Top 10 Programming Languages Used by Respondents

Legend: JavaScript, HTML/CSS, SQL, Bash/Shell/PowerShell, Python, Java, C#, TypeScript, PHP, C++

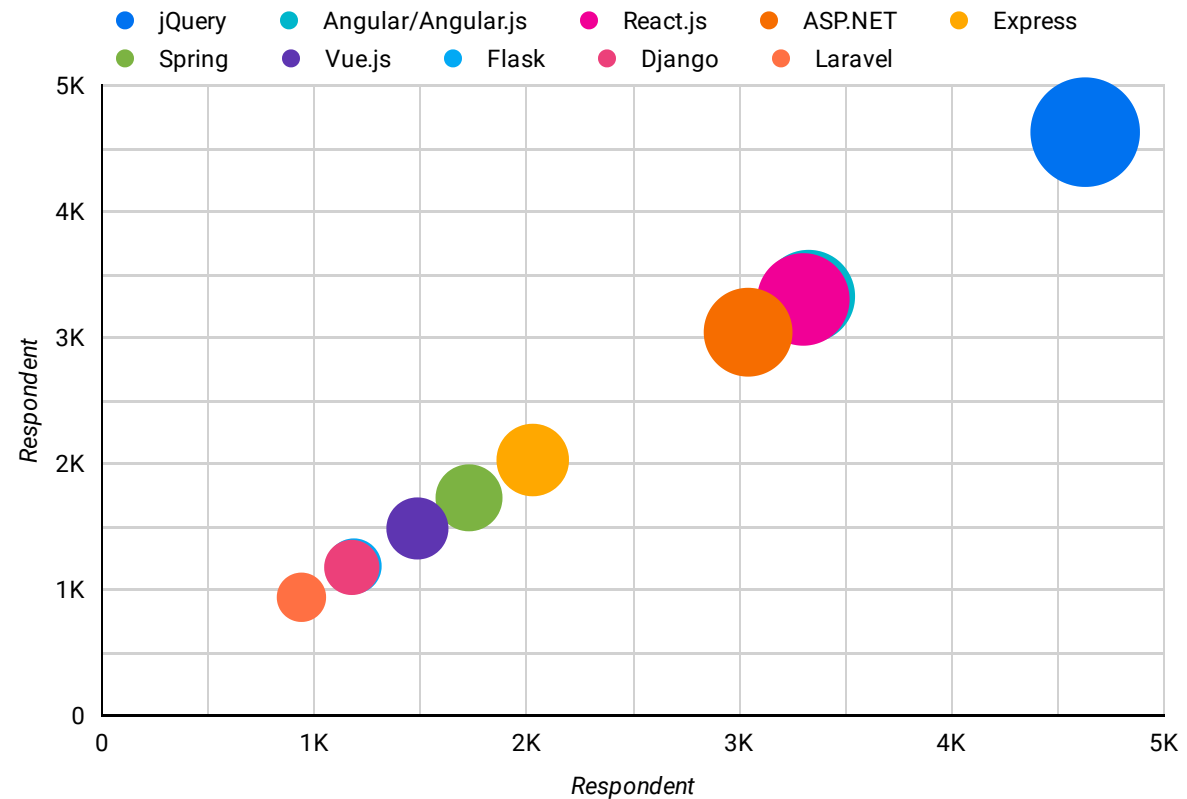| Language	Respondents
JavaScript	8,687
HTML/CSS	7,830
SQL	7,106
Bash/Shell/PowerShell	4,642
Python	4,542
Java	4,506
C#	4,288
TypeScript	3,232
PHP	2,913
C++	1,946
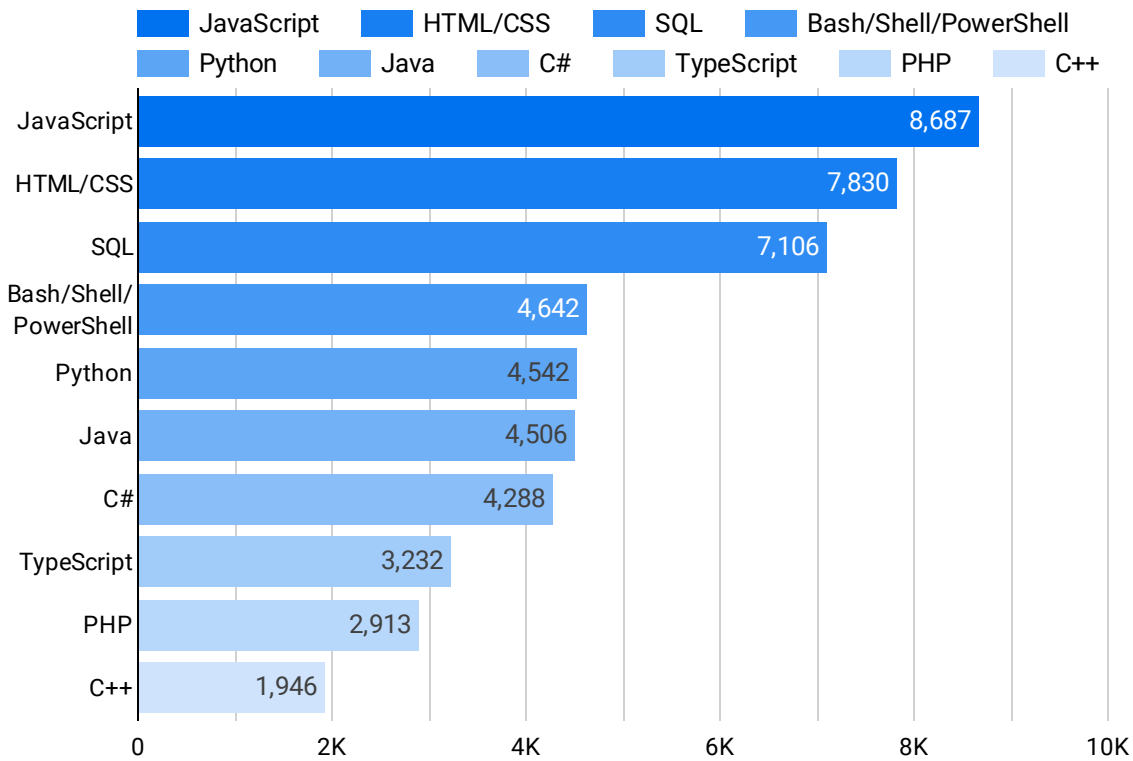
Top 10 Database Used by Respondents

