Current Technology Usage

Top 10 Languages

