Current Technology Usage

Top 10 Languages Currently Worked With by Respondents 1

LanguageWorkedWith
● Bash/Shell/PowerShell ● C# ● C++ ● HTML/CSS
● Java ● JavaScript ● PHP ● Python
● SQL ● TypeScript

Language Name	Number of Respondents
Java	4,506
Python	4,542
Bash/Shell/PowerShell	4,642
SQL	7,106
HTML/CSS	7,830
JavaScript	8,687

Top 10 Databases Currently Worked With by Respondents 2

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

Number of Respondents / Database Name:
- Firebase: 1,314
- MariaDB: 1,709
- Oracle: 1,744
- Elasticsearch: 1,954
- Redis: 2,508
- MongoDB: 3,016
- SQLite: 3,248
- PostgreSQL: 4,097
- Microsoft SQL S...: 4,110
- MySQL: 5,469

Platforms Currently Worked With By Respondents, Sized by Respondent Count 3

Respondent (Count) 215 — 5,811

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
● iOS

Top 10 WebFrames Currently Worked With by Respondents, Sized By Respondent Count 4

Respondent (Count) 939 — 4,629

WebFrameWorkedWith
● ASP.NET ● Angular/Angular.js ● Django ● Express
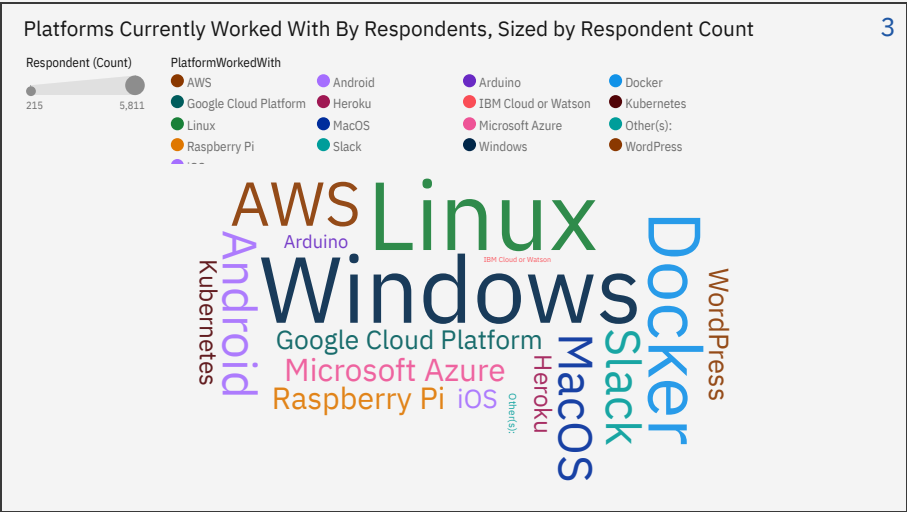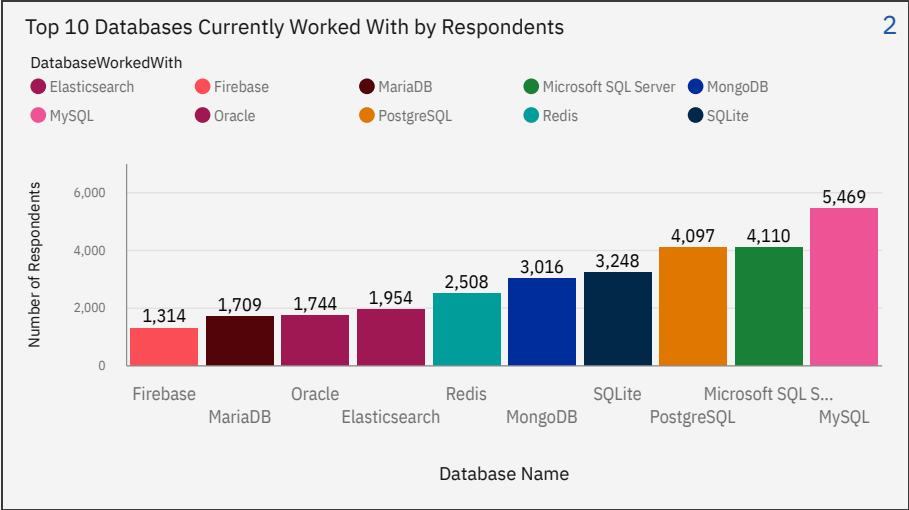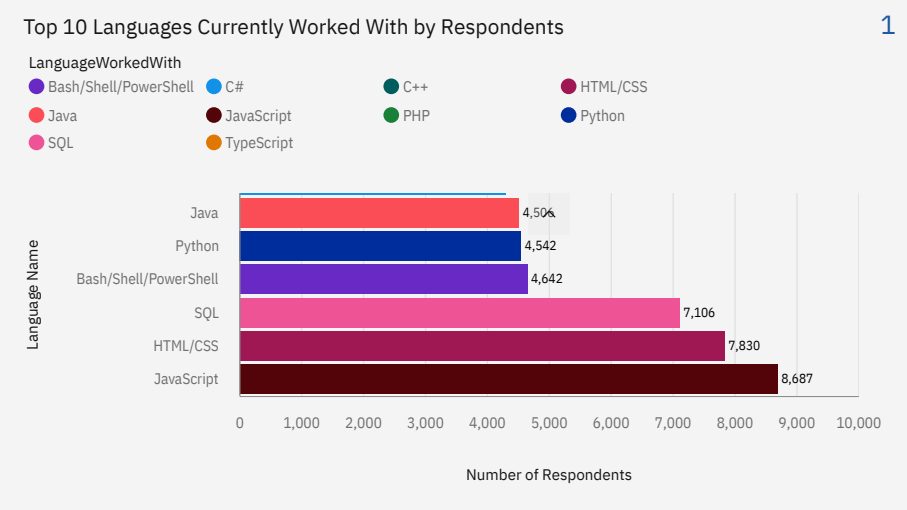● Flask ● Laravel ● React.js ● Spring
● Vue.js ● jQuery

