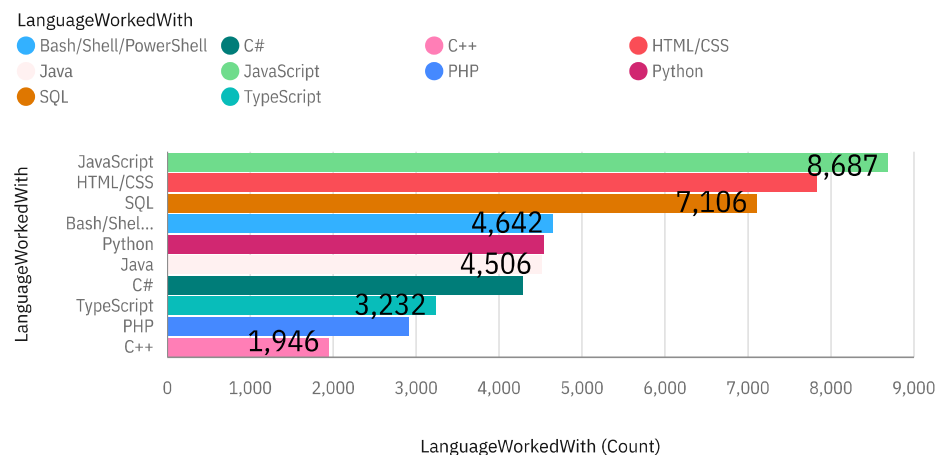## Current Technology Usage
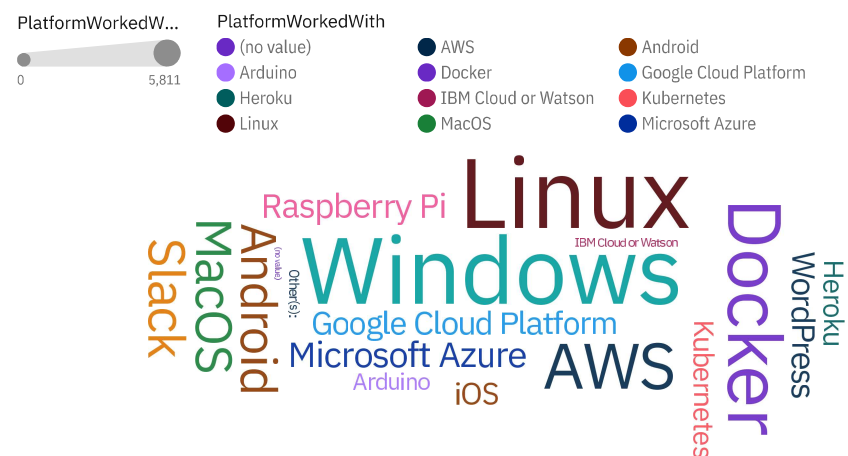
Top 10 Languages worked with
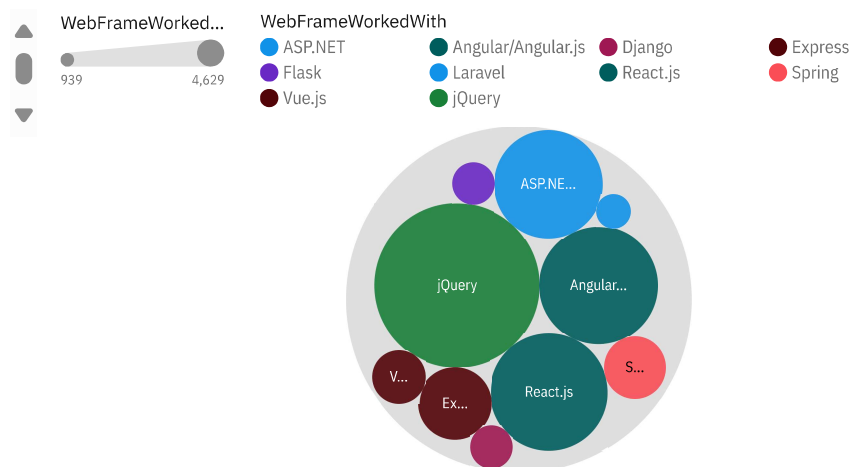
LanguageWorkedWith

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

- JavaScript — 8,687
- HTML/CSS — 7,106
- SQL
- Bash/Shel... — 4,642
- Python
- Java — 4,506
- C#
- TypeScript — 3,232
- PHP
- C++ — 1,946

LanguageWorkedWith (Count)

Top 10 Databases worked with

DatabaseWorkedWith

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

Firebase 1,314 | MariaDB 1,709 | Oracle 1,744 | Elasticsearch 1,954 | Redis 2,508 | MongoDB 3,016 | SQLite 3,248 | PostgreSQL 4,097 | Microsoft SQL Server 4,110 | MySQL 5,469

