Current Technology Usage

Top 10 Languages by Usage

Language

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

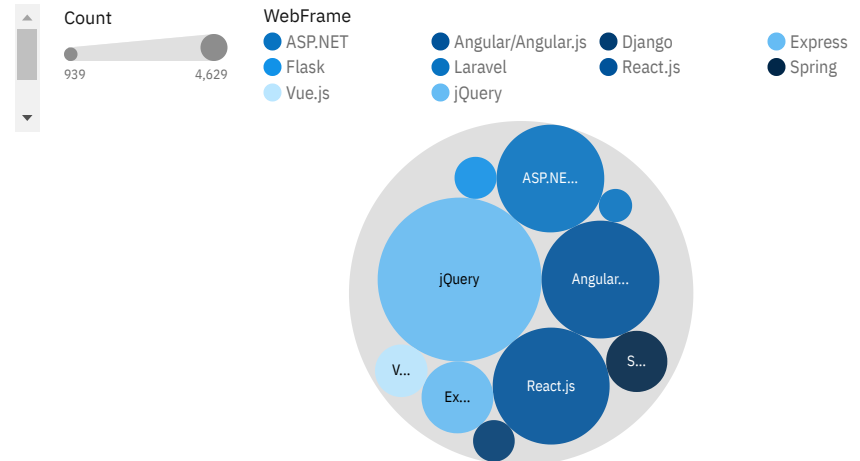| Language	Count
JavaScript	8,687
HTML/CSS	7,830
SQL	7,106
Bash/Shell/PowerShell	4,642
Python	4,542
Java	4,506
C#	4,288
TypeScript	3,232
PHP	2,913
C++	1,946
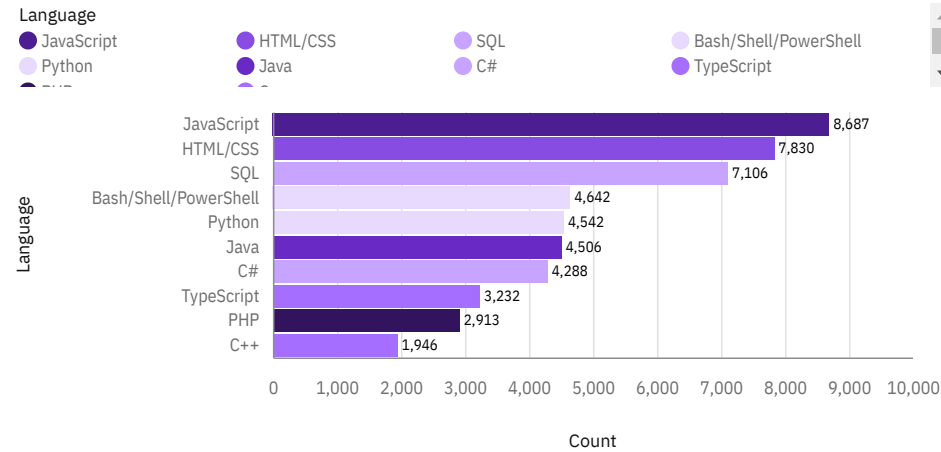
Top 10 Databases by Usage

Database

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

Database	Count
MySQL	5,469
Microsoft SQL Se...	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

Platform Usage

Count
215   5,811

Platform

- AWS
- Android
- Arduino
- Docker
- Google Cloud Platform
- Heroku
- IBM Cloud or Watson
- Kubernetes
- Linux
- MacOS
- Microsoft Azure
- Raspberry Pi

Top 10 WebFrames by Usage

Count
939   4,629

WebFrame

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

Future Technology Trend

Top 10 Languages Desired by Respondents

Language

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

Language	Count
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
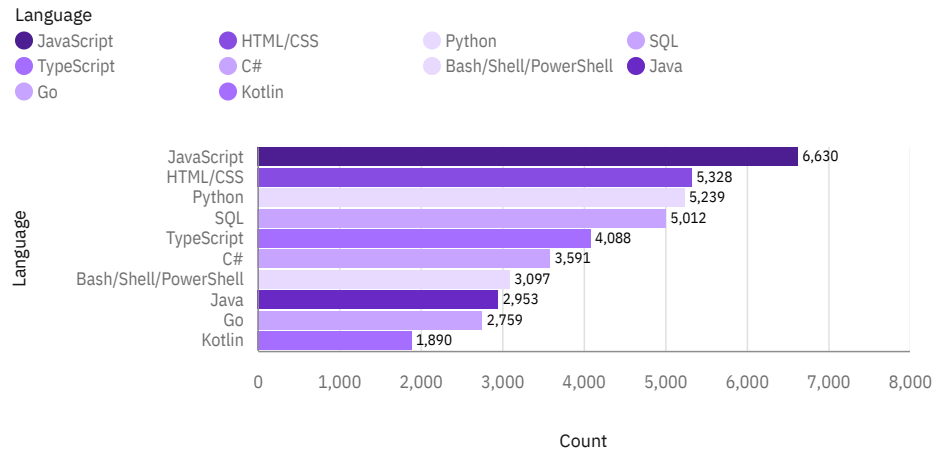
Top 10 Database Desired by Respondents

