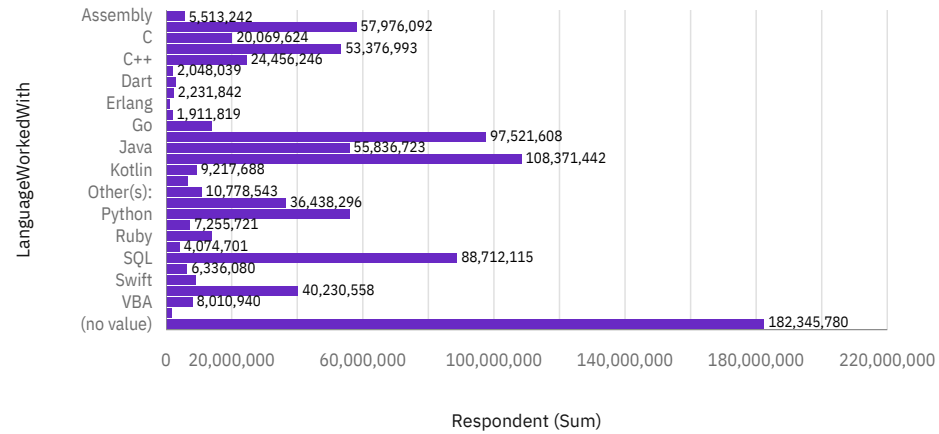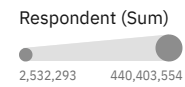# Current Technology Usage

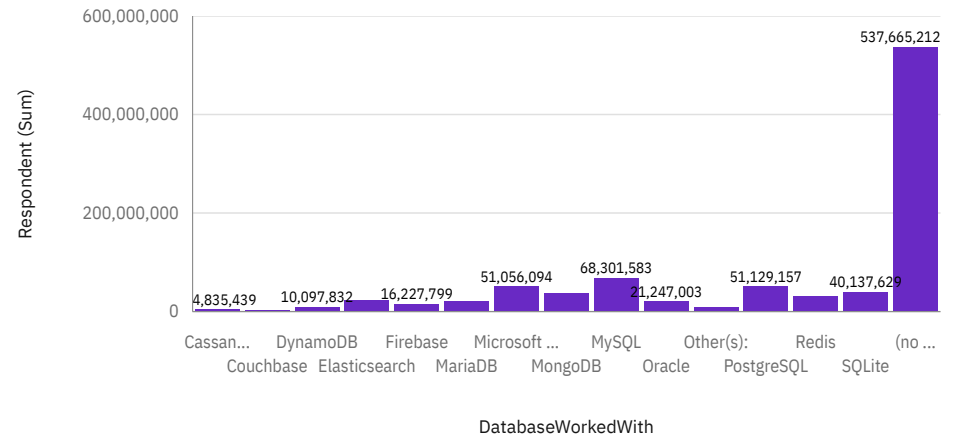## Top 10 Languages Worked With
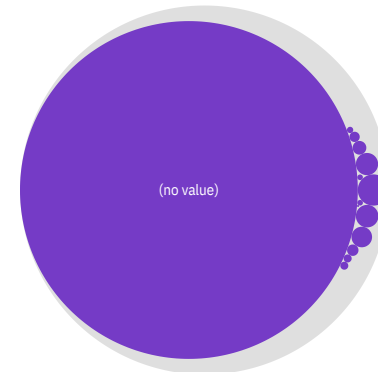

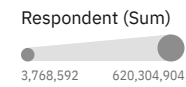LanguageWorkedWith (y-axis), Respondent (Sum) (x-axis)

- Assembly — 5,513,242
- C — 57,976,092
- C++ — 53,376,993
- (20,069,624)
- C++ — 24,456,246
- Dart — 2,048,039
- Erlang — 2,231,842
- 1,911,819
- Go — 97,521,608
- Java — 108,371,442
- (55,836,723)
- Kotlin — 9,217,688
- Other(s): — 10,778,543
- Python — 36,438,296
- Ruby — 7,255,721
- SQL — 88,712,115
- 4,074,701
- Swift — 40,230,558
- 6,336,080
- VBA — 8,010,940
- (no value) — 182,345,780

x-axis: 0, 20,000,000, 60,000,000, 100,000,000, 140,000,000, 180,000,000, 220,000,000

