## The top 10 most worked languages



LanguageWorkedWith / Respondent (Sum)

- JavaScript — 108,371,442
- HTML/CSS
- SQL — 89,712,115
- Bash/Shell/PowerShell
- Python — 56,108,957
- Java
- C# — 53,376,993
- TypeScript
- PHP — 36,428,296
- C++
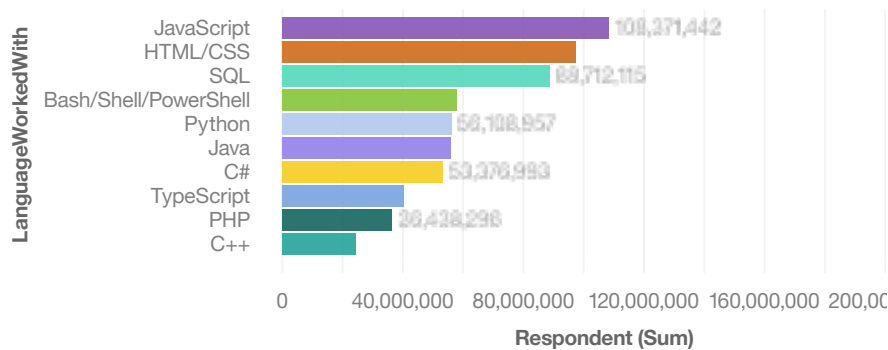
## The top 10 most worked databases



DatabaseWorkedWith / Respondent (Sum)

- MySQL — 68,201,593
- PostgreSQL — 51,129,157
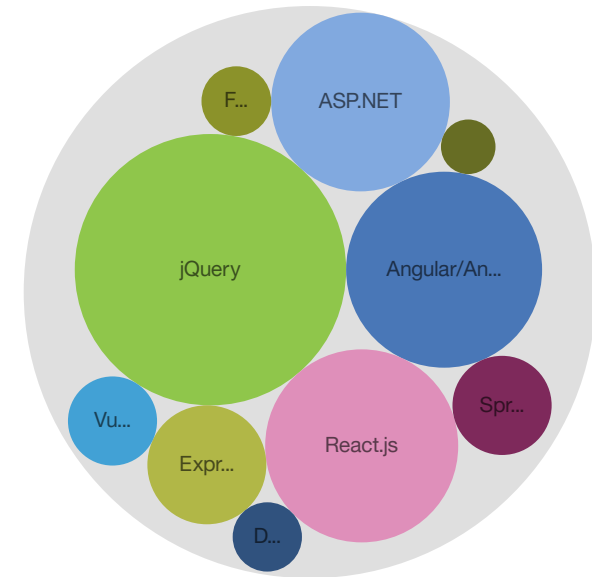- Microsoft SQL ...
- SQLite — 40,137,629
- MongoDB
- Redis — 31,557,370
- Elasticsearch — 24,154,705
- MariaDB
- Oracle — 21,247,0
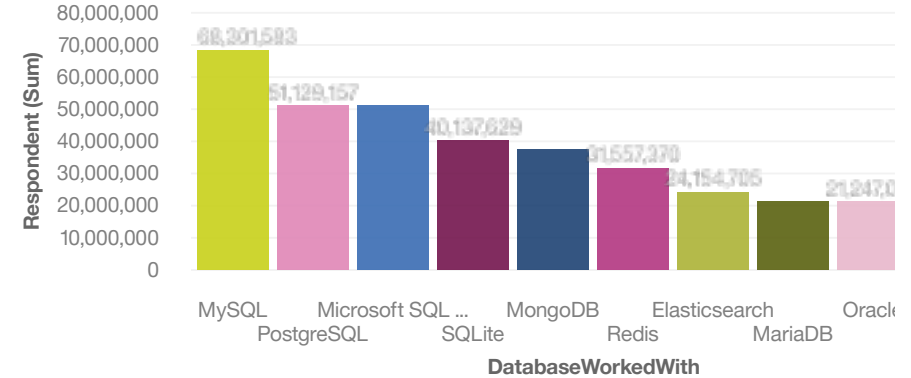
## The top 10 most worked platforms



Windows, Linux, Docker, Slack, AWS, MacOS, Android, Microsoft Azure, Raspberry Pi, WordPress
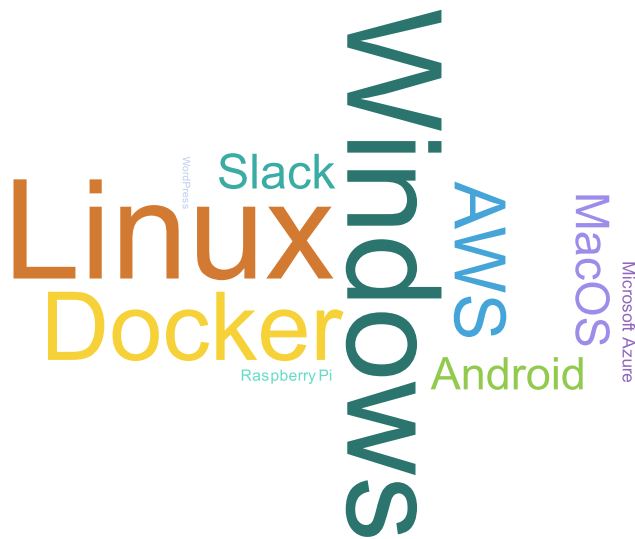
## The top 10 most worked web frames



