Current Technology Usage

Top 10 Languages Worked With

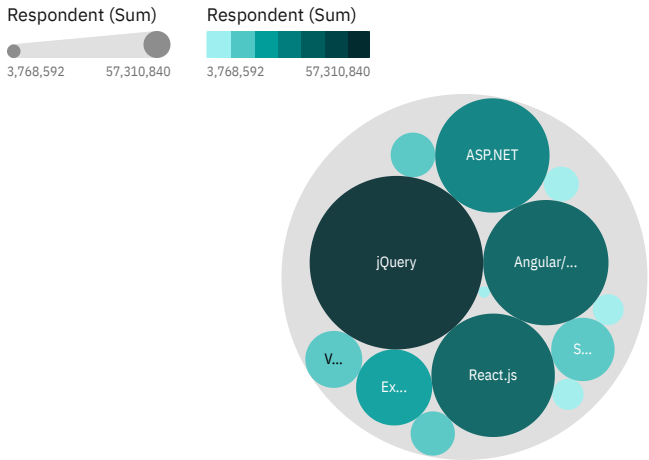| Language	Respondent (Sum)
C++	24,456,246
PHP	36,438,296
TypeScript	40,230,558
C#	53,376,993
Java	55,836,723
Python	56,108,957
Bash/Shell/PowerShell	57,976,092
SQL	88,712,115
HTML/CSS	97,521,608
JavaScript	108,371,442
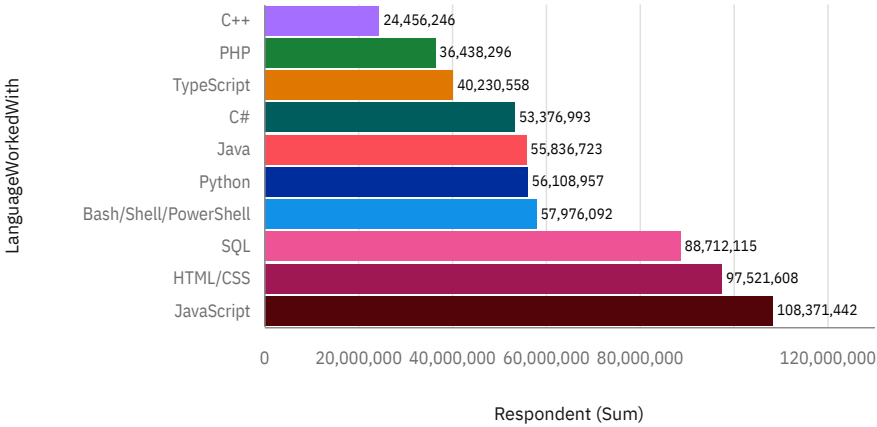
Top 10 Databases Worked With

Database	Respondent (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 ...	51,056,094
PostgreSQL	51,129,157
MySQL	68,301,583

Platforms Worked With

Respondent (Sum) 2,532,293 — 72,858,619

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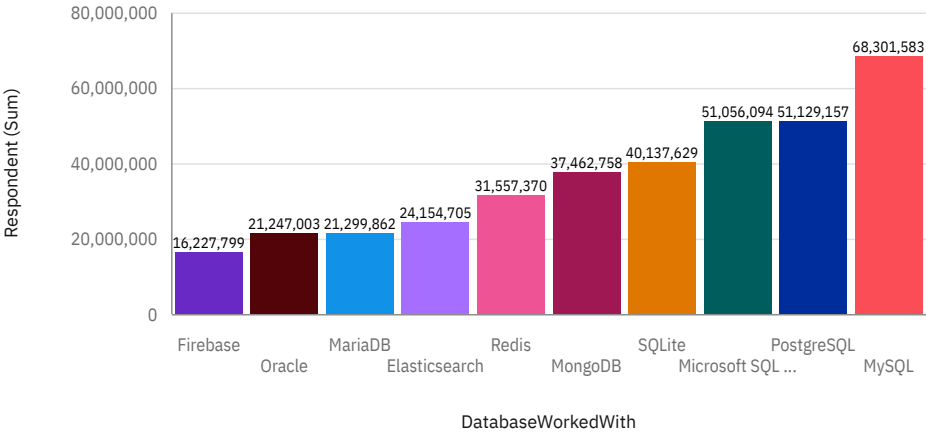
Top 10 Web Framework Worked With