Top 10 Databases Worked With

Respondent (Sum) (y-axis): 0 to 600,000,000

- Cassan... / Couchbase — 4,835,439
- DynamoDB / Elasticsearch — 10,097,832
- Firebase / MariaDB — 16,227,799
- Microsoft ... — 51,056,094
- MySQL / MongoDB — 68,301,583
- Oracle — 21,247,003
- Other(s): —
- PostgreSQL — 51,129,157
- Redis / SQLite — 40,137,629
- (no ... — 537,665,212

DatabaseWorkedWith

Platforms Worked With

Respondent (Sum)

2,532,293 — 440,403,554

Top 10 Web Frames Worked With

Respondent (Sum)

3,768,592 — 620,304,904

(no value)

Future Technology Trend

Top 10 Languages Desired Next Year

LanguageDesireNextYear	Respondent (Sum)
Assembly	4,331,310
C	38,409,434
C++	44,603,822
Dart	5,109,476
Erlang	7,564,604
Go	7,821,878
Go	34,588,729
Java	65,736,854
Java	82,435,603
Kotlin	36,736,341
Kotlin	23,464,961
Other(s):	10,565,683
Python	65,819,056
Ruby	10,421,125
Ruby	18,782,942
SQL	62,270,210
Swift	11,148,540
Swift	50,369,647
VBA	1,882,276
(no value)	233,243,284
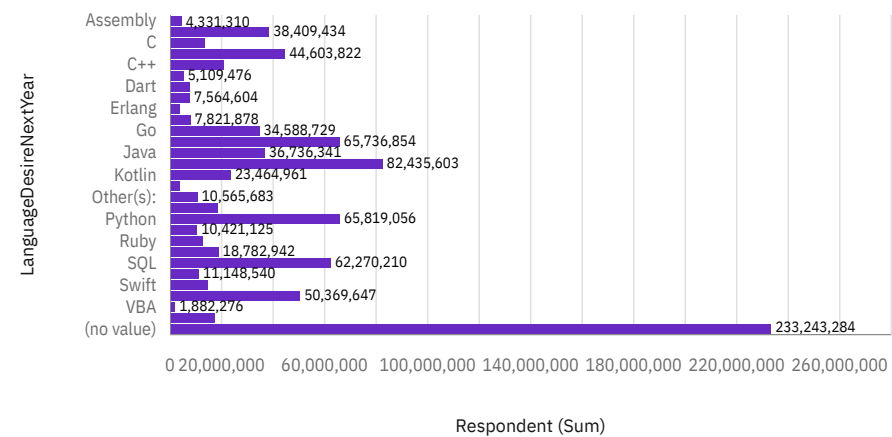
Top 10 Databases Desired Next Year

Cassan... / Couchbase: 12,330,710
DynamoDB: 12,995,539
Elasticsearch: 20,585,232
Firebase / MariaDB: 33,649,369
Microsoft ... / MongoDB: 41,353,217
MySQL: 8,250,624
Other(s): / PostgreSQL: 53,804,386
Oracle / SQLite: 30,320,901
Redis: 558,700,443
(no ...)

DatabaseDesireNextYear
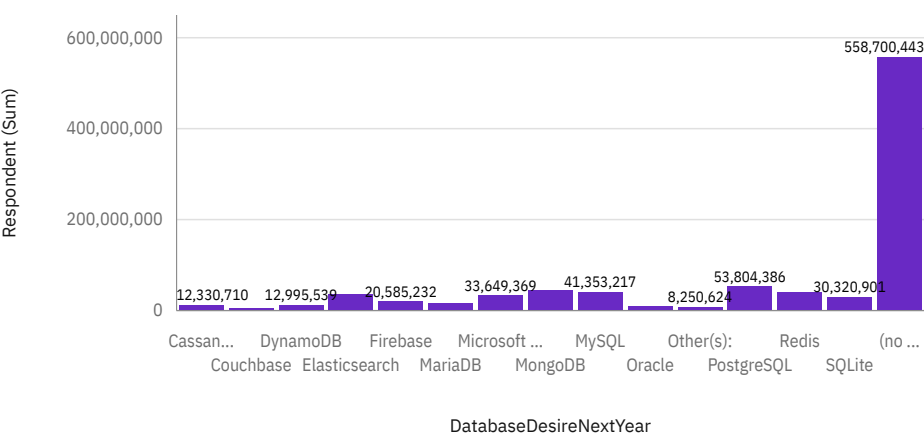
Platforms Desired Next Year

