Top 10 Programming Languages in Use

LanguageWorkedWith

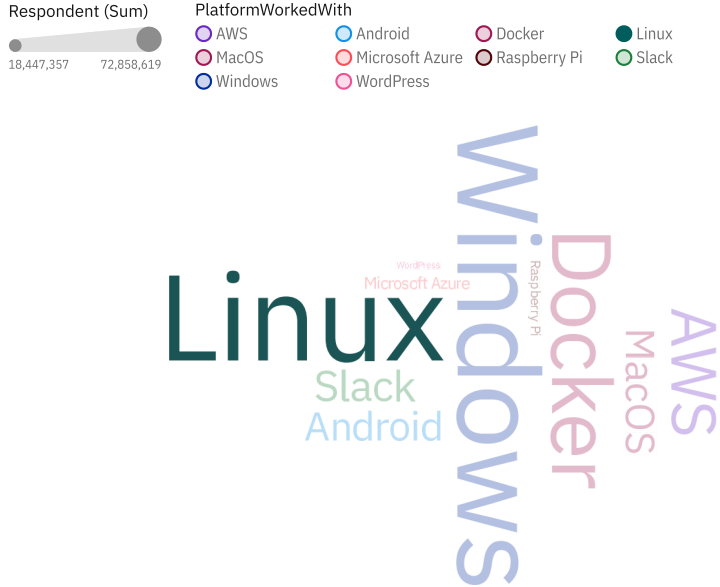|					
● SQL	5.1%	● Python	9.3%	● PHP	4.5%
● JavaScript	18.1%	● Java	11.6%	● HTML/CSS	21.1%
● C++	6.6%	● C#	7.4%	● C	4.9%
● Bash/Shell/PowerShell	11.3%				

1 Top 10 Databases in Use

DatabaseWorkedWith
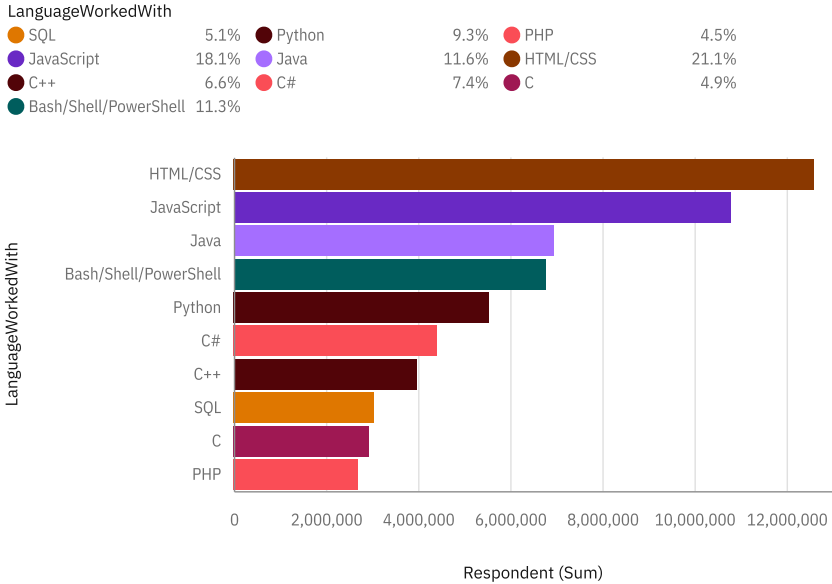
● Elasticsearch	● MariaDB	● Microsoft SQL Server	● MongoDB
● MySQL	● Oracle	● Other(s):	● PostgreSQL
● Redis	● SQLite		

