Current Technology Usage

1

Respondent by LanguageWorkedWith

2
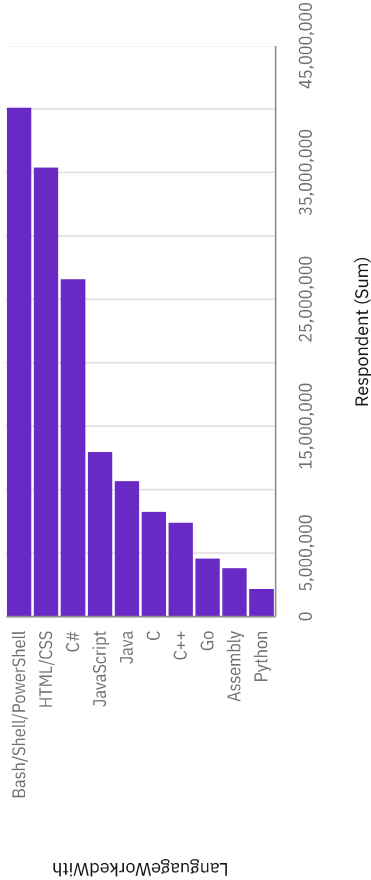
Respondent by DatabaseWorkedWith

3

Platforms

Respondent (Count)

56 — 2,503

4

### Top 10 Web Frameworks

Respondent (Count)

291 — 2,730
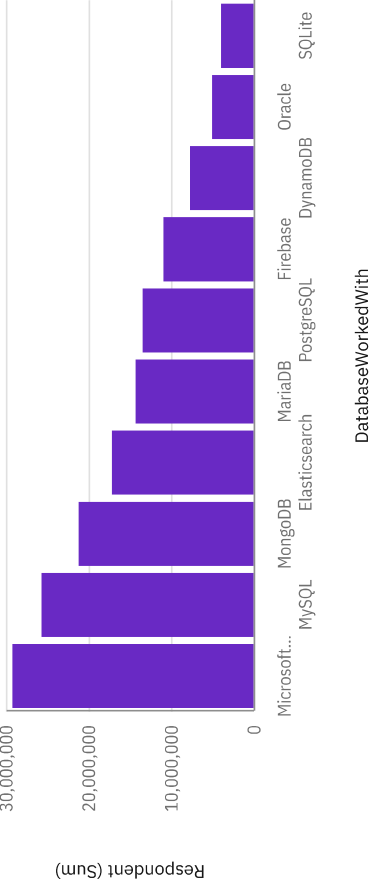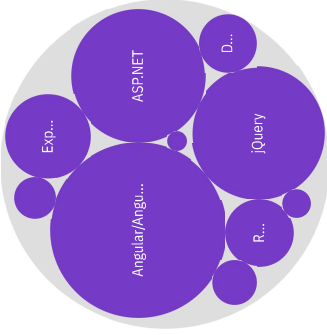
Future Technology Trend

Top 10 LanguageDesireNextYear

5

Bar chart: Respondent (Sum) by LanguageDesireNextYear
- HTML/CSS
- Bash/Shell/PowerShell
- JavaScript
- C#
- Java
- Go
- Python
- C++
- C
- PHP

X-axis: Respondent (Sum), 0 to 2,200,000
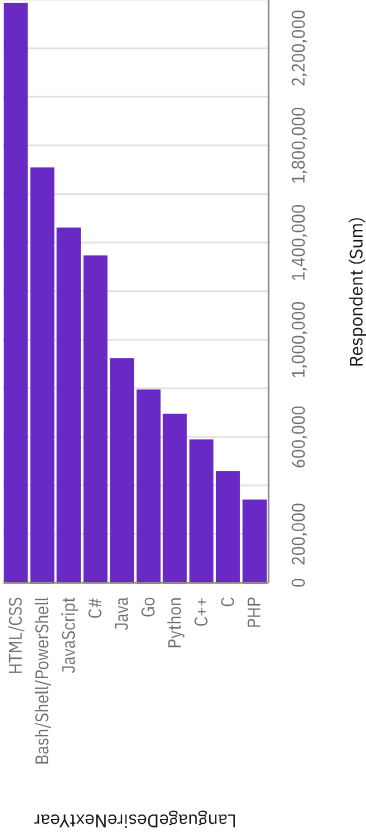
Top 10 DatabaseDesireNextYear