Legend: MySQL, Microsoft SQ..., PostgreSQL, SQLite, MongoDB, Redis, Elasticsearch, Oracle, MariaDB, Firebase

Database	Respondents
MySQL	5,469
Microsoft S...	4,110
PostgreSQL	4,097
SQLite	3,248
MongoDB	3,016
Redis	2,508
Elasticsear...	1,954
Oracle	1,744
MariaDB	1,709
Firebase	1,314
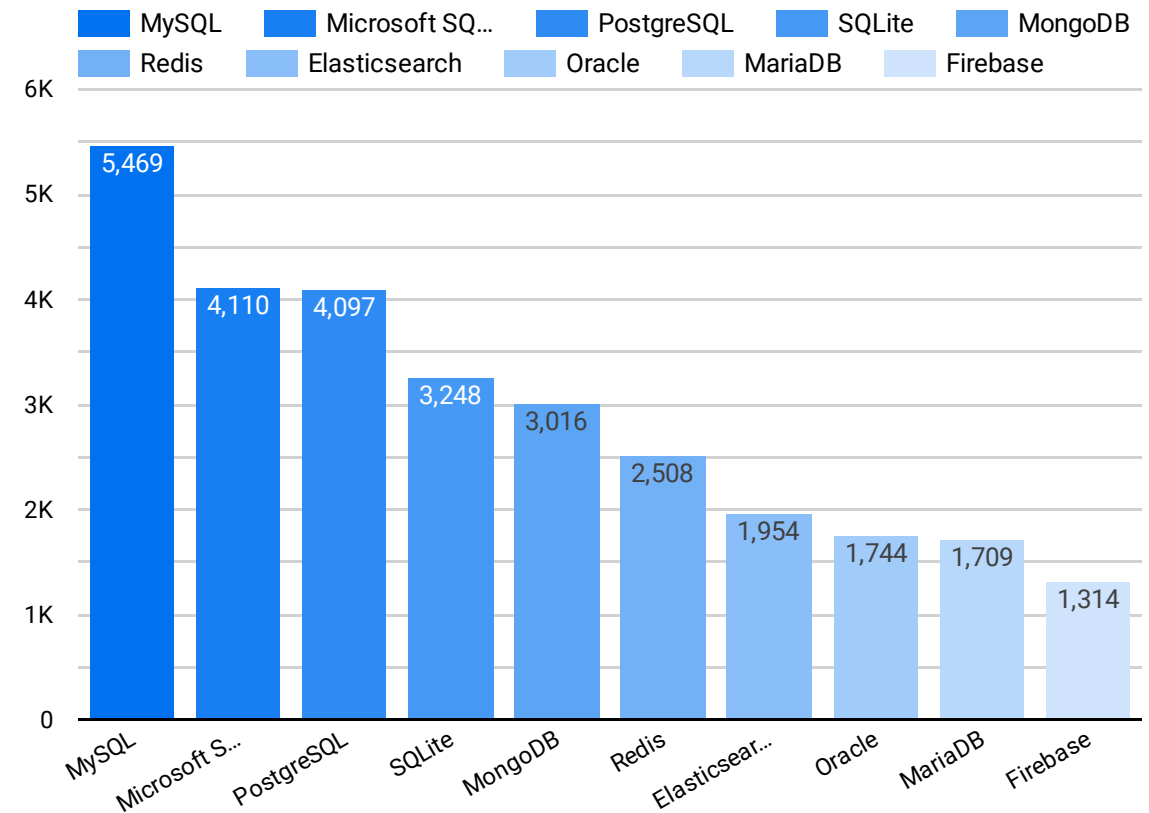
Top 10 Platforms Used by Respondents

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

Top 10 Web Frame Used by Respondents