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

powered by IBM **Cloud Pak for Data**

## The top 10 most desired languages in next year

JavaScript — 82,4[?]
Python — 65,819,056
HTML/CSS — 65,736,854
SQL — 62,270,210
TypeScript — 50,369,647
C# — 44,603,822
Bash/Shell/PowerShell — 38,409,434
Java — 36,736,341
Go — 34,588,729
Kotlin — 23,464,961

Y-axis: **LanguageDesireNextYear**
X-axis: **Respondent (Sum)** — 0, 20,000,000, 40,000,000, 60,000,000, 80,000,000
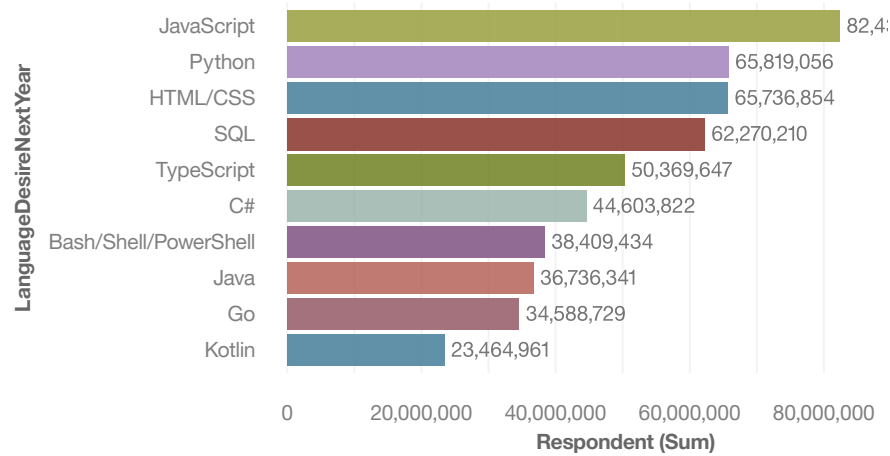
## The top 10 most desired databases in next year

PostgreSQL — 53,804,386
MongoDB — 45,897,489
Redis — 41,370,718
Elasticsearch — 35,314,757
Microsoft SQL ... — 30,320,901
SQLite — 20,585,232
MySQL
Firebase
Mar[?]

Y-axis: **Respondent (Sum)** — 0 to 60,000,000
X-axis: **DatabaseDesireNextYear**
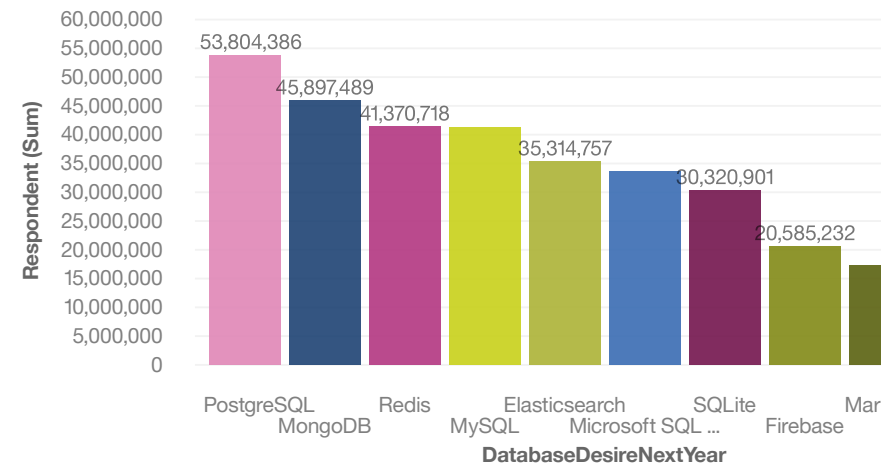
## The most desired platforms in next year

