Current Technology Usage
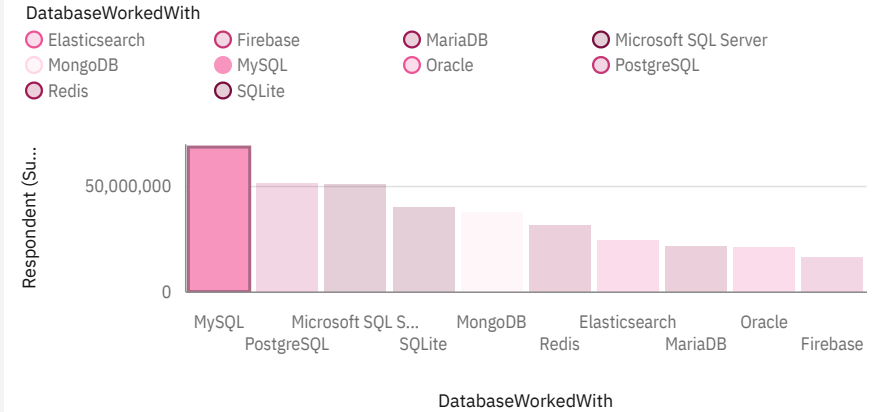
Top 10 Programming Languages Used   1
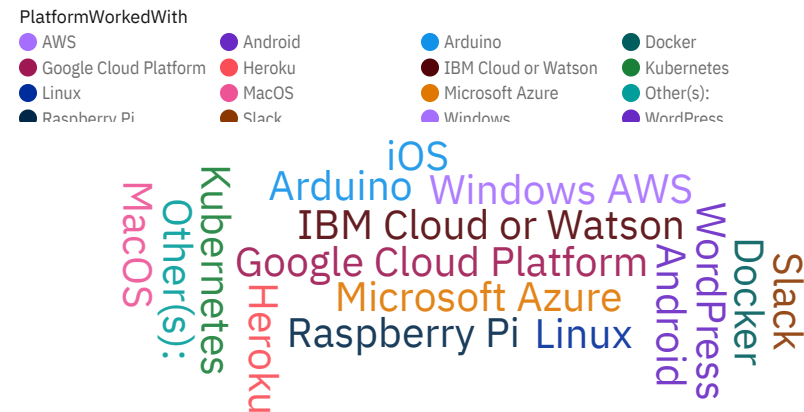
LanguageWorkedWith
- ● Bash/Shell/PowerShell   ● C   ● C#
- ● C++   ● HTML/CSS   ● Java
- ● JavaScript   ● PHP   ● Python

Top 10 Databases Used   2

DatabaseWorkedWith
- ○ Elasticsearch   ○ Firebase   ○ MariaDB   ○ Microsoft SQL Server
- ○ MongoDB   ○ MySQL   ○ Oracle   ○ PostgreSQL
- ○ Redis   ○ SQLite

Platforms Used   3

PlatformWorkedWith
- ● AWS   ● Android   ● Arduino   ● Docker
- ● Google Cloud Platform   ● Heroku   ● IBM Cloud or Watson   ● Kubernetes
- ● Linux   ● MacOS   ● Microsoft Azure   ● Other(s):
- ● Raspberry Pi   ● Slack   ● Windows   ● WordPress

Top 10 Workframe Used   4

WebFrameWorked...

WebFrameWorkedWith
- ● ASP.NET   ● Angular/Angular.js   ● Django
- ● Drupal   ● Express   ● Flask
- ● Laravel   ● React.js   ● Ruby on Rails
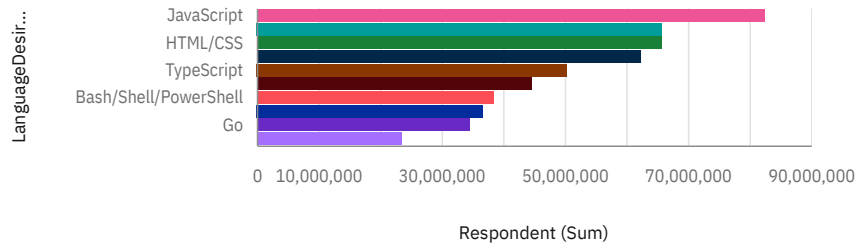
Future Technology Trend

Top 10 Desired Language for NextYear — 5

LanguageDesireNextYear

- Bash/Shell/PowerShell
- C#
- Go
- HTML/CSS
- Java
- JavaScript
- Kotlin
- Python
- SQL

Horizontal bar chart — LanguageDesir... vs Respondent (Sum):
- JavaScript
- HTML/CSS
- TypeScript
- Bash/Shell/PowerShell
- Go

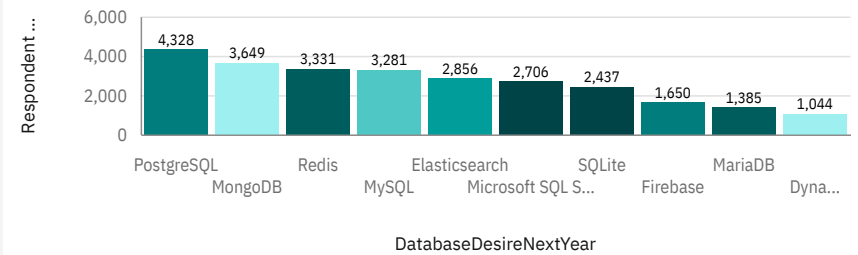X-axis: 0 to 90,000,000 (Respondent (Sum))