6

Bar chart: Respondent (Sum) by DatabaseDesireNextYear
- PostgreSQL
- MySQL
- Microsoft SQL S...
- MongoDB
- MariaDB
- Elasticsearch
- Redis
- SQLite
- Oracle
- Cassa...

Y-axis: Respondent (Sum), 0 to 2,000,000
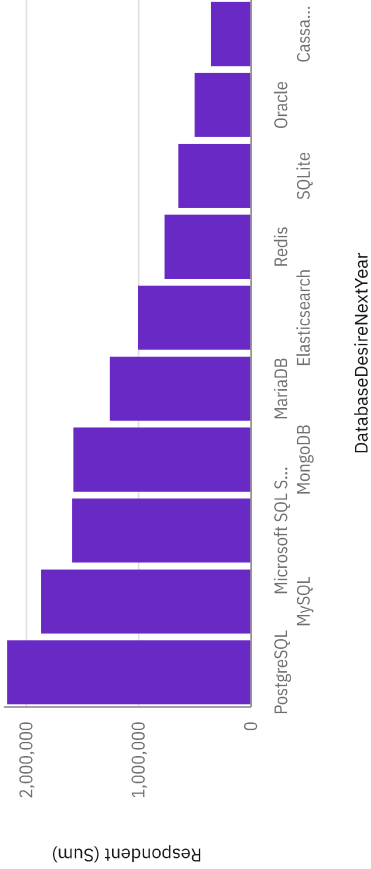
Respondent for PlatformDesireNextYear hierarchy

7

Respondent (Sum)
418,973 — 37,108,650

PlatformDesireNextYear
- AWS
- Docker
- IBM Cloud or Watson
- MacOS
- Android
- Google Cloud Platform
- Kubernetes
- Microsoft Azure
- Arduino
- Heroku
- Linux
- Other(s):

Treemap showing: AWS, Docker, Android, Linux, Heroku, Google..., Win..., Microso..., iOS, Kubernetes, MacOS, Ras..., Slack, Arduino
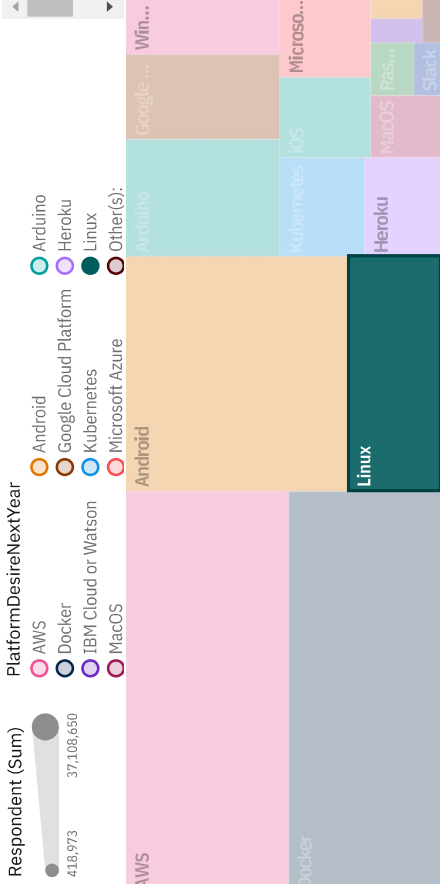
Top 10 WebFrameDesireNextYear