Respondent (Sum)
3,752,980 — 377,308,989

PlatformDesireNextYear
- AWS
- Android
- Arduino
- Docker
- Google Cloud Platform
- Heroku
- IBM Cloud or Watson
- Kubernetes
- Linux
- MacOS
- Microsoft Azure
- Other(s):
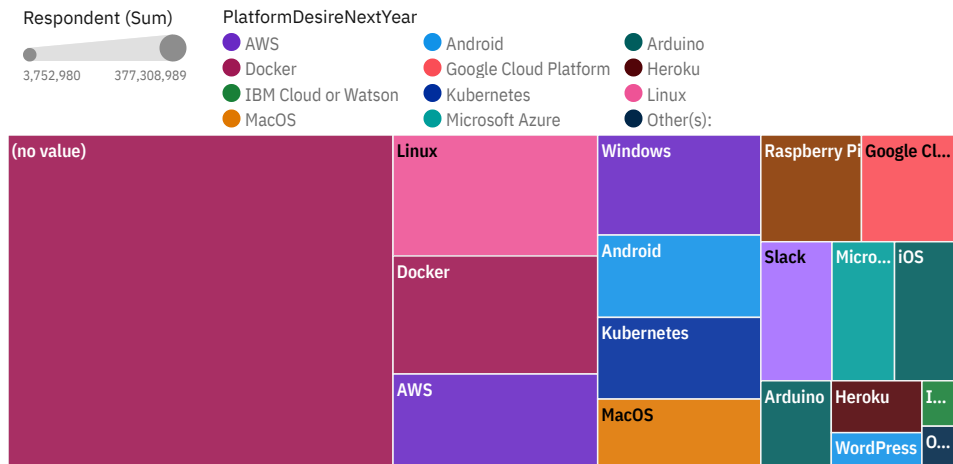
Top 10 Web Frame Desired Next Year

Respondent (Sum)
1,970,796 — 623,842,491
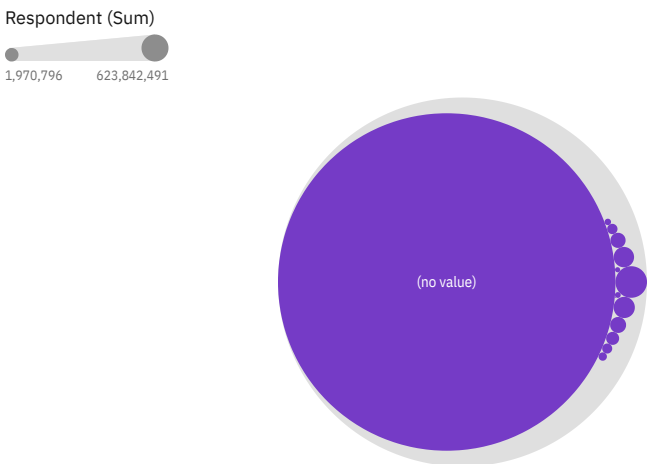
Demographics

Respondents Classified by Gender

Gender
● Woman ● Man

93.5%
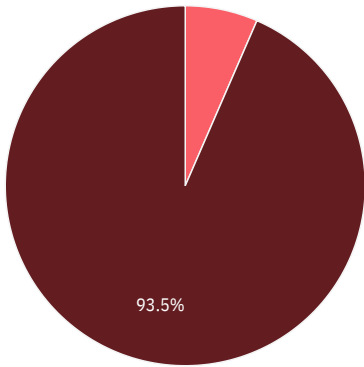
Respondent Count for Country regions