Legend: jQuery, Angular/Angular.js, React.js, ASP.NET, Express, Spring, Vue.js, Flask, Django, Laravel

Top 10 Programming Languages Desired for Next Year

Legend: JavaScript, HTML/CSS, Python, SQL, TypeScript, C#, Bash/Shell/PowerShell, Java, Go, Kotlin

Language	Value
JavaScript	6,630
HTML/CSS	5,328
Python	5,239
SQL	5,012
TypeScript	4,088
C#	3,591
Bash/Shell/Power...	3,097
Java	2,953
Go	2,759
Kotlin	1,890
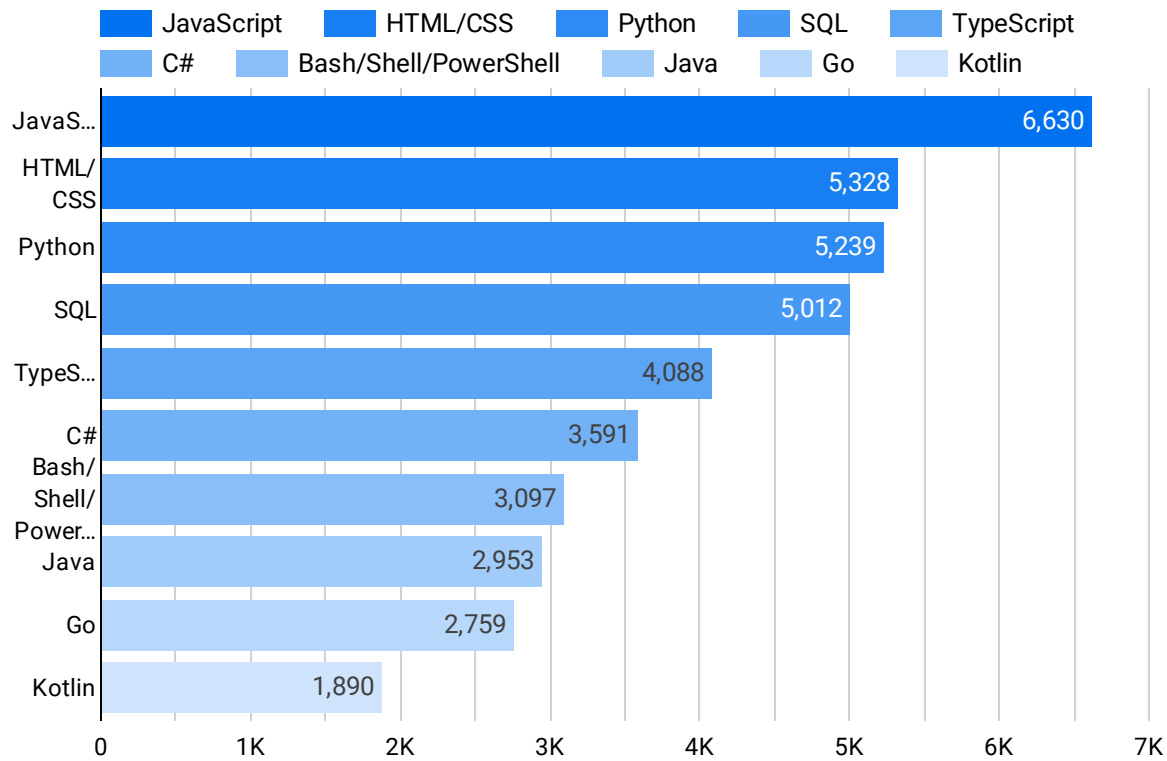
Top 10 Database Desired for Next Year