2
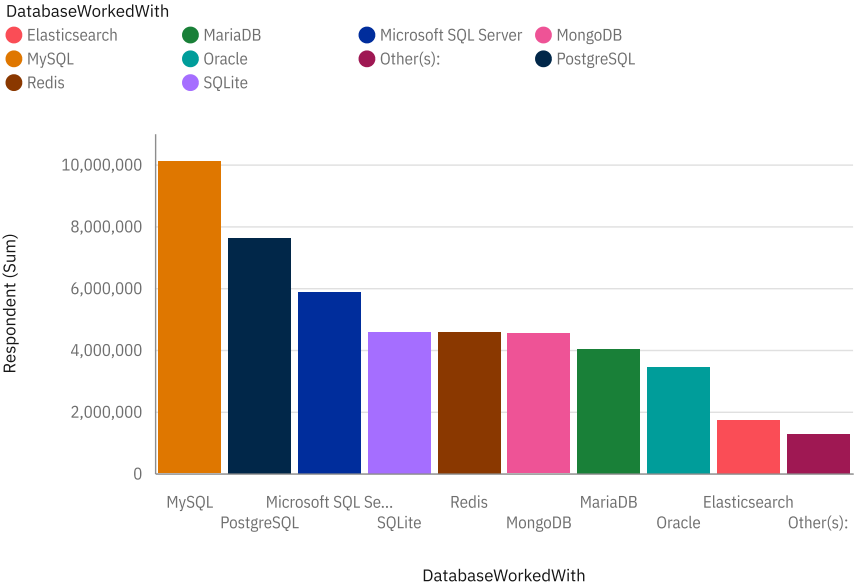
Top 10 Development Platforms

Respondent (Sum)
18,447,357 — 72,858,619

PlatformWorkedWith

○ AWS	○ Android	○ Docker	● Linux
○ MacOS	○ Microsoft Azure	○ Raspberry Pi	○ Slack
○ Windows	○ WordPress		

3

Top 10 Web Framework

Respondent (Sum)
1,708,248 — 8,132,206

WebFrameWorkedWith

● jQuery	● Vue.js	● Spring	● React.js
● Other(s):	● Flask	● Express	● Django
● Angular/Angular.js	● ASP.NET		

4
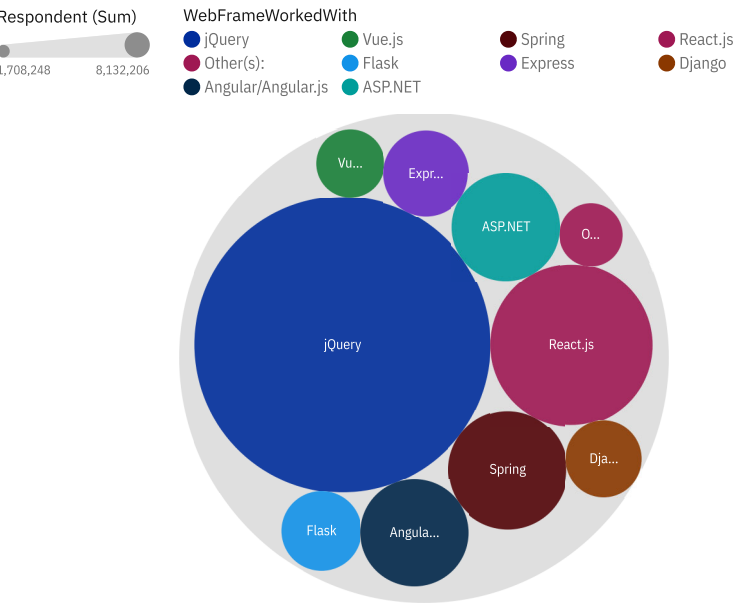
Top 10 Languages Desired for Next Year
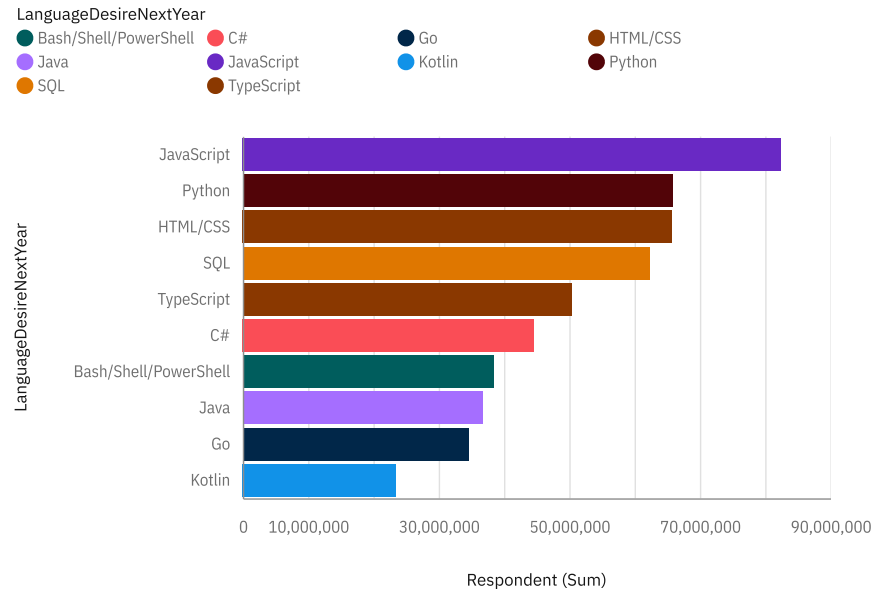
LanguageDesireNextYear
- Bash/Shell/PowerShell
- C#
- Go
- HTML/CSS
- Java
- JavaScript
- Kotlin
- Python
- SQL
- TypeScript