DatabaseWorkedWith
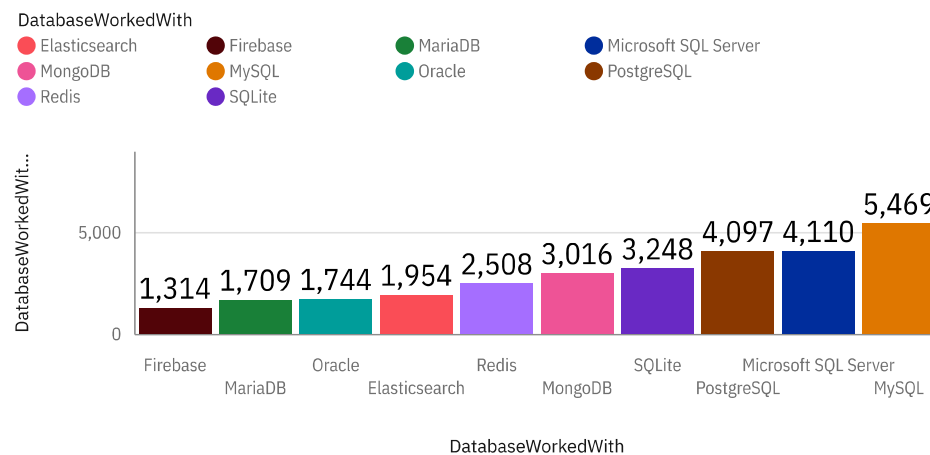
Platform that are worked with

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 Frames worked with

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 languages desired to learn next year

LanguageDesireNextYear

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

JavaScript	6,630
HTML/CSS	5,328
Python	5,012
SQL	
TypeScript	4,088
C#	
Bash/Shell/PowerShell	3,097
Java	
Go	2,759
Kotlin	

LanguageDesireNextYear (Count)
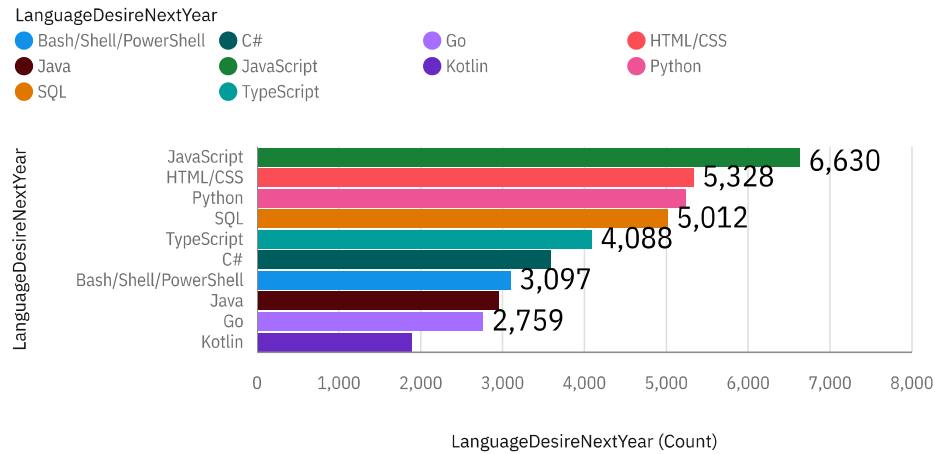
Top 10 Databases desired to learn next year

DatabaseDesireNextYear

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

DynamoDB 1,044 · MariaDB 1,385 · Firebase 1,650 · SQLite 2,437 · Microsoft SQL Server 2,706 · Elasticsearch 2,856 · MySQL 3,281 · Redis 3,331 · MongoDB 3,649 · Postgr... 4,328

DatabaseDesireNextYear
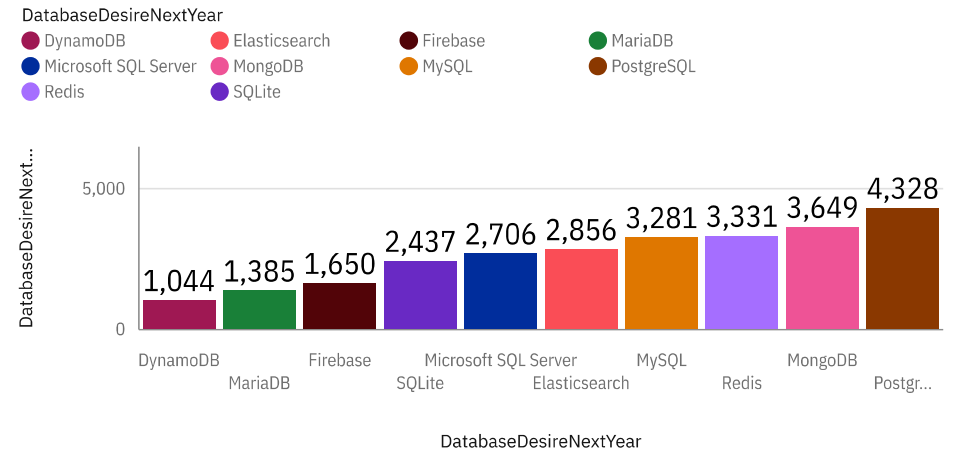
Platform desired to learn next year