Legend: PostgreSQL, MongoDB, Redis, MySQL, Elasticsearch, Microsoft SQL..., SQLite, Firebase, MariaDB, DynamoDB

Database	Value
PostgreSQL	4,328
MongoDB	3,649
Redis	3,331
MySQL	3,281
Elasticsearch	2,856
Microsoft S...	2,706
SQLite	2,437
Firebase	1,650
MariaDB	1,385
DynamoDB	1,044
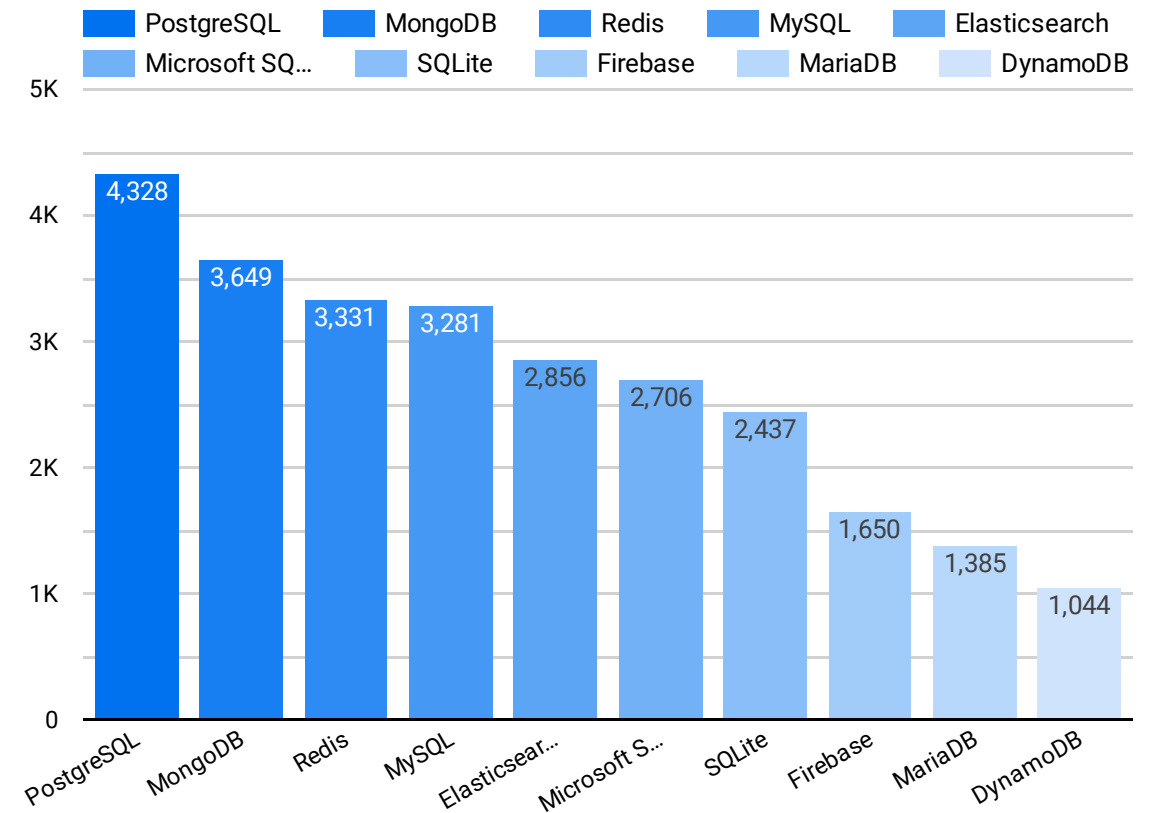
Top Platforms Desired for Next Year