8

Respondent (Sum)
739,256 — 1,804,581

Bubble chart: React.js, JQuery, ASP..., Angul..., D..., S..., Vu..., E..., O..., F...
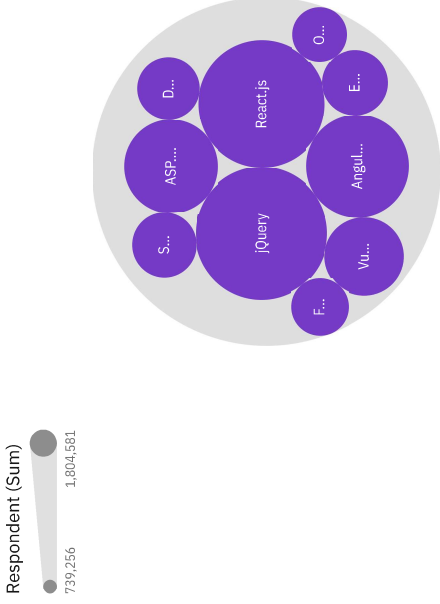
Demographics

Respondent classified by Gender

9

YearsCodePro
- 45
- 11
- Less than 1 year
- 12

- 21
- 30
- 10
- 1

- 16
- 22
- 7
- 6

- 16
- 20
- 9
- 5

- 14
- 17
- 15
- 8
- 4

Pie chart values: 16, 14, 11, 9, 8, 8, 6, 6, 4, 4, 4

Respondent Count for Countries

10

Respondent (Count)
1 — 43

© Mapbox © OpenStreetMap

Respondent Count by Age

11

Respondent (Count distinct) — Age
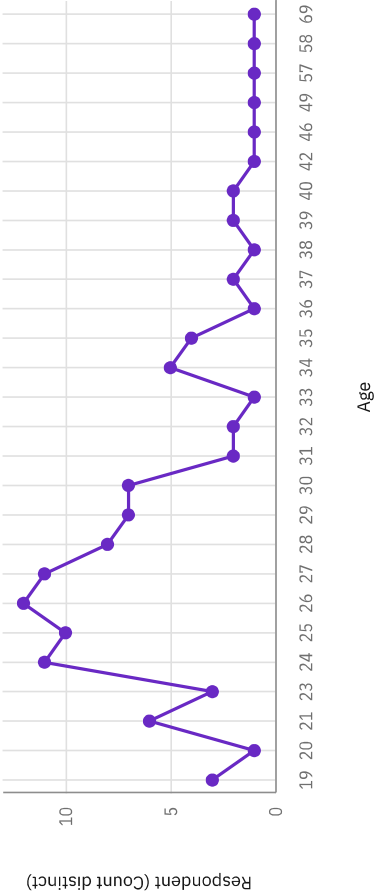
Respondent Count by Gender and Classified by Education Level

12

EdLevel
- Associate degree
- I never completed any formal edu...
- Other doctoral degree (Ph.D, Ed.D...

- Bachelor's degree (BA, BS, B.Eng....
- Master's degree (MA, MS, M.Eng.,...
- Professional degree (JD, MD, etc.)

Gender:
- Man;Non-binary, genderqueer, or gender non-con...
- Non-binary, genderqueer, or gender non-conforming
- Woman;Man
- Woman;Man;Non-binary, genderqueer, or gender ...
- Woman;Non-binary, genderqueer, or gender non-...

Respondent (Count distinct)

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

Widget 1

DatabaseDesireNextYear Excludes: (no value)

DatabaseWorkedWith Includes: SQLite, Redis, PostgreSQL, Other(s):, Oracle, MySQL, MongoDB, Microsoft SQL Server, Firebase, MariaDB, Elasticsearch, DynamoDB, Couchbase, Cassandra

LanguageDesireNextYear Excludes: (no value)

LanguageWorkedWith Includes: SQL, Scala, TypeScript, VBA, WebAssembly, Swift, Rust, Ruby, R, Python, PHP, Other(s):, Objective-C, Kotlin, JavaScript, Java, HTML/CSS, Go, F#, Erlang, Elixir, Dart, Clojure, C++, C#, C, Assembly, Bash/Shell/PowerShell