PlatformDesireNe...   0 — 5,865
PlatformDesireNe...   0 — 5,865

Linux · Docker · AWS · Windows · Android · Kubernetes · MacOS · Raspberry Pi · Google Cl... · Slack · iOS · Arduino · Microsof... · Heroku · Wo... · IBM ... · Oth...
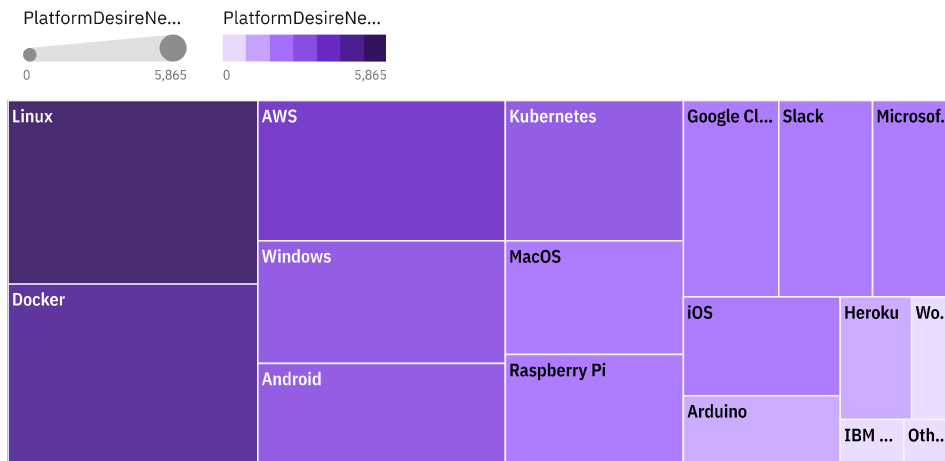
Top 10 Web Frames desired to learn next year

WebFrameDesire...   970 — 4,714

WebFrameDesireNextYear

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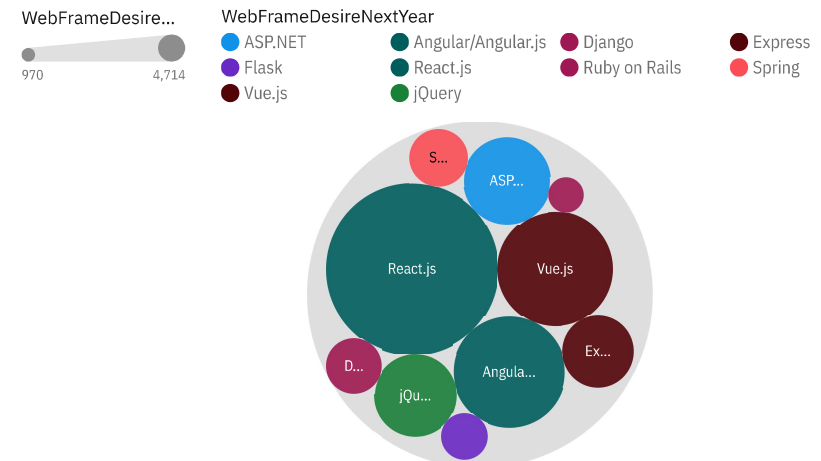
Demographics

Respondent classified by Gender

Gender
● Wo... 731 ● Man 10,480

6.5%

93.5%

Respondent Count for Countries

Respondent (Count)
1 — 3,058

Country
● Australia   ● Israel
● South Africa   ● Austria
● Argentina   ● Iran
● Hungary   ● United Arab Emirates

© Mapbox © OpenStreetMap
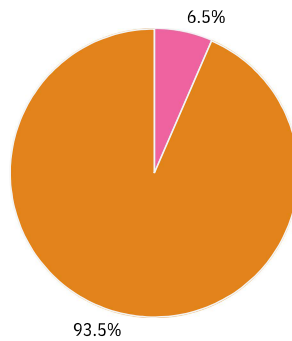
Age Distribution of Respondents

Age values (in order along the line): 2, 6, 108, 29, 196, 403, 570, 666, 724, 706, 774, 706, 639, 521, 389, 480, 307, 388, 278, 277, 185, 136, 161, 94, 65, 64, 56, 32, 13, 10, 11, 2, 10, 5, 7, 2, 1, 2, 1, 278, 1

Y-axis: Respondent (Count distinct) — 0, 200, 400, 600, 800

X-axis: Age — 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, (...)

Respondent Count by Gender, classified by Formal Education Level

Gender
● Man   ● Woman

EdLevel	Respondent (Count distinct)
(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...	
Some college/university study without earning a degree	1,280

X-axis: Respondent (Count distinct) — 0, 1,000, 2,000, 3,000, 4,000, 5,000, 6,000