All: Linux, Docker, AWS, Windows, Android, Google Cloud Platfor..., Slack, Kubernetes, Microso..., Arduino, WordPr..., MacOS, Raspberry Pi, iOS, Heroku, IBM Cl..., Other(s):
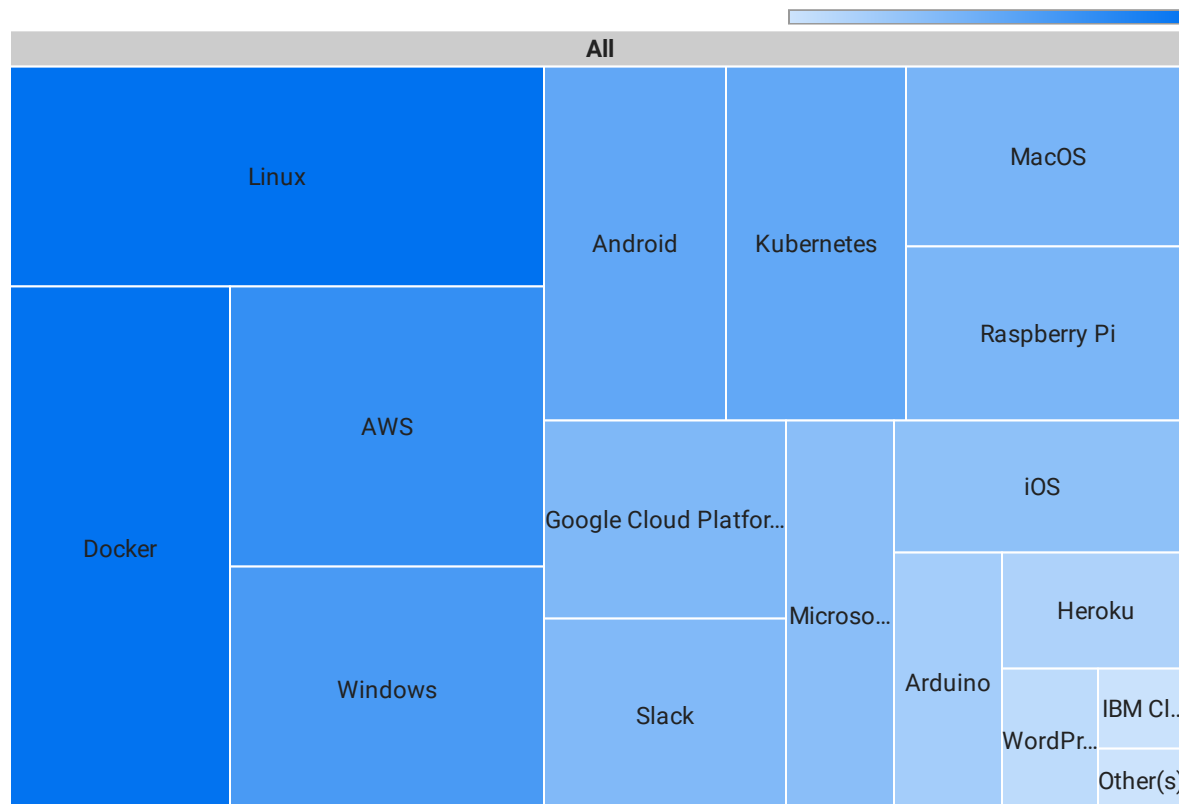
Top 10 Web Frame Desired for Next Year