Database

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

Database	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
DynamoDB	1,044
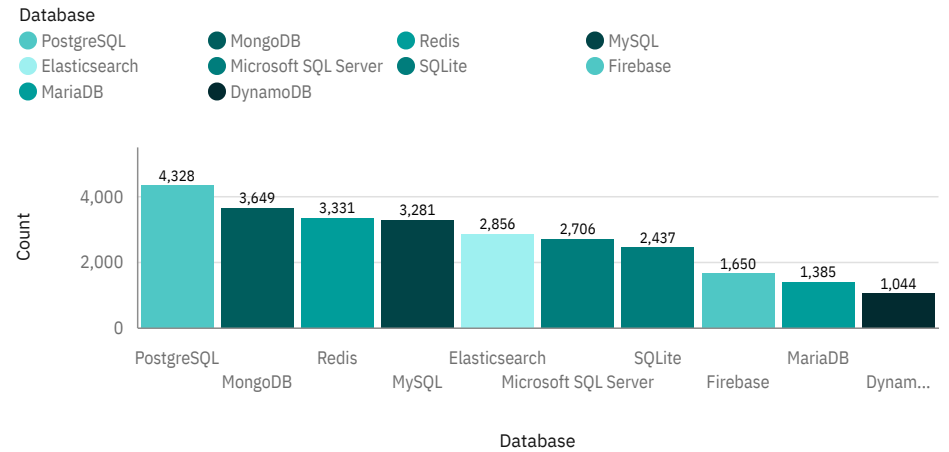
Platforms Desired by Respondents

Count: 0 — 5,865

Platform: 0 — 5,865

Linux, Docker, AWS, Windows, Android, Kubernetes, MacOS, Raspberry Pi, Google Cl..., iOS, Arduino, Slack, Heroku, IBM ..., Microsof..., Wo..., Oth...
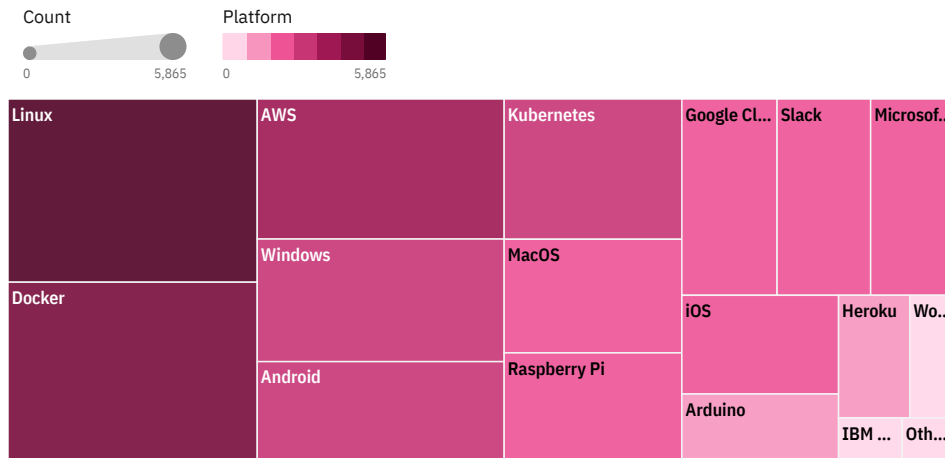
WebFrames Desired by Respondents