Top 10 Databases Desired for Next Year

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

Top 10 Databases Desired for Next Year

Respondent (Sum) 29,492,738 — 73,486,491

PlatformDesireNe... 2,401 — 5,865
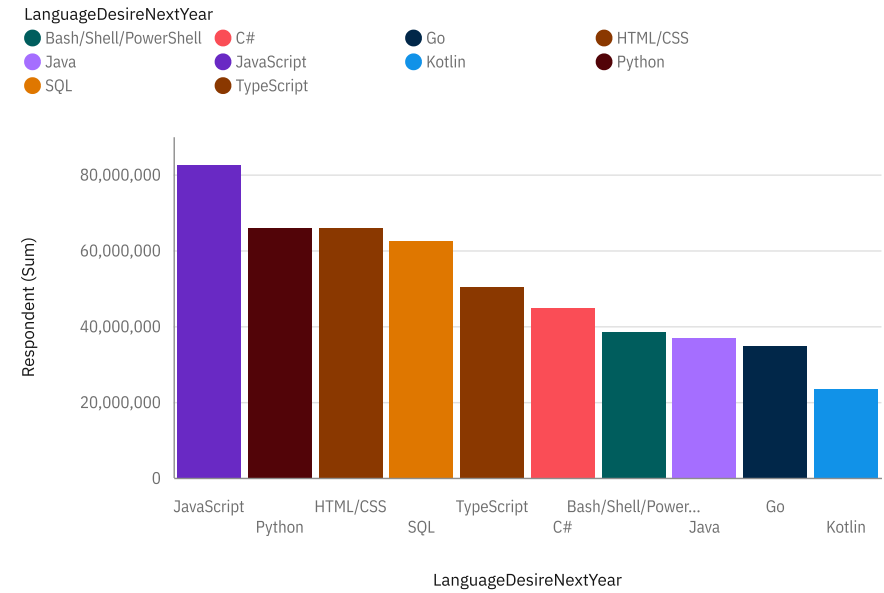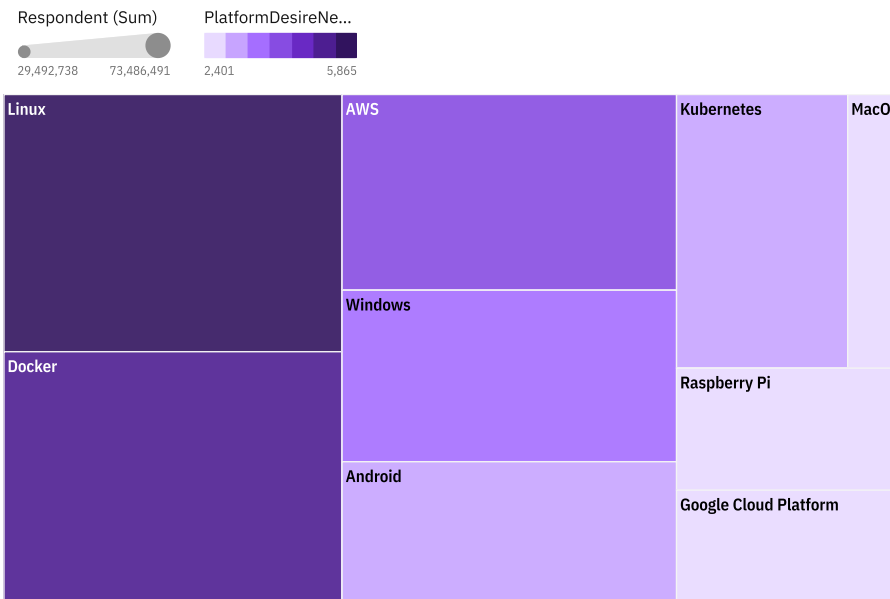
Top 10 Web Frameworks desired for Next Year