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

X axis: Respondent
Y axis: Respondent
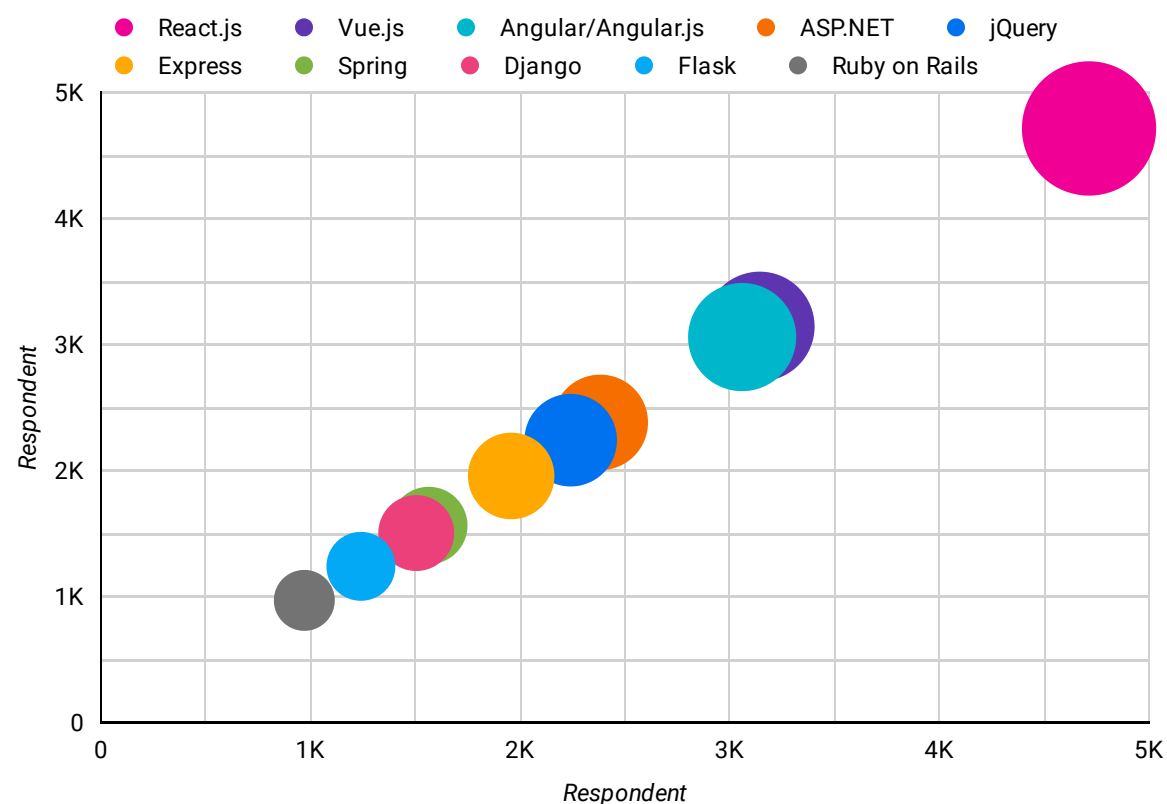
Gender Distribution of Survey Respondents