Filter(s) applied to the visualization(s) on the previous page:

Widget 1
LanguageWorkedWith Excludes: (no value)
Respondent Top 10

Widget 2
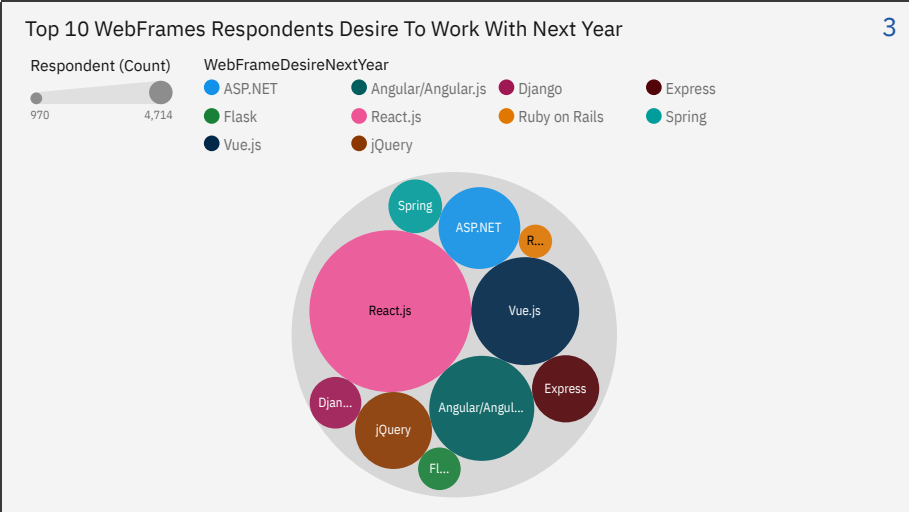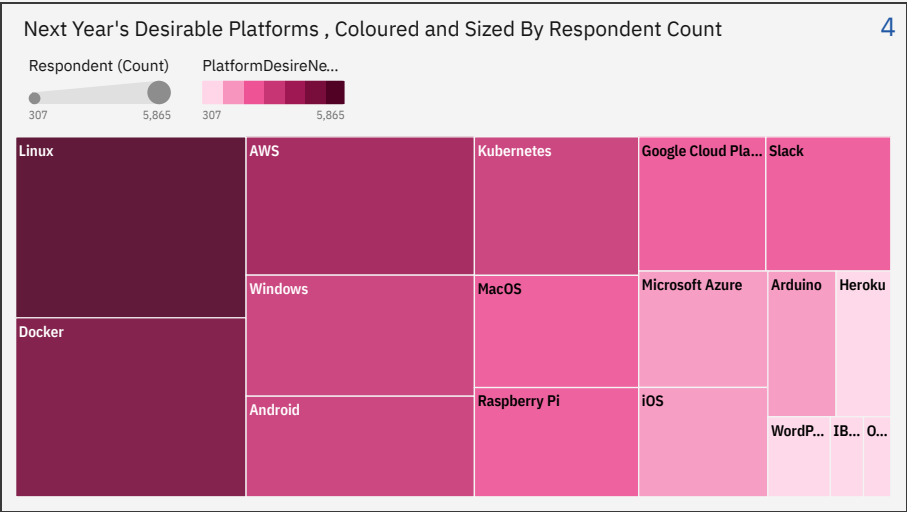DatabaseWorkedWith Excludes: (no value)
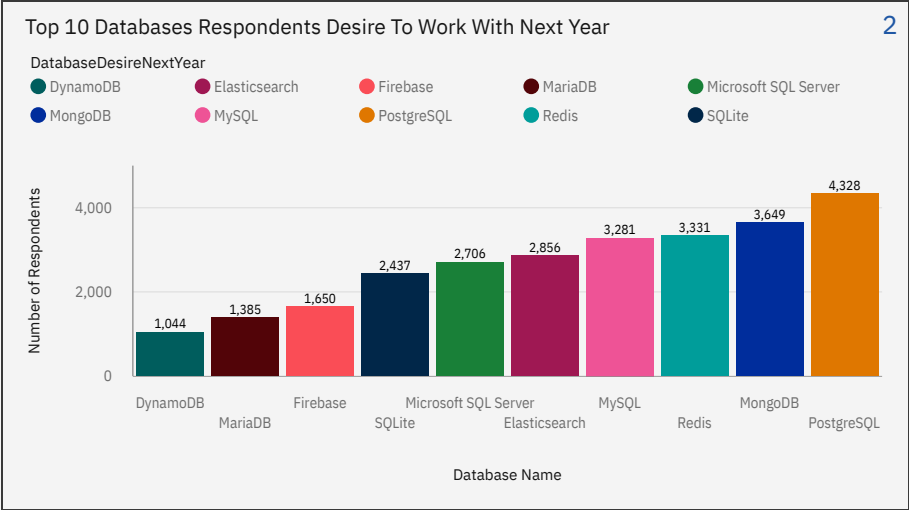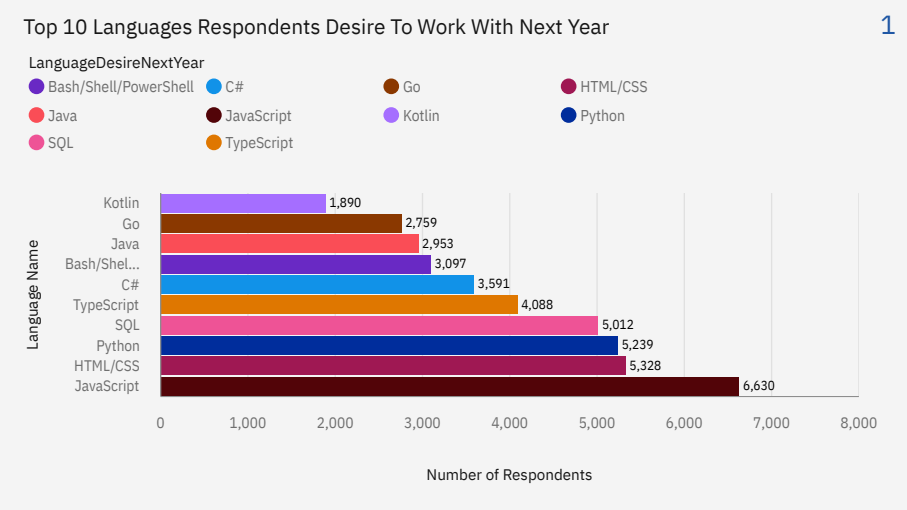Respondent Top 10

Widget 3
PlatformWorkedWith Excludes: (no value)

Widget 4
WebFrameWorkedWith Excludes: (no value)
Respondent Top 10

Future Technology Trend

Top 10 Languages Respondents Desire To Work With Next Year — 1

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

Language Name	Number of Respondents
Kotlin	1,890
Go	2,759
Java	2,953
Bash/Shel...	3,097
C#	3,591
TypeScript	4,088
SQL	5,012
Python	5,239
HTML/CSS	5,328
JavaScript	6,630

Top 10 Databases Respondents Desire To Work With Next Year — 2

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

Database Name	Number of Respondents
DynamoDB	1,044
MariaDB	1,385
Firebase	1,650
SQLite	2,437
Microsoft SQL Server	2,706
Elasticsearch	2,856
MySQL	3,281
Redis	3,331
MongoDB	3,649
PostgreSQL	4,328

Next Year's Desirable Platforms , Coloured and Sized By Respondent Count — 4

Respondent (Count): 307 — 5,865
PlatformDesireNe...: 307 — 5,865

Linux, Docker, AWS, Windows, Android, Kubernetes, MacOS, Raspberry Pi, Google Cloud Pla..., Microsoft Azure, iOS, Slack, Arduino, Heroku, WordP..., IB..., O...