Linux
Docker
AWS
Windows
Android
Kubernetes
MacOS
Raspberry Pi
Google Cloud Platfo...
Slack
iOS
Heroku
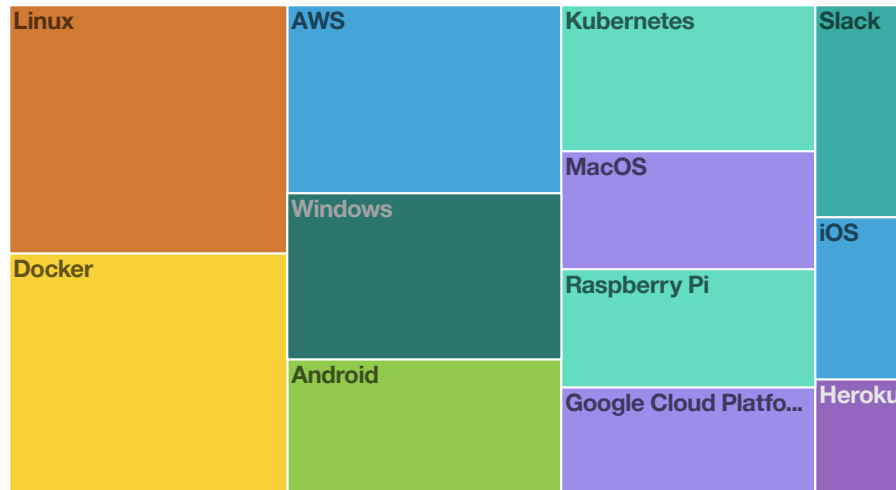
## The top 10 most desired web frames in next year

React.js
ASP.N...
Vue.js
S...
F...
D...
jQu...
Angula...
Ex...
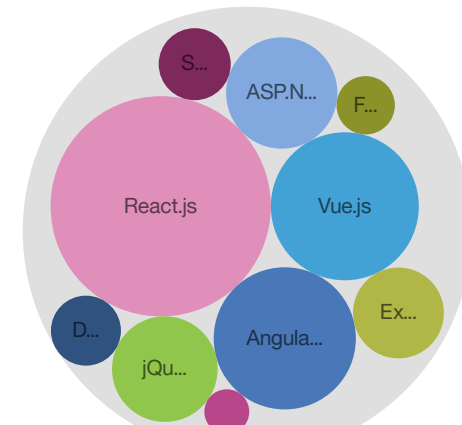
## Respondent by Gender

**Gender**
○ Woman  ● Man

6.3%

93.7%
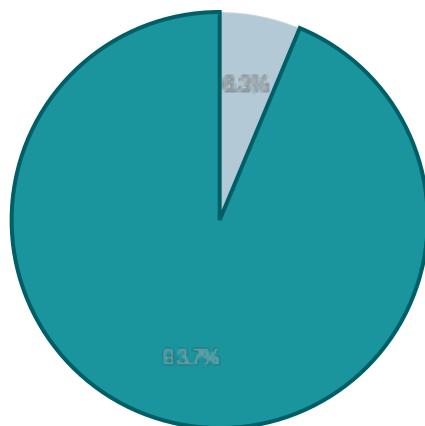
## Respondent by Country

**Respondent (Sum)**

865        35,049,108

## Respondent by Age

**Respondent (Sum)**

8,517,525
8,159,845
7,620,824
6,742,706
6,226,599
5,496,053
4,579,190
4,494,562
3,453,152
2,315,039
2,294,236
1,337,492
1,489,467   737,125

**Age**
16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 6
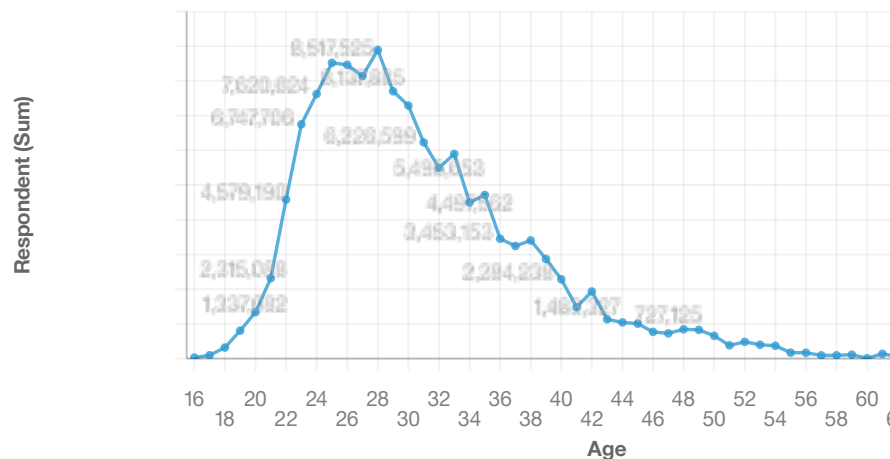
## Respondent count by Gender and classified by Formal Education Level

**EdLevel**
● Assoc
● Bache
● I neve
● Maste
● Other
● Prima
● Profes
● Secon
● Some

Man — 66,489,053   31,012,050

Woman

**Gender**

**Respondent (Sum)**
0   20,000,000   60,000,000   100,000,000   140,000,000