# Current Technology Usage

## Top 10 Languages Worked with  1



| Language | Respondent (Count) |
|---|---|
| JavaScript | 8,687 |
| HTML/CSS | 7,830 |
| SQL | 7,106 |
| Bash/Shell/PowerShell | 4,642 |
| Python | 4,542 |
| Java | 4,506 |
| C# | 4,288 |
| TypeScript | 3,232 |
| PHP | 2,913 |
| C++ | 1,946 |

## Top 10 Databases Worked With  2



| Database | Respondent (Count) |
|---|---|
| MySQL | 5,469 |
| Microsoft SQL Server | 4,110 |
| PostgreSQL | 4,097 |
| SQLite | 3,248 |
| MongoDB | 3,016 |
| Redis | 2,508 |
| Elasticsearch | 1,954 |
| Oracle | 1,744 |
| MariaDB | 1,709 |
| Firebase | 1,314 |

## Platform Worked With  3

Respondent (Count)
215 — 5,811



## Top 10 web frame worked with  4

Respondent (Count)
939 — 4,629

# Future Technology Usage

## Top 10 Languages desired



Horizontal bar chart — LanguageDesireNextYear vs Respondent (Count)
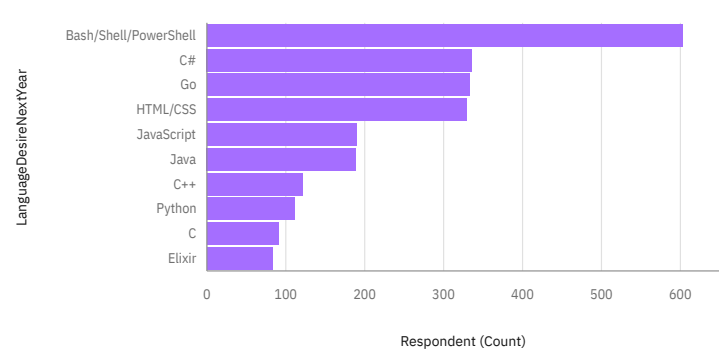
| Language | Respondent (Count) |
|---|---|
| Bash/Shell/PowerShell | ~600 |
| C# | ~335 |
| Go | ~330 |
| HTML/CSS | ~325 |
| JavaScript | ~190 |
| Java | ~185 |
| C++ | ~120 |
| Python | ~110 |
| C | ~90 |
| Elixir | ~85 |

## Top 10 databases desired



Bar chart — DatabaseDesireNextYear vs Respondent (Count): PostgreSQL (~4,400), MongoDB (~3,650), Redis (~3,350), MySQL (~3,300), Elasticsearch (~2,900), Microsoft SQL Server (~2,700), SQLite (~2,450), Firebase (~1,700), MariaDB (~1,400), Dynam... (~1,050)
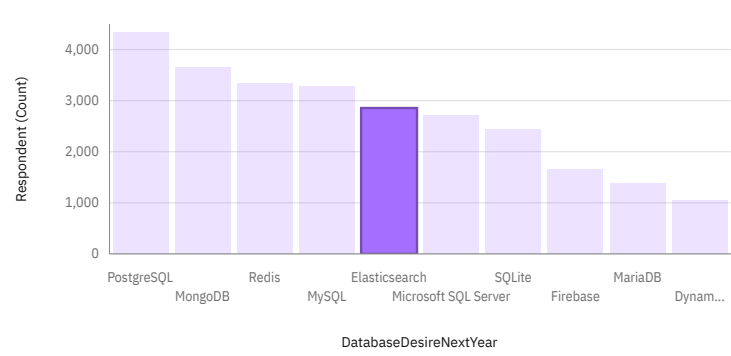
## Platform desired next year



Respondent (Count) 34 — 775

Treemap: Docker, AWS, Android, Arduino, Linux, Google ..., Kubernetes, Heroku

## Top 10 web frame desired



Respondent (Count) 64 — 512

Bubble chart: Angular/Angul..., React.js, j..., ASP.N..., Expr..., F..., Djang...
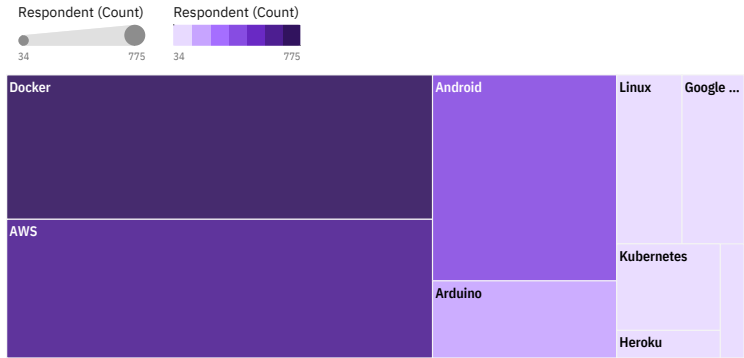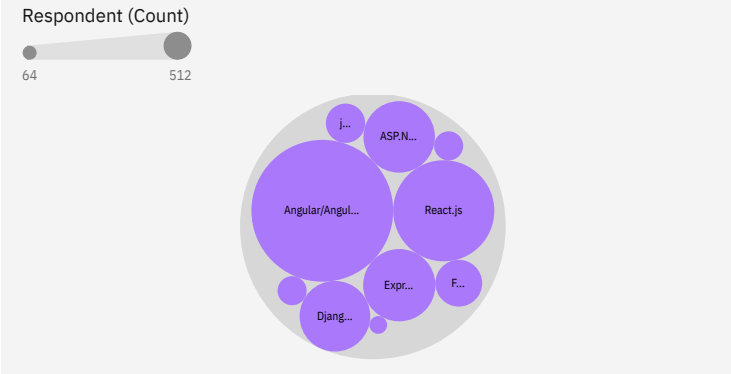
# Demographics

