Current Technology Usage

Top 10 Languages Worked With

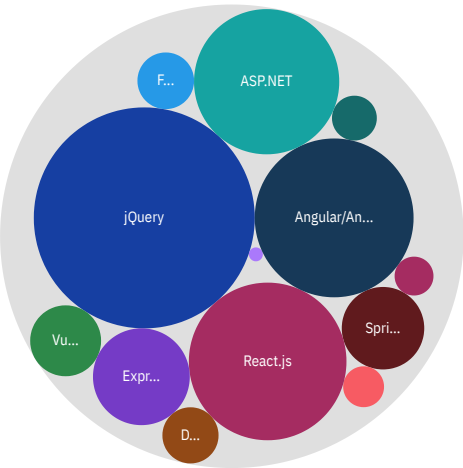| Language	Count
JavaScript	8,687
HTML/CSS	7,830
SQL	7,106
Bash/Shell/PowerShell	4,642
Python	4,542
Java	4,506
C#	4,288
TypeScript	3,232
PHP	2,913
C++	1,946
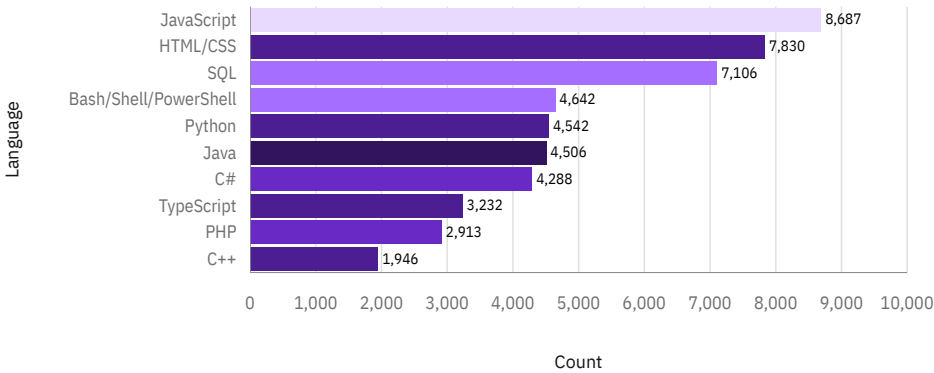
Top 10 Databases Worked With

Database	Count
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

Platforms Worked With

AWS Linux Others Arduino Kubernetes Android Windows Docker Slack IBM Cloud or Watson Google Cloud Platform MacOS Microsoft Azure Heroku Raspberry Pi WordPress iOS
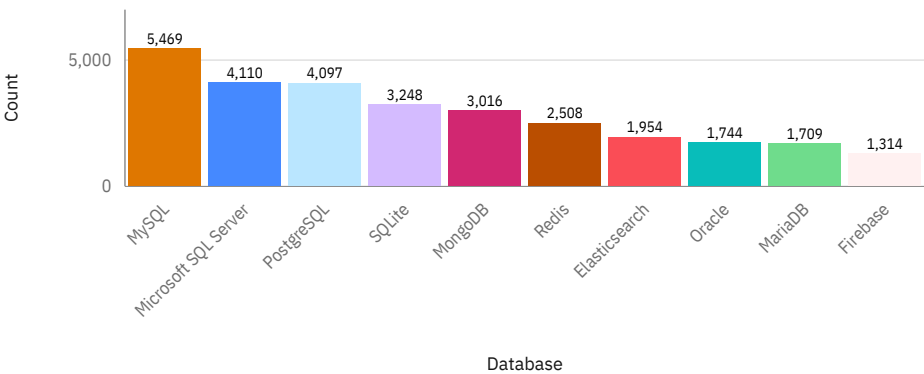
Top 10 Webframes Worked With

F... ASP.NET jQuery Angular/An... Vu... Expr... React.js Spri... D...

Future Technology Trend

Top 10 Desired Languages to Work with Next Year

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
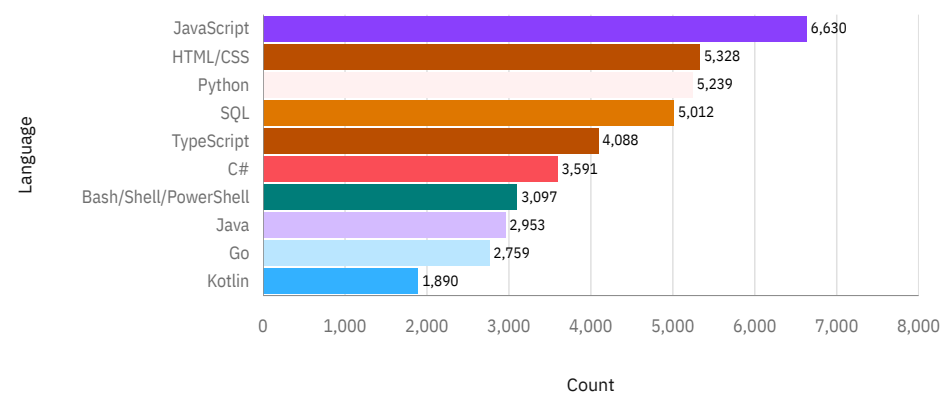
Top 10 Desired Databases to Work With Next Year

