Current Technology Usage

Top 10 Languages Used

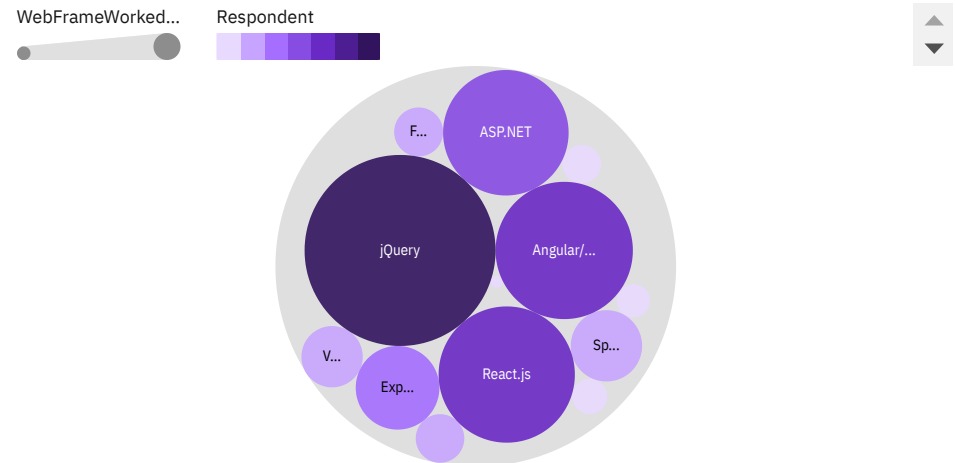| Language	Number of Respondents (Sum)
JavaScript	108,371,442
HTML/CSS	97,521,608
SQL	88,712,115
Bash/Shell/PowerShell	57,976,092
Python	56,108,957
Java	55,836,723
C#	53,376,993
TypeScript	40,230,558
PHP	36,438,296
C++	24,456,246

Top 10 Databases Used

Database	Number of Respondents (Sum)
Firebase	16,227,799
Oracle	21,247,003
MariaDB	21,299,862
Elasticsearch	24,154,705
Redis	31,557,370
MongoDB	37,462,758
SQLite	40,137,629
Microsoft SQL S...	51,056,094
PostgreSQL	51,129,157
MySQL	68,301,583

Platforms Interacted

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

Top 10 Webframes Used

WebFrameWorked...   Respondent

ASP.NET F... jQuery Angular/... V... Exp... React.js Sp...

Future Technology Trend

Top 10 Desired Language to Learn

LanguageDesireNextYear	Respondent (Sum)
Bash/Shell/PowerShell	38,409,434
C#	44,603,822
Go	34,588,729
HTML/CSS	65,736,854
Java	36,736,341
JavaScript	82,435,603
Kotlin	23,464,961
Python	65,819,056
SQL	62,270,210
TypeScript	50,369,647
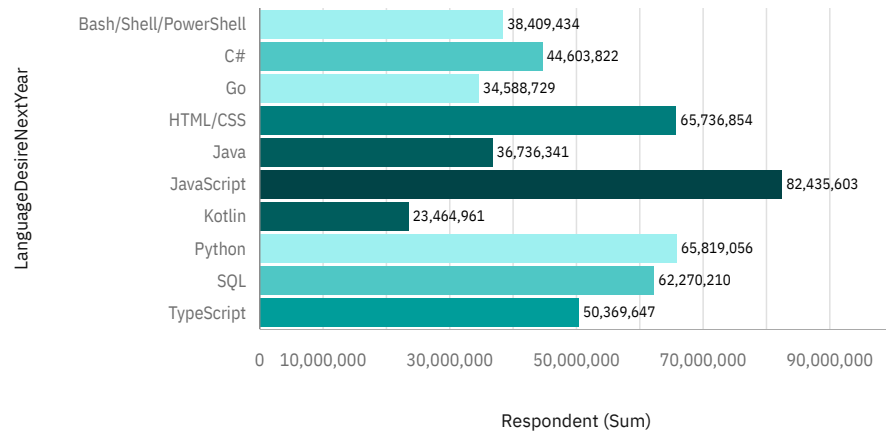
Top 10 Desired Database to Learn

DatabaseDesireNextYear — Respondent (Sum)