## Proportion of Gender

Gender
- 🔵 Woman
- 🟣 Man

6.5%

93.5%
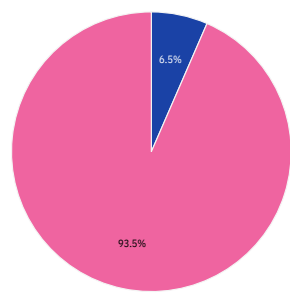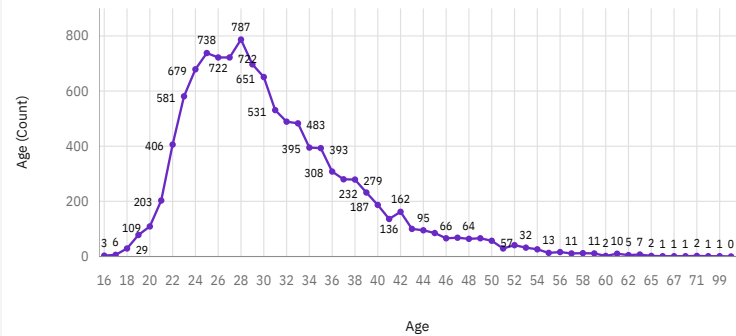
## Countries of respondents

9

Respondent (Count)

1    3,127

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## Distribution of Age
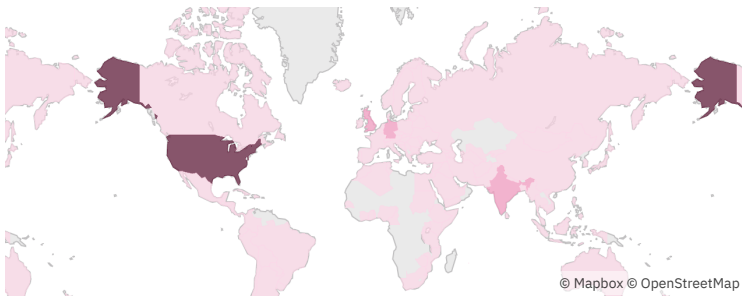


## Respondent by EdLevel and Gender

10

EdLevel
- 🔴 Associate degree
- 🔴 Bachelor's degree (BA, BS, B.Eng....
- 🟣 Master's degree (MA, MS, M.Eng.,...
- 🔵 Other doctoral degree (Ph.D, Ed.D...
- 🟢 Primary/elementary school
- 🔴 Professional degree (JD, MD, etc.)
- 🔴 Secondary school (e.g. American ...

Man: 5,341 | 2,484 | 482

Woman: 412

Gender (Count)
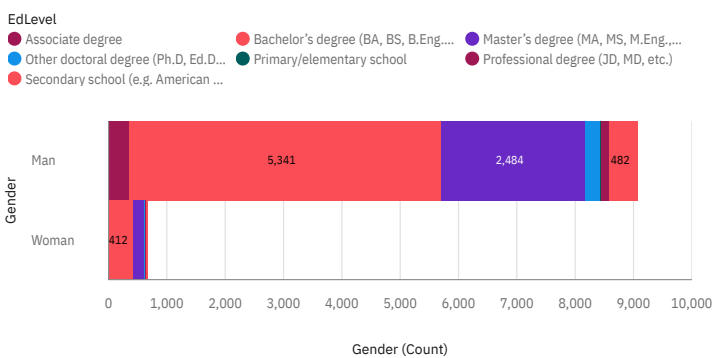
**Filter(s) applied to the visualization(s):**

**Widget 1**
LanguageWorkedWith Top 11 by Respondent

**Widget 2**
DatabaseWorkedWith Top 11 by Respondent

**Widget 3**
PlatformWorkedWith Excludes: (no value)

**Widget 4**
WebFrameWorkedWith Top 11 by Respondent

**Widget 5**
DatabaseDesireNextYear Includes: Elasticsearch
LanguageDesireNextYear Top 11 by Respondent

**Widget 6**
DatabaseDesireNextYear Includes: Elasticsearch
DatabaseDesireNextYear Top 11 by Respondent

**Widget 7**
DatabaseDesireNextYear Includes: Elasticsearch
PlatformDesireNextYear Top 10 by Respondent

**Widget 8**
DatabaseDesireNextYear Includes: Elasticsearch
WebFrameDesireNextYear Top 11 by Respondent

**Widget 9**
Gender Excludes: (no value)
Gender Excludes: Non-binary, genderqueer, or gender non-conforming
Gender Excludes: Man;Non-binary, genderqueer, or gender non-conforming
Gender Excludes: Woman;Non-binary, genderqueer, or gender non-conforming
Gender Excludes: Woman;Man
Gender Excludes: Woman;Man;Non-binary, genderqueer, or gender non-conforming

**Widget 10**
EdLevel Includes: Associate degree, Bachelor's degree (BA, BS, B.Eng., etc.), Master's degree (MA, MS, M.Eng., MBA, etc.), Other doctoral degree (Ph.D, Ed.D., etc.), Primary/elementary school, Professional degree (JD, MD, etc.), Secondary school (e.g. American high school, German Realschule or Gymnasium, etc.)
Gender Includes: Man, Woman