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
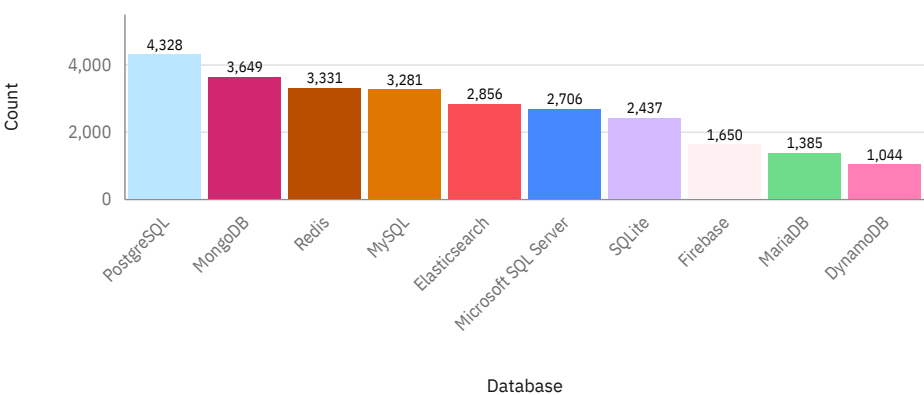
Desired Platforms to Work with Next Year

Linux
Docker
AWS
Windows
Android
Kubernetes
MacOS
Raspberry Pi
Google Cloud Pl...
Microsoft Azure
iOS
Slack
Arduino
Hero...
WordPress
IBM Cloud ...

Top 10 Desired Webframes to Work with Next Year

React.js
Sp...
ASP.NE...
Vue.js
Dja...
jQuery
Angular/A...
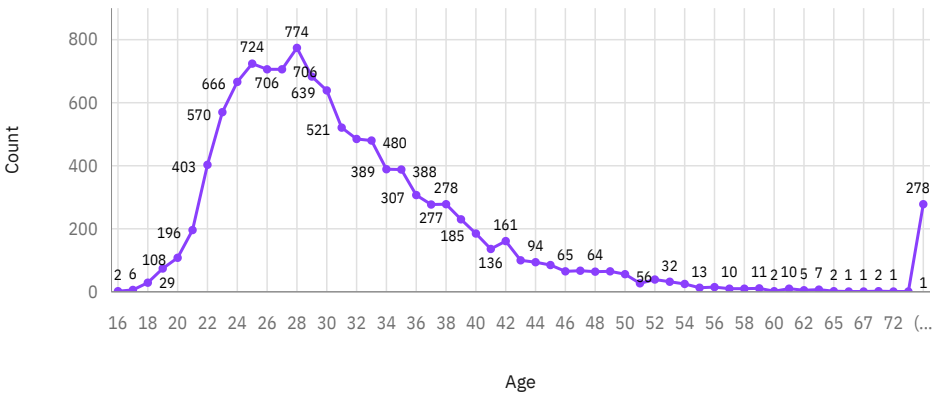Expre...
F...
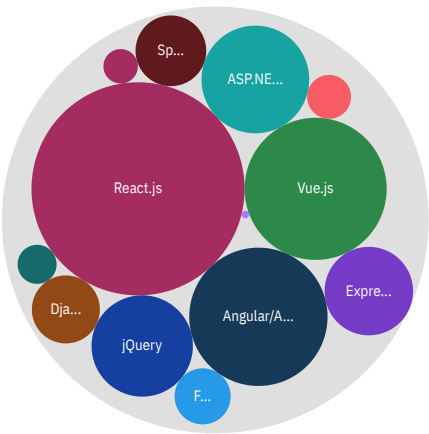
Demographics

Respondents Gender Ratio

Gender
- Woman
- Man

93.5%
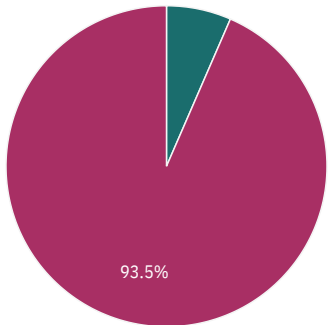
Respondent Count for Countries

Respondent_Coun...