Count: 970 — 4,714

WebFrame

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

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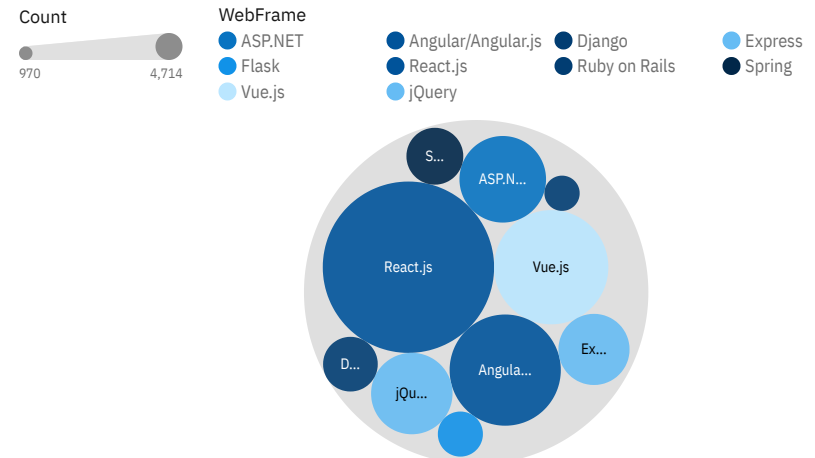
Demographics

Gender of Respondents

Gender
- Woman
- Man

93.5%
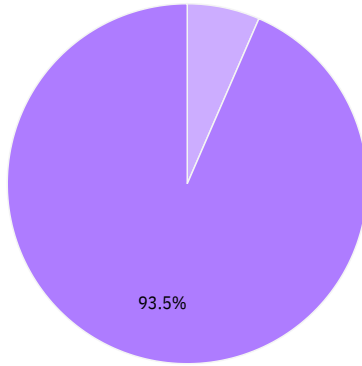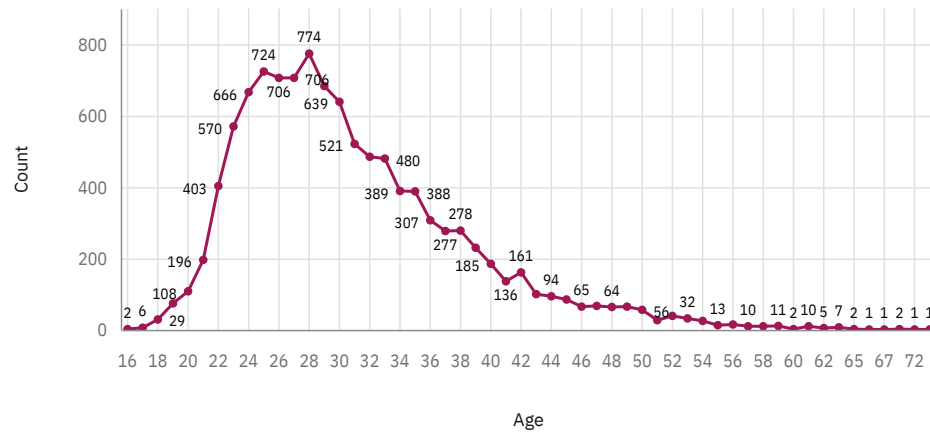
Country of Respondents

Country
- Australia
- Israel
- South Africa

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Age of Respondents

Count (y-axis): 0, 200, 400, 600, 800

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

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
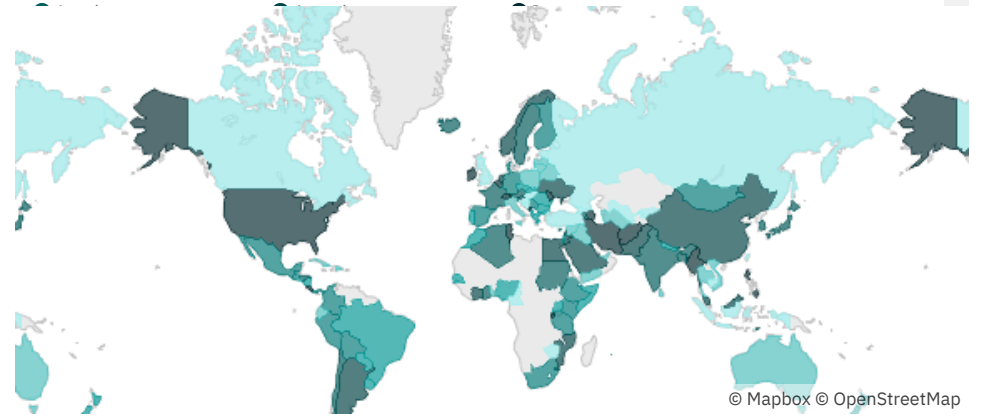
Formal Education Level of Respondents

Education Level
- (no value)
- I never completed any formal edu…
- Primary/elementary school
- Some college/university study wit…
- 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 …

Gender:
- Man: 357 | 5,341 | 2,484 | 482 | 1,280
- Woman

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