Respondent
● 16 ● 17 ● 19 ● 24 ● 49 ● 50 ● 53 ● 57 ● 62 ● 67 ● 68 ● 86 ● 87
● 92 ● 109 ● 111 ● 114 ● 117 ● 118 ● 119 ● 140 ● 144 ● 163 ● 174 ● 176 ● 188
● 201 ● 211 ● 213 ● 217 ● 219 ● 224 ● 241 ● 246 ● 254 ● 259 ● 268 ● 279 ● 304
● 305 ● 310 ● 326 ● 330 ● 332 ● 351 ● 373 ● 374 ● 383 ● 388 ● 400 ● 401 ● 402

© Mapbox © OpenStreetMap
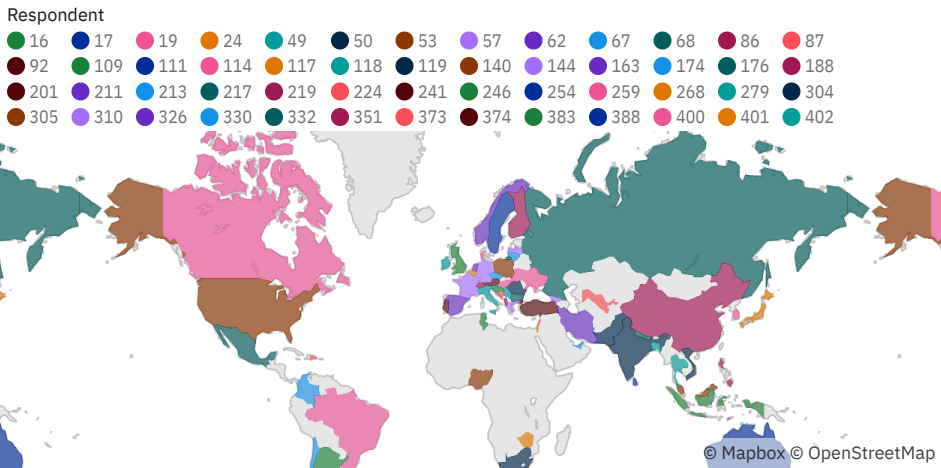
Respondent Count by Age
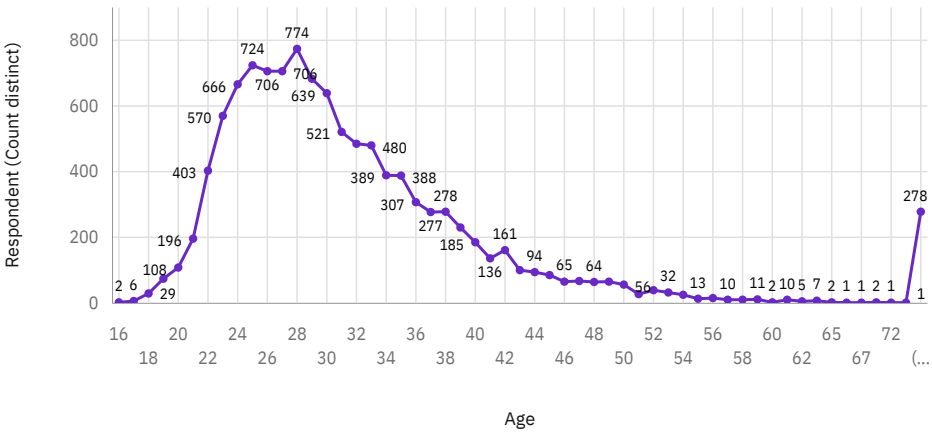
Respondent Count by Gender and Education Level

Man

EdLevel	Respondent (Count di...
(no value)	99
Associate degree	357
Bachelor's degree (BA...	5,341
I never completed an...	26
Master's degree (MA,...	2,484
Other doctoral degree...	241
Primary/elementary ...	26
Professional degree (...	144
Secondary school (e....	482
Some college/univers...	1,280

Woman

EdLevel	Respondent (Count di...
(no value)	10
Associate degree	20
Bachelor's degree (BA...	412
I never completed an...	1
Master's degree (MA,...	191
Other doctoral degree...	15
Primary/elementary ...	
Professional degree (...	8
Secondary school (e....	24
Some college/univers...	50