Top 10 WebFrames Respondents Desire To Work With Next Year — 3

Respondent (Count): 970 — 4,714

WebFrameDesireNextYear
- ASP.NET
- Angular/Angular.js
- Django
- Express
- Flask
- React.js
- Ruby on Rails
- Spring
- Vue.js
- jQuery

Spring, ASP.NET, R..., React.js, Vue.js, Djan..., jQuery, Angular/Angul..., Express, Fl...

Filter(s) applied to the visualization(s) on the previous page:

Widget 1

LanguageDesireNextYear Excludes: (no value)

Respondent Top 10

Widget 2

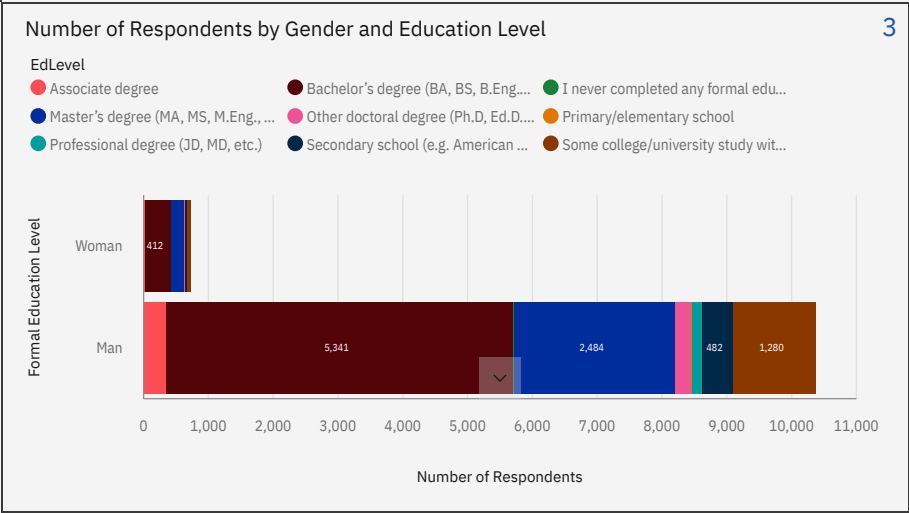DatabaseDesireNextYear Excludes: (no value)