Respondent (Sum) 3,768,592 — 57,310,840

Respondent (Sum) 3,768,592 — 57,310,840

Future Technology Trend

Top 10 Languages Desired Next Year

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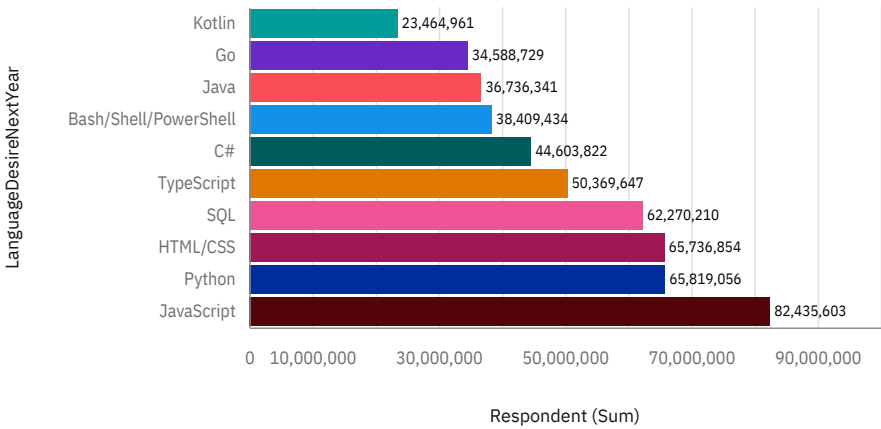
Respondent (Sum)

Top 10 Databases Desired Next Year

Database	Respondent (Sum)
DynamoDB	12,995,539
MariaDB	17,280,016
Firebase	20,585,232
SQLite	30,320,901
Microsoft SQL Ser...	33,649,369
Elasticsearch	35,314,757
MySQL	41,353,217
Redis	41,370,718
MongoDB	45,897,489
Postgr...	53,804,386

DatabaseDesireNextYear
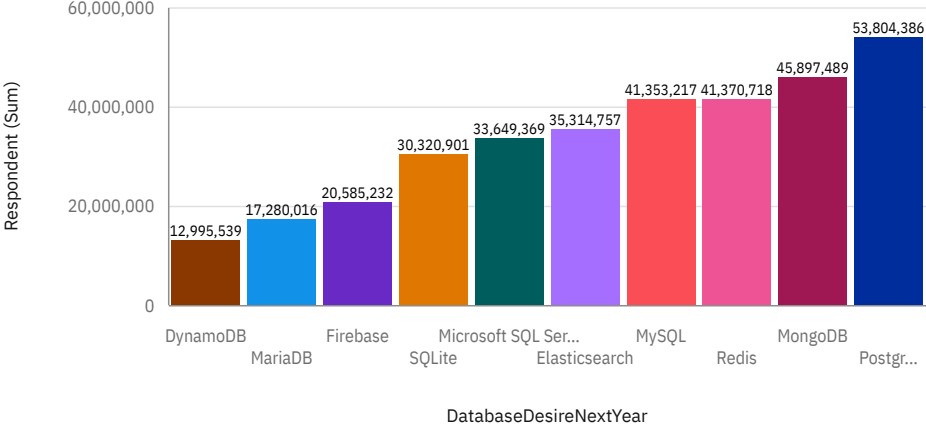
Platform Desired Next Year

Linux
Docker
AWS
Windows
Android
Kubernetes
Slack
Microsoft Azure
MacOS
iOS
Arduino
Raspberry Pi
Google Clo...
Heroku
WordP... I...
Other(s):
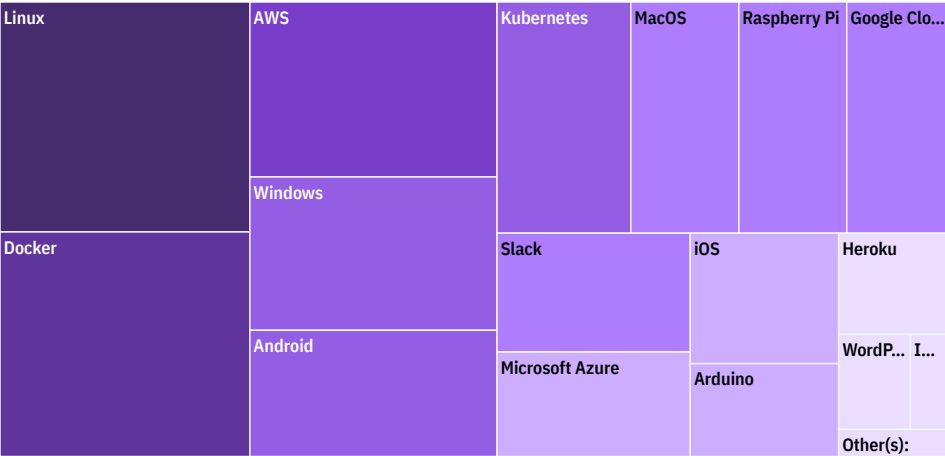
Top 10 Web Framework Desired Next Year