Database	Value
DynamoDB	12,995,539
Elasticsearch	35,314,757
Firebase	20,585,232
MariaDB	17,280,016
Microsoft SQL Ser...	33,649,369
MongoDB	45,897,489
MySQL	41,353,217
PostgreSQL	53,804,386
Redis	41,370,718
SQLite	30,320,901
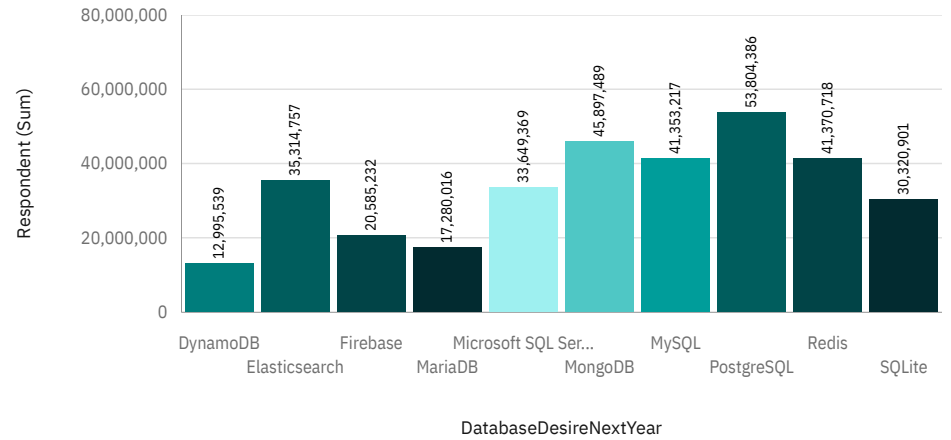
Top 10 Desired Platform to Learn

Respondent (Sum): 29,377,988 — 73,486,491
PlatformDesireNe...: 2,359 — 5,865

Linux
Docker
AWS
Windows
Android
Kubernetes
MacOS
Raspberry...
Google Cl...
Slack
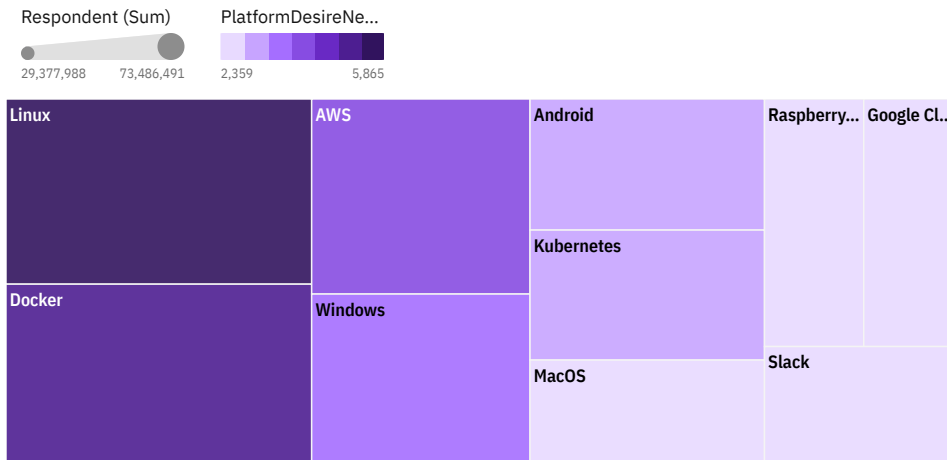
Top 10 Desired Webframe to Learn

WebFrameDesire...: 970 — 4,714
Respondent (Sum): 11,886,651 — 58,321,909

S...
ASP.N...
React.js
Vue.js
D...
jQu...
Angular...
Ex...
F...
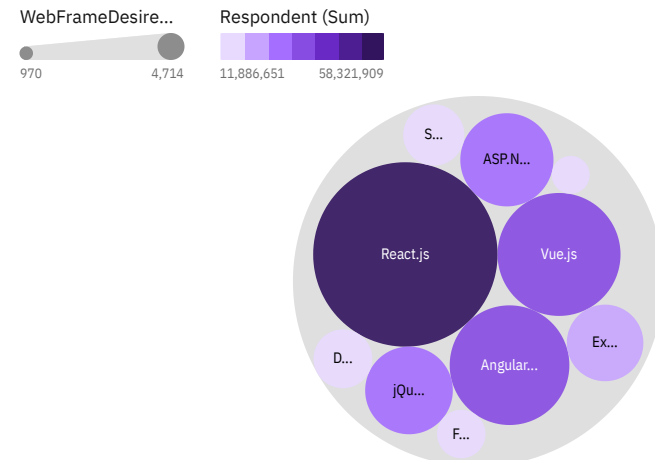
Demographics

