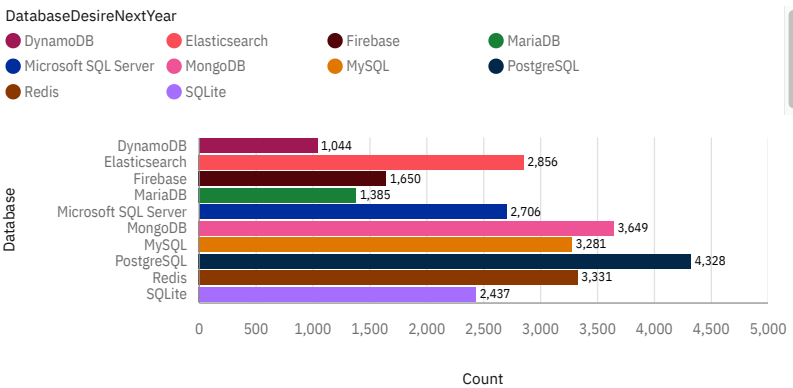
Platform Desired Next Year According to 2019 Stack Overflow Respondents

PlatformDesireNe... 0 — 5,865

PlatformDesireNe... 0 — 5,865
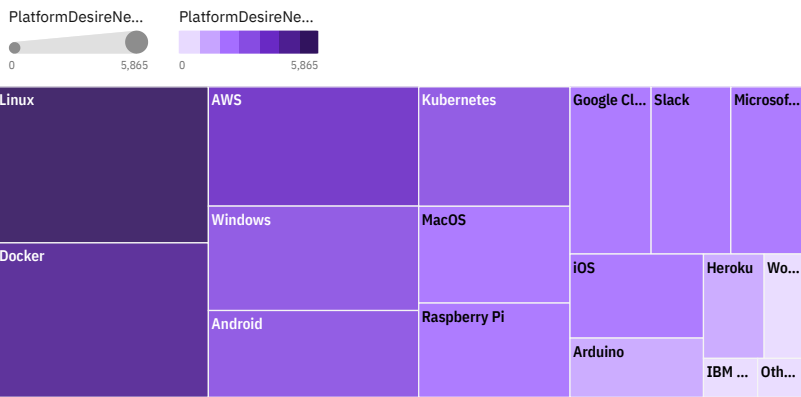
WebFrame Desired Next Year According to 2019 Stack Overflow Respondents

WebFrameDesire... 0 — 4,714

WebFrameDesireNextYear

- ● (no value)
- ● ASP.NET
- ● Angular/Angular.js
- ● Django
- ● Drupal
- ● Express
- ● Flask
- ● Laravel
- ● Other(s):
- ● React.js
- ● Ruby on Rails
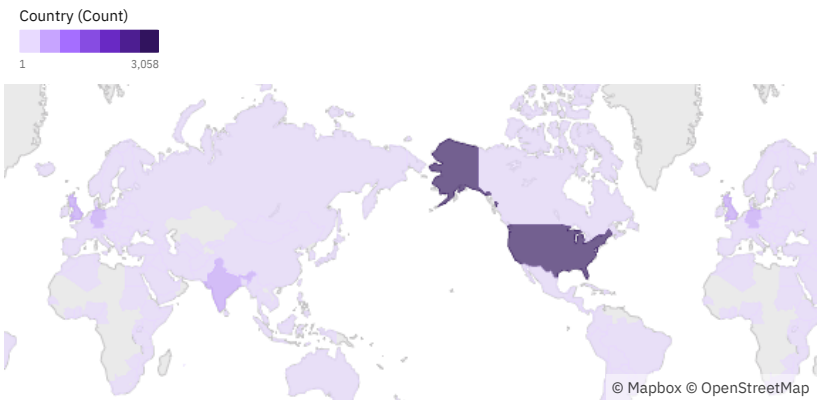- ● Spring
- ● Vue.js
- ● jQuery
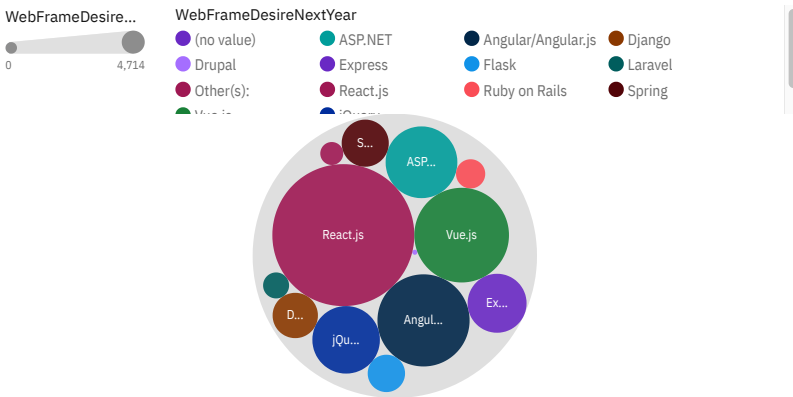
Demographics

Percentage by Gender (Filtered by Man and Woman Only) According to 2019 Stack Overflow Respondents

Gender
● Woman ● Man

93.5%
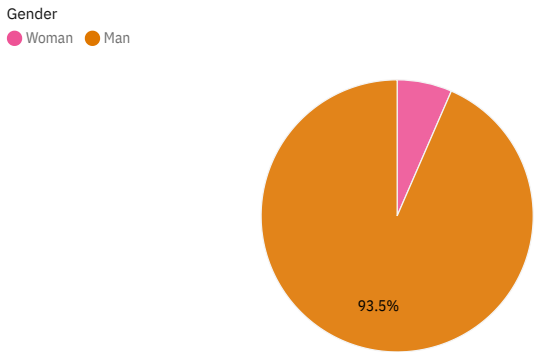
Corresponding Countries for 2019 Stack Overflow Respondents by Count

Country (Count)

1   3,058

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Count by Age According to 2019 Stack Overflow Respondents

Number of Respondents (y-axis)

800 — 724, 774
706, 706
666, 639
570, 521
403, 480
389, 388
307, 278
196, 277, 185
108, 161, 136
29, 94, 65, 64
2, 6, 56, 32, 13, 10, 11, 2, 10, 5, 7, 2, 1, 1, 2, 1, 1, 0

Age (x-axis): 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, (...
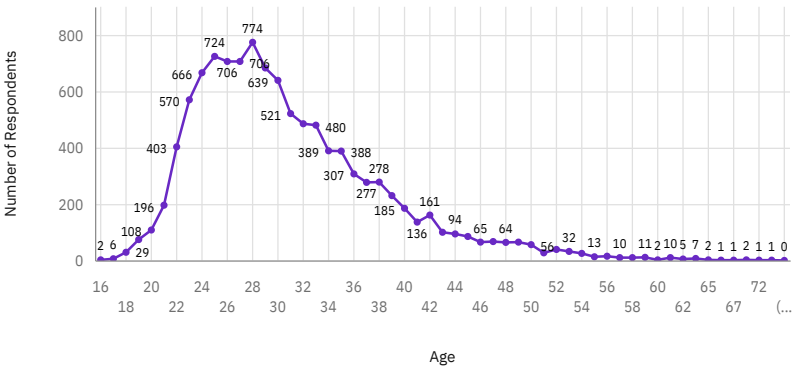
Gender by Formal Education Level According to 2019 Stack Overflow Respondents

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...

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

Woman: 731

Count (x-axis): 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