- Man — 93.7%
- Woman — 6.3%
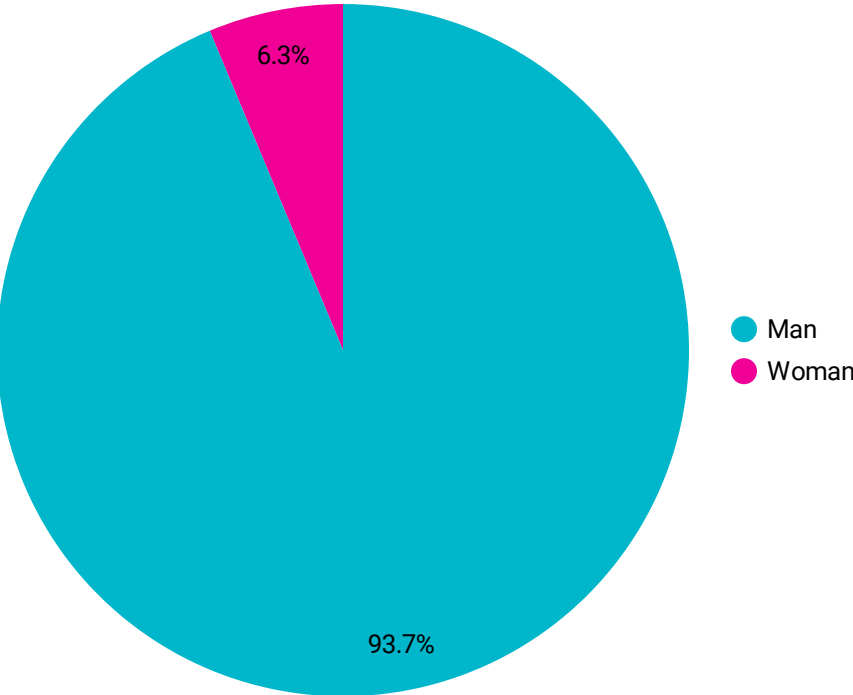
Global Distribution of Survey Respondents by Country