1,970,796   58,321,909

Spri... ASP... Dja...
Lar... Rea... Vue.js Oth...
Dru... jQu... Ang... Exp...
Flask Rub...
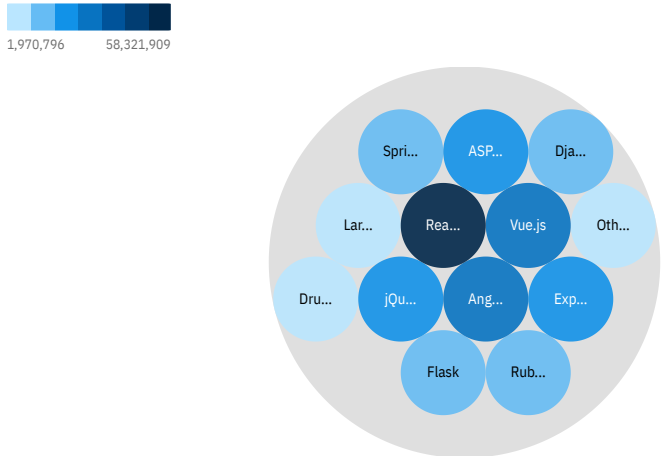
Demographics

Respondent by Gender

Gender
- Woman
- Man

6.4%

93.6%
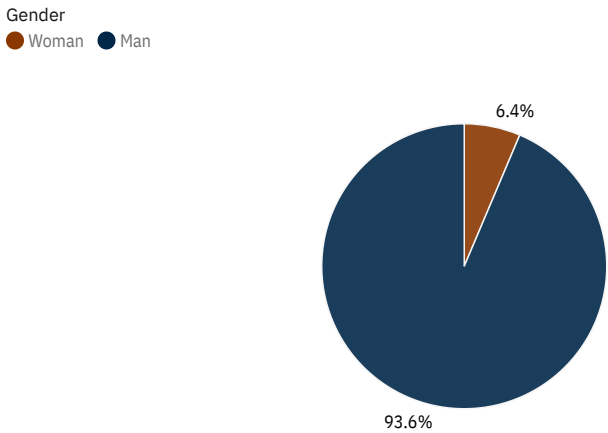
Respondents Location

© Mapbox © OpenStreetMap
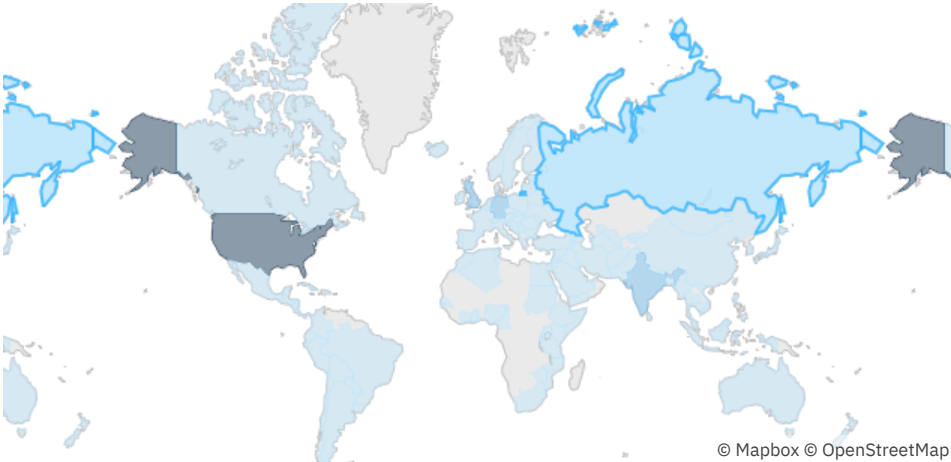
Respondent by Age
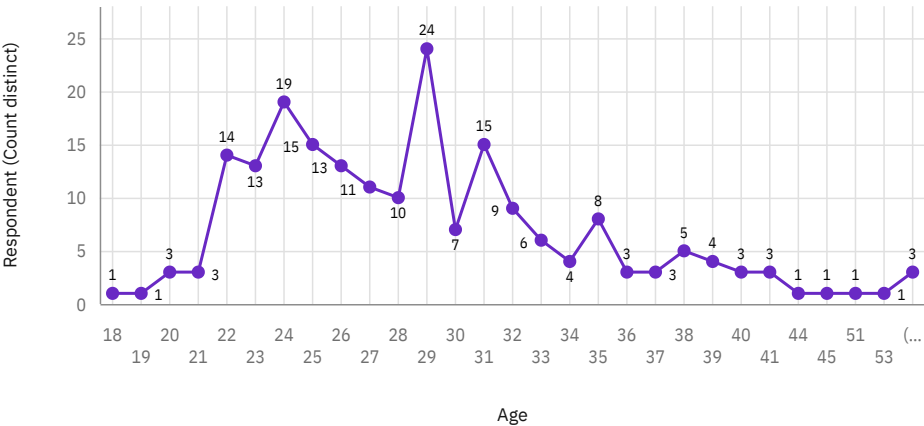
Formal Education Level / Gender

EdLevel
- Associate degree
- Bachelor's degr...
- I never complet...
- Master's degre...
- Other doctoral ...
- Primary/eleme...
- Professional de...
- Secondary scho...
- Some college/u...

Man: 49, 78, 6, 12, 6, 30

Woman: 6, 5