Respondent (Sum) 11,886,651 — 58,321,909

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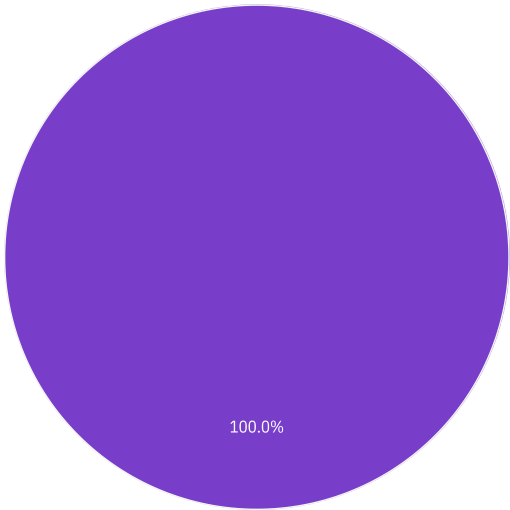- Django
- Angular/Angular.js
- ASP.NET
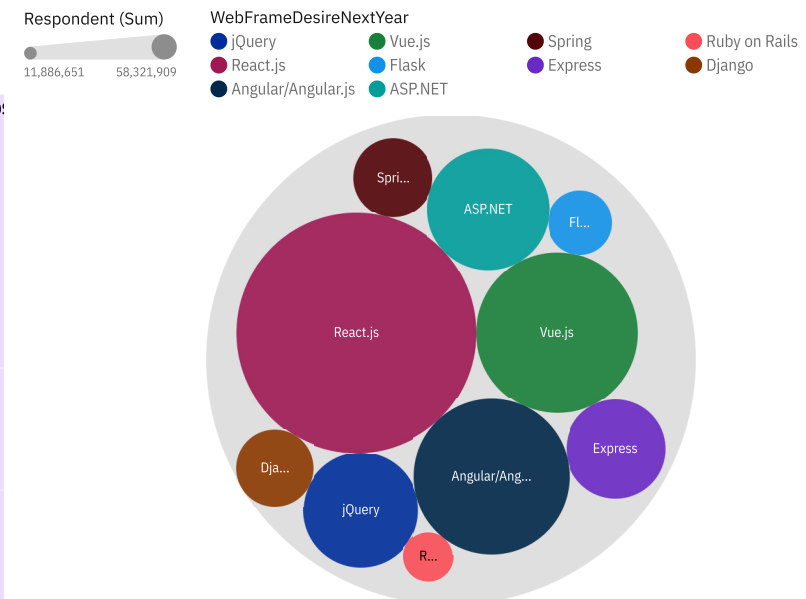
Gender Distribution

Gender
- Man

100.0%

Country distribution of respondents

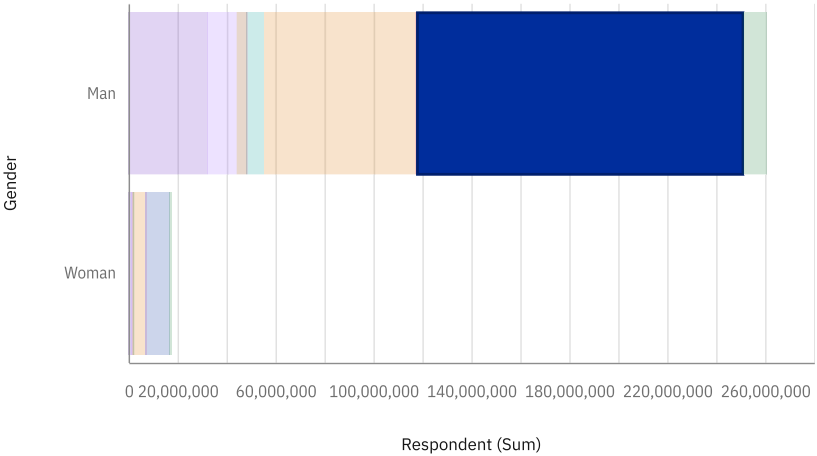Respondent (Sum)