PlatformDesireNextYear Excludes: (no value)

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

WebFrameDesireNextYear Excludes: (no value)

WebFrameWorkedWith Includes: jQuery, Vue.js, Spring, Ruby on Rails, React.js, Other(s):, Laravel, Flask, Express, Drupal, Angular/Angular.js, Django, ASP.NET

LanguageWorkedWith Top 10 by Respondent

Widget 2

DatabaseDesireNextYear Excludes: (no value)

DatabaseWorkedWith Includes: SQLite, Redis, PostgreSQL, Other(s):, Oracle, MySQL, MongoDB, Microsoft SQL Server, Firebase, MariaDB, Elasticsearch, DynamoDB, Couchbase, Cassandra

LanguageDesireNextYear Excludes: (no value)

LanguageWorkedWith Includes: SQL, Scala, TypeScript, VBA, WebAssembly, Swift, Rust, Ruby, R, Python, PHP, Other(s):, Objective-C, Kotlin, JavaScript, Java, HTML/CSS, Go, F#, Erlang, Elixir, Dart, Clojure, C++, C#, C, Assembly, Bash/Shell/PowerShell

PlatformDesireNextYear Excludes: (no value)

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

WebFrameDesireNextYear Excludes: (no value)

WebFrameWorkedWith Includes: jQuery, Vue.js, Spring, Ruby on Rails, React.js, Other(s):, Laravel, Flask, Express, Drupal, Angular/Angular.js, Django, ASP.NET

DatabaseWorkedWith Top 10 by Respondent

Widget 3

DatabaseDesireNextYear Excludes: (no value)

DatabaseWorkedWith Includes: SQLite, Redis, PostgreSQL, Other(s):, Oracle, MySQL, MongoDB, Microsoft SQL Server, Firebase, MariaDB, Elasticsearch, DynamoDB, Couchbase, Cassandra

LanguageDesireNextYear Excludes: (no value)

LanguageWorkedWith Includes: SQL, Scala, TypeScript, VBA, WebAssembly, Swift, Rust, Ruby, R, Python, PHP, Other(s):, Objective-C, Kotlin, JavaScript, Java, HTML/CSS, Go, F#, Erlang, Elixir, Dart, Clojure, C++, C#, C, Assembly, Bash/Shell/PowerShell

PlatformDesireNextYear Excludes: (no value)

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

WebFrameDesireNextYear Excludes: (no value)

WebFrameWorkedWith Includes: jQuery, Vue.js, Spring, Ruby on Rails, React.js, Other(s):, Laravel, Flask, Express, Drupal, Angular/Angular.js, Django, ASP.NET

Widget 4

DatabaseDesireNextYear Excludes: (no value)

DatabaseWorkedWith Includes: SQLite, Redis, PostgreSQL, Other(s):, Oracle, MySQL, MongoDB, Microsoft SQL Server, Firebase, MariaDB, Elasticsearch, DynamoDB, Couchbase, Cassandra

LanguageDesireNextYear Excludes: (no value)

LanguageWorkedWith Includes: SQL, Scala, TypeScript, VBA, WebAssembly, Swift, Rust, Ruby, R, Python, PHP, Other(s):, Objective-C, Kotlin, JavaScript, Java, HTML/CSS, Go, F#, Erlang, Elixir, Dart, Clojure, C++, C#, C, Assembly, Bash/Shell/PowerShell

PlatformDesireNextYear Excludes: (no value)

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

WebFrameDesireNextYear Excludes: (no value)

WebFrameWorkedWith Includes: jQuery, Vue.js, Spring, Ruby on Rails, React.js, Other(s):, Laravel, Flask, Express, Drupal, Angular/Angular.js, Django, ASP.NET