Respondent 865 [gradient] 38,170,293
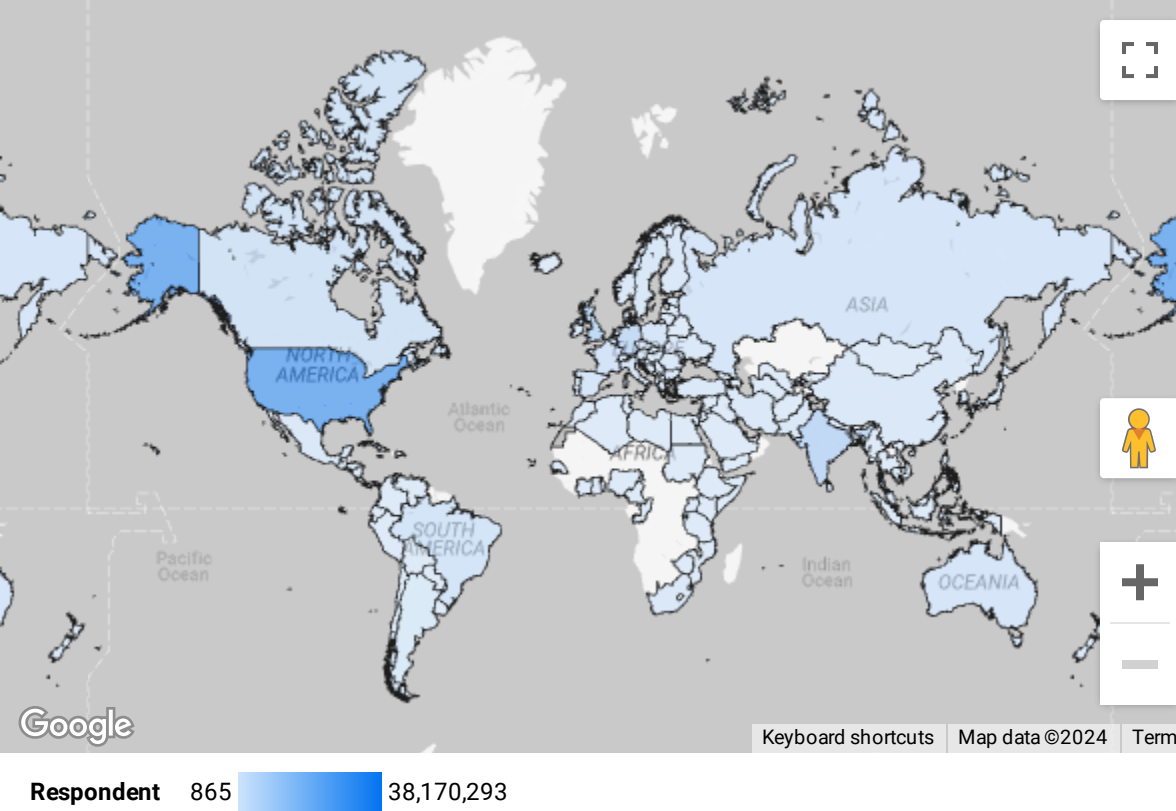
Age-wise Distribution of Survey Respondents
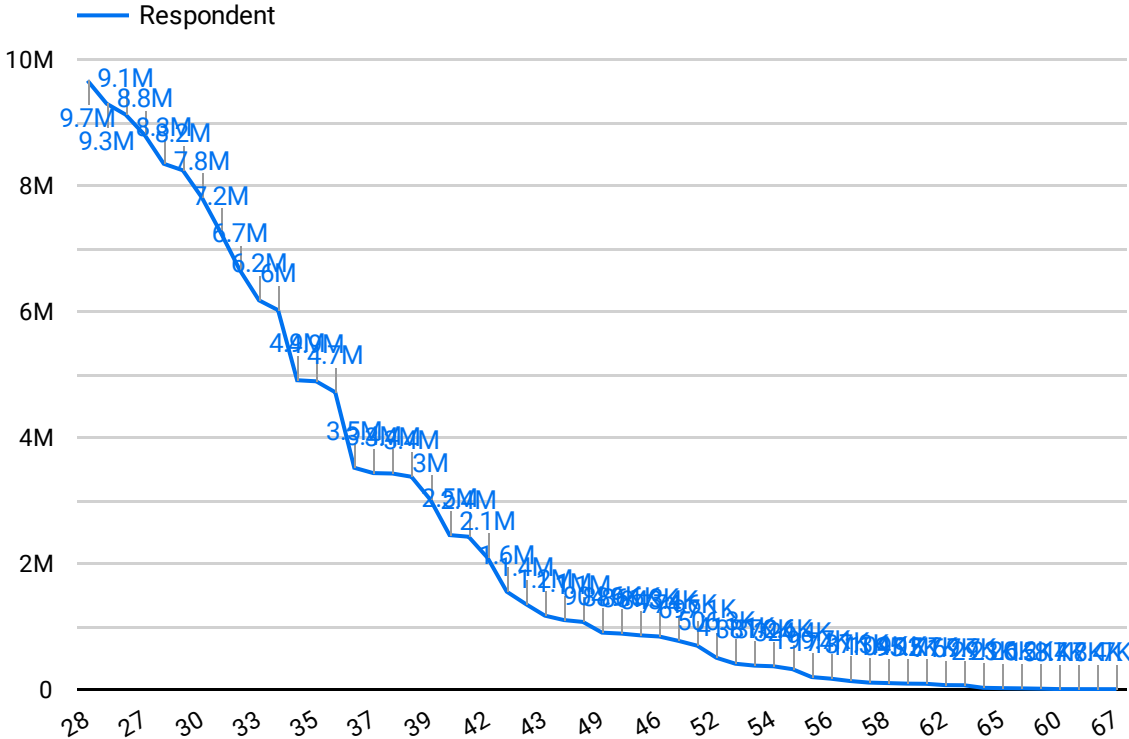
Respondent

Gender-wise Distribution of Respondents by Formal Education Level

- Man
- Woman

Education Level	Man	Woman
Bachel...	66,489,053	5,009,683
Master's degree (MA, M...	31,012,050	2,305,612
(doctoral)	16,128,572	571,408
Secon...	6,297,407 / 2,940,730	
Associ...	4,464,400 / 2,464,400	
Other doctoral degree...	1,788,834 / 1,788,834	
Profes...	69,004,886 / 62,004	
Primar...	373,853	
I never compl...	170,989 / 170,098	