Respondent by Gender

Gender
○ Woman ● Man

6.5%

93.5%
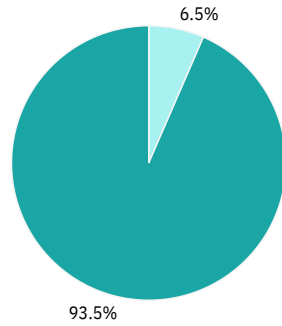
Respondent Count for Countries

Respondent (Count)

1   3,058

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Respondent Count by Age

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

Y-axis: Respondent (Count) — 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, (...)
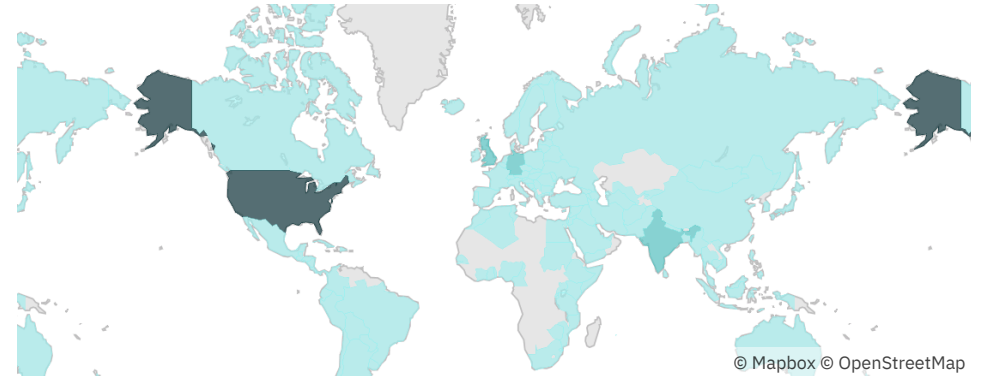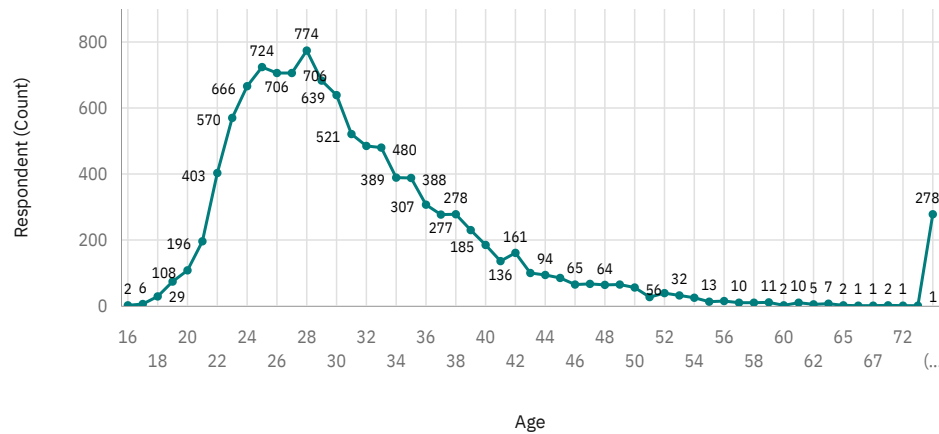
Formal Education Level by Gender

Education
● Associate degree
● Bachelor's degree (BA, BS, ...
● I never completed any form...
○ Master's degree (MA, MS, M...
○ Other doctoral degree (Ph.D...
● Primary/elementary school
● Professional degree (JD, MD...
● Secondary school (e.g. Ame...
● Some college/university stu...

Man: 5,341 | 2,484 | 1,280
Woman

X-axis: Respondent (Count) — 0, 2,000, 4,000, 6,000, 8,000, 10,000
Y-axis: Gender