WebFrameWorkedWith Top 10 by Respondent

Widget 5

PlatformDesireNextYear Includes: Linux

DatabaseDesireNextYear All

DatabaseWorkedWith Excludes: (no value)

LanguageDesireNextYear Includes: WebAssembly, VBA, TypeScript, Swift, Scala, PHP, SQL, Ruby, Rust, R, Python, Objective-C, Kotlin, Other(s):, JavaScript, Java, HTML/CSS, Go, F#, Erlang, Elixir, Dart, Clojure, C++, C#, C, Bash/Shell/PowerShell, Assembly

LanguageWorkedWith Excludes: (no value)

PlatformDesireNextYear All

PlatformWorkedWith Excludes: (no value)

WebFrameDesireNextYear All

WebFrameWorkedWith Excludes: (no value)

LanguageDesireNextYear Top 10 by Respondent

Widget 6

PlatformDesireNextYear Includes: Linux

DatabaseDesireNextYear All

DatabaseWorkedWith Excludes: (no value)

LanguageDesireNextYear Includes: WebAssembly, VBA, TypeScript, Swift, Scala, PHP, SQL, Ruby, Rust, R, Python, Objective-C, Kotlin, Other(s):, JavaScript, Java, HTML/CSS, Go, F#, Erlang, Elixir, Dart, Clojure, C++, C#, C, Bash/Shell/PowerShell, Assembly

LanguageWorkedWith Excludes: (no value)

PlatformDesireNextYear All

PlatformWorkedWith Excludes: (no value)

WebFrameDesireNextYear All

WebFrameWorkedWith Excludes: (no value)

DatabaseDesireNextYear Top 10 by Respondent

Widget 7

PlatformDesireNextYear Includes: Linux

DatabaseDesireNextYear All

DatabaseWorkedWith Excludes: (no value)

LanguageDesireNextYear Includes: WebAssembly, VBA, TypeScript, Swift, Scala, PHP, SQL, Ruby, Rust, R, Python, Objective-C, Kotlin, Other(s):, JavaScript, Java, HTML/CSS, Go, F#, Erlang, Elixir, Dart, Clojure, C++, C#, C, Bash/Shell/PowerShell, Assembly

LanguageWorkedWith Excludes: (no value)

PlatformDesireNextYear All

PlatformWorkedWith Excludes: (no value)

WebFrameDesireNextYear All

WebFrameWorkedWith Excludes: (no value)

Widget 8

PlatformDesireNextYear Includes: Linux

DatabaseDesireNextYear All

DatabaseWorkedWith Excludes: (no value)

LanguageDesireNextYear Includes: WebAssembly, VBA, TypeScript, Swift, Scala, PHP, SQL, Ruby, Rust, R, Python, Objective-C, Kotlin, Other(s):, JavaScript, Java, HTML/CSS, Go, F#, Erlang, Elixir, Dart, Clojure, C++, C#, C, Bash/Shell/PowerShell, Assembly

LanguageWorkedWith Excludes: (no value)

PlatformDesireNextYear All

PlatformWorkedWith Excludes: (no value)

WebFrameDesireNextYear All

WebFrameWorkedWith Excludes: (no value)

WebFrameDesireNextYear Top 10 by Respondent

Widget 9

Age Between 16 and 90

Country All

EdLevel Excludes: (no value)

Gender Excludes: Man, Woman, (no value)

YearsCodePro Excludes: (no value)

Widget 10

Age Between 16 and 90

Country All

EdLevel Excludes: (no value)

Gender Excludes: Man, Woman, (no value)

YearsCodePro Excludes: (no value)

Widget 11

Age Between 16 and 90

Country All

EdLevel Excludes: (no value)

Gender Excludes: Man, Woman, (no value)

YearsCodePro Excludes: (no value)

Widget 12

Age Between 16 and 90

Country All

EdLevel Excludes: (no value)

Gender Excludes: Man, Woman, (no value)

YearsCodePro Excludes: (no value)