1,498   41,679,406

© Mapbox © OpenStreetMap
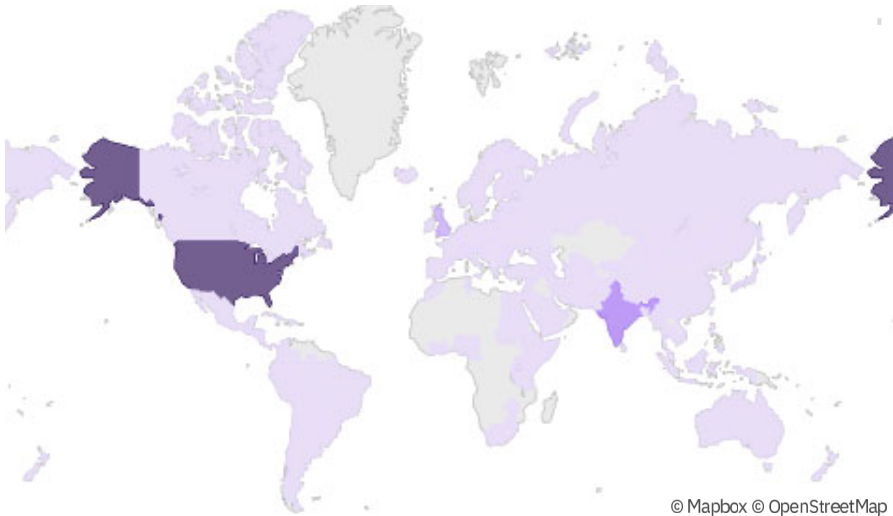
Age distribution of Respondents
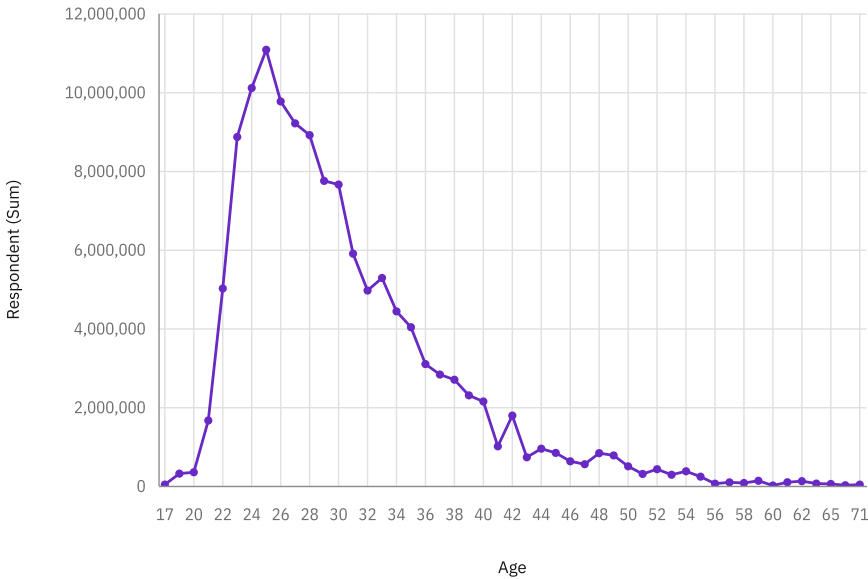
Respondent by Gender colored by EdLevel

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

Filter(s) applied to the visualization(s):

Widget 1
LanguageWorkedWith Filter condition
PlatformWorkedWith Includes: Linux
LanguageWorkedWith Top 10 by Respondent
LanguageWorkedWith Top 10 by Respondent

Widget 2
DatabaseWorkedWith Filter condition
PlatformWorkedWith Includes: Linux
DatabaseWorkedWith Top 10 by Respondent

Widget 3
PlatformWorkedWith Filter condition
PlatformWorkedWith Includes: Linux
PlatformWorkedWith Top 10 by Respondent

Widget 4
WebFrameWorkedWith Filter condition
PlatformWorkedWith Includes: Linux
Respondent Top 10

Widget 5
LanguageDesireNextYear Filter condition
LanguageDesireNextYear Top 10 by Respondent

Widget 6
LanguageDesireNextYear Filter condition
LanguageDesireNextYear Top 10 by Respondent

Widget 7
PlatformDesireNextYear Top 10 by Respondent

Widget 8
WebFrameDesireNextYear Includes: ASP.NET, Angular/Angular.js, Django, Drupal, Express, Flask, Laravel, React.js, Ruby on Rails, Spring, Vue.js, jQuery
WebFrameDesireNextYear Top 10 by Respondent
WebFrameDesireNextYear Top 10 by Respondent

Widget 9
Gender Filter condition, Excludes: Non-binary, genderqueer, or gender non-conforming, Man;Non-binary, genderqueer, or gender non-conforming, Woman;Non-binary, genderqueer, or gender non-conforming, Woman;Man;Non-binary, genderqueer, or gender non-conforming, Woman;Man

Data points Included 1 data points

Widget 10
Data points Included 1 data points

Widget 11
Age Excludes: 99, (no value)
Data points Included 1 data points

Widget 12
Gender Includes: Man, Woman
Data points Included 1 data points

Widget 13
Gender Includes: Man, Woman
EdLevel Includes: Some college/university study without earning a degree, Secondary school (e.g. American high school, German Realschule or Gymnasium, etc.), Professional degree (JD, MD, etc.), Primary/elementary school, Other doctoral degree (Ph.D, Ed.D., etc.), Master's degree (MA, MS, M.Eng., MBA, etc.), I never completed any formal education, Bachelor's degree (BA, BS, B.Eng., etc.), Associate degree
Data points Included 1 data points