865   38,170,293

© Mapbox © OpenStreetMap

Age of Respondents

Count

2 6 108 29 196 403 570 666 724 706 774 706 639 521 389 307 480 388 277 278 185 136 161 94 65 64 56 32 13 10 11 2 10 5 7 2 1 1 2 1 278 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 72 (...

Age
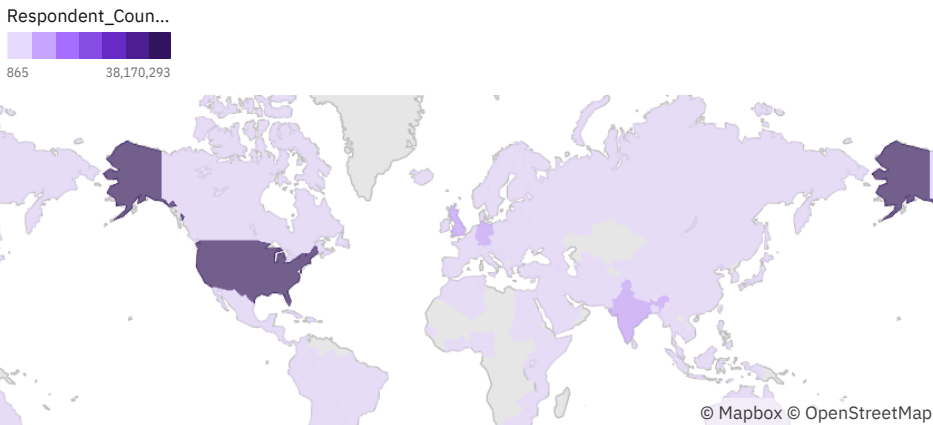
Education Level across Genders

EdLevel
- 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

Woman

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

Count

Additional Visuals

Number of Job postings by Technology

Technology	Number of Job Postings
C	13498
Java	2609
Python	1173
Oracle	784
JavaScript	355
C#	333
C++	305
SQL Server	250
MongoDB	174
Scala	33
PostgreSQL	10
MySQL Server	0

Number of Job Postings
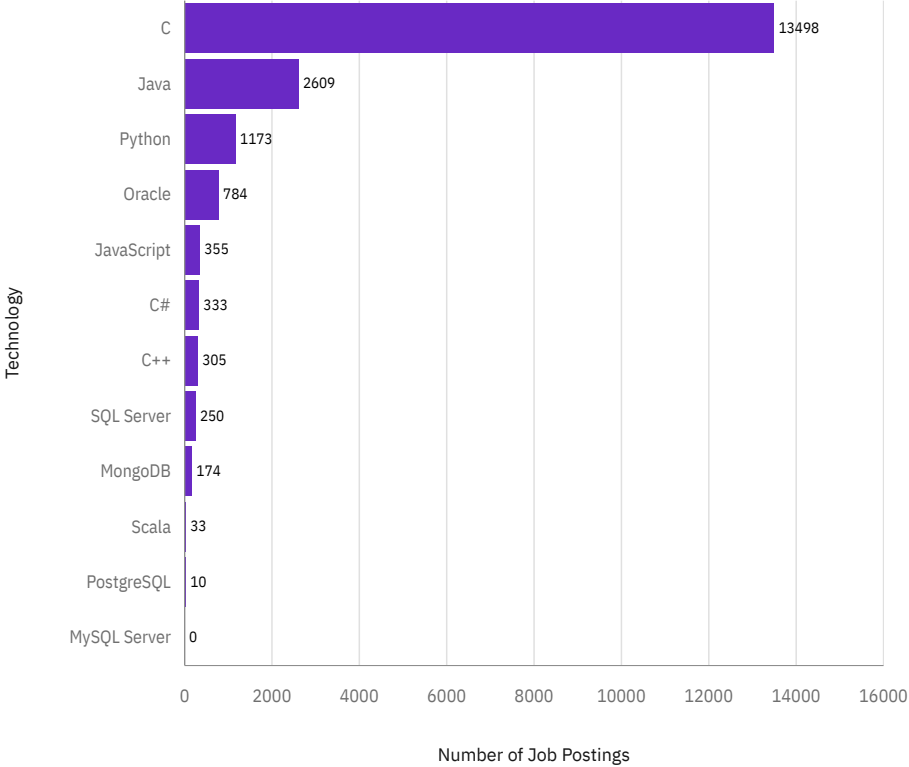
Programming Languages and their Average Annual Salary

Language	Average Annual Salary
Swift	130,801
Python	114,383
C++	113,865
Javascript	110,981
Java	101,013
Go	94,082
R	92,037
C#	88,726
SQL	84,793
PHP	84,727