Respondent Top 10
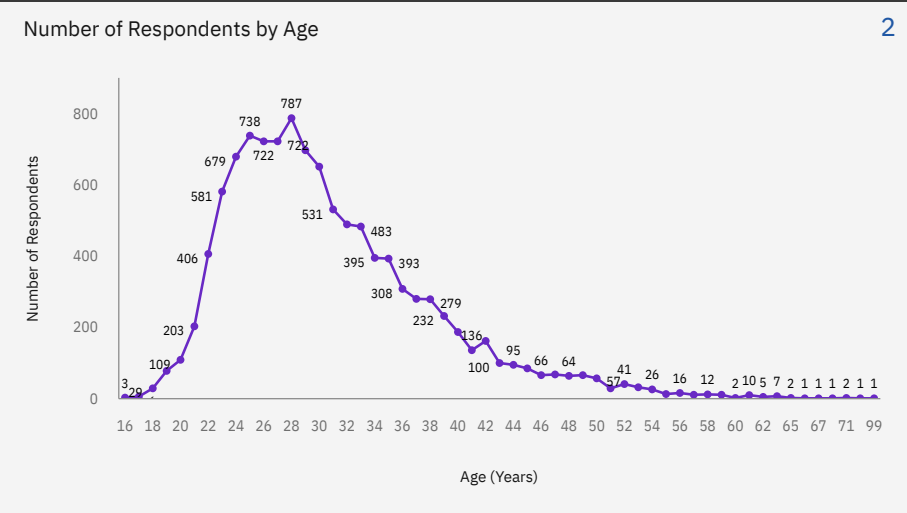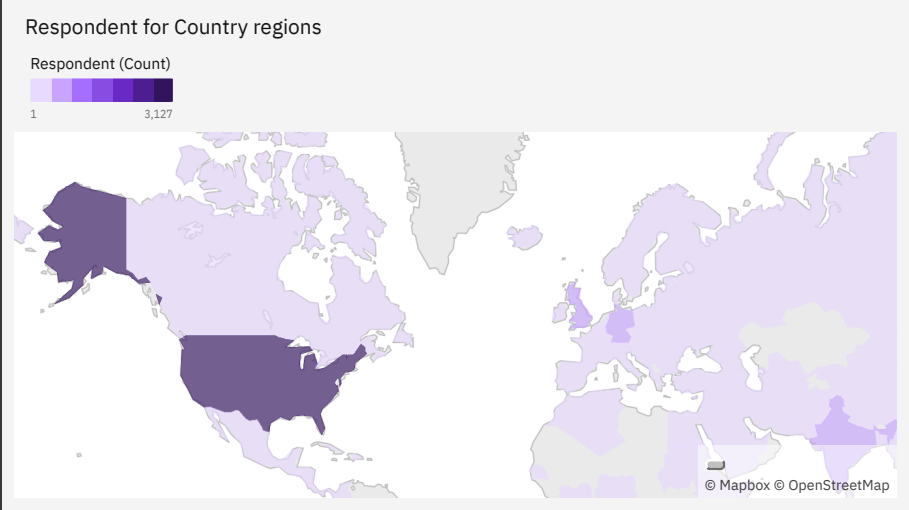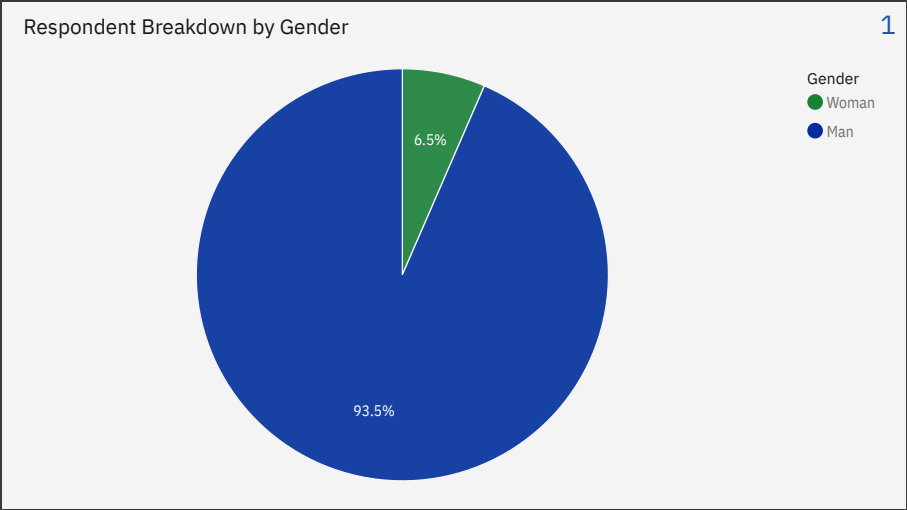
Widget 3

WebFrameDesireNextYear Excludes: (no value)

Respondent Top 10

Widget 4

PlatformDesireNextYear Excludes: (no value)

Demographics

Respondent Breakdown by Gender ⟨1⟩

Gender
● Woman
● Man

6.5%
93.5%

Respondent for Country regions

Respondent (Count)

1   3,127

© Mapbox © OpenStreetMap

Number of Respondents by Age ⟨2⟩

Number of Respondents

800
600
400
200
0

3 29 109 203 406 581 679 738 722 787 722 531 395 483 308 393 232 279 136 100 95 66 64 57 41 26 16 12 2 10 5 7 2 1 1 1 2 1 1

16 18 20 22 24 26 28 30 32 34 36 38 40 42 44 46 48 50 52 54 56 58 60 62 65 67 71 99

Age (Years)

Number of Respondents by Gender and Education Level ⟨3⟩

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

Formal Education Level

Woman   412

Man   5,341   2,484   482   1,280

0   1,000   2,000   3,000   4,000   5,000   6,000   7,000   8,000   9,000   10,000   11,000

Number of Respondents

Filter(s) applied to the visualization(s) on the previous page:

Widget 1
Gender Excludes: Man;Non-binary, genderqueer, or gender non-conforming, Non-binary, genderqueer, or gender non-conforming, Woman;Man, Woman;Man;Non-binary, genderqueer, or gender non-conforming, Woman;Non-binary, genderqueer, or gender non-conforming, (no value)

Widget 2
Age Excludes: (no value)

Widget 3
Gender Excludes: Man;Non-binary, genderqueer, or gender non-conforming, Non-binary, genderqueer, or gender non-conforming, Woman;Man, Woman;Man;Non-binary, genderqueer, or gender non-conforming, Woman;Non-binary, genderqueer, or gender non-conforming, (no value)
EdLevel Excludes: (no value)