Top 10 Desired Database for Next Year — 6

DatabaseDesireNextYear

- DynamoDB
- Elasticsearch
- Firebase
- MariaDB
- Microsoft SQL Server
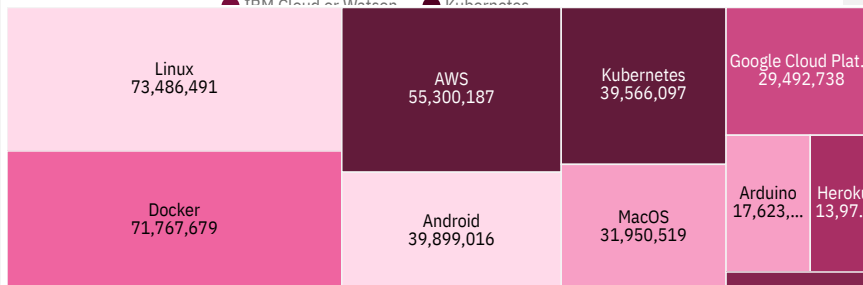- MongoDB
- MySQL
- PostgreSQL
- Redis
- SQLite

Bar chart — Respondent vs DatabaseDesireNextYear:
Database	Value
PostgreSQL	4,328
MongoDB	3,649
Redis	3,331
MySQL	3,281
Elasticsearch	2,856
Microsoft SQL S...	2,706
SQLite	2,437
Firebase	1,650
MariaDB	1,385
Dyna...	1,044

Desired Platform for NextYear — 7

Respondent (Sum) 4,389,583 — 73,486,491

PlatformDesireNextYear

- AWS
- Android
- Arduino
- Docker
- Google Cloud Platform
- Heroku
- IBM Cloud or Watson
- Kubernetes

Treemap:
- Linux 73,486,491
- Docker 71,767,679
- AWS 55,300,187
- Android 39,899,016
- Kubernetes 39,566,097
- MacOS 31,950,519
- Google Cloud Plat... 29,492,738
- Arduino 17,623,...
- Heroku 13,97...

Desired WebFrame for NextYear — 8

Respondent (Sum) 1,970,796 — 58,321,909
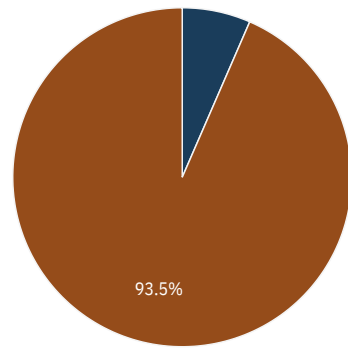
WebFrameDesireNextYear

- ASP.NET
- Angular/Angular.js
- Django
- Drupal
- Express
- Flask
- Laravel
- React.js
- Ruby on Rails
- Spring

Demographics

Respondent by Gender   9

Gender
- Woman
- Man

93.5%

Respondent and Age for Country regions   10

Respondent (Count)

1   3,127

Age (Average)

21   39.5

Iceland Finland Russian Federation
Canada
Estonia
Bosnia and
Herzegovina Mongolia
United States
Mexico Saudi Arabia Taiwan
Senegal
Panama United Republic Singapore
of Tanzania
Bolivia Swaziland

© Mapbox © OpenStreetMap

Respondent by Age   11
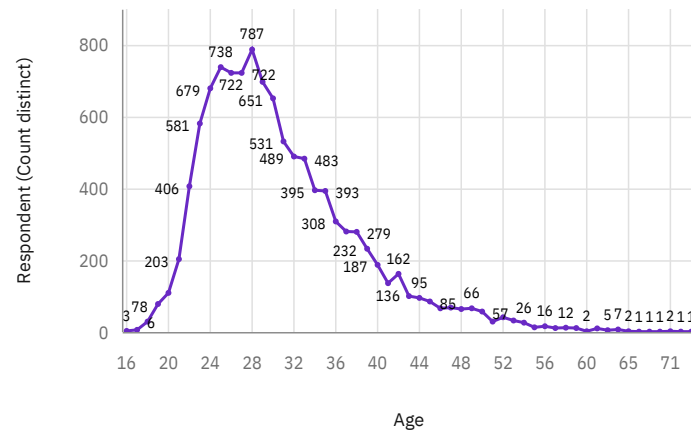
EdLevel of Respondent by Gender   12

EdLevel
- Associate degree
- I never completed any formal edu...
- Other doctoral degree (Ph.D, Ed.D...
- Professional degree (JD, MD, etc.)
- Bachelor's degree (BA, BS, B.Eng....
- Master's degree (MA, MS, M.Eng.,...
- Primary/elementary school
- Secondary school (e.g. American

Man: 5,341 | 2,484 | 482 | 1,280 | 10,381

Woman: 721

Respondent (Count distinct): 0 1,000 2,000 3,000 4,000 5,000 6,000 7,000 8,000 9,000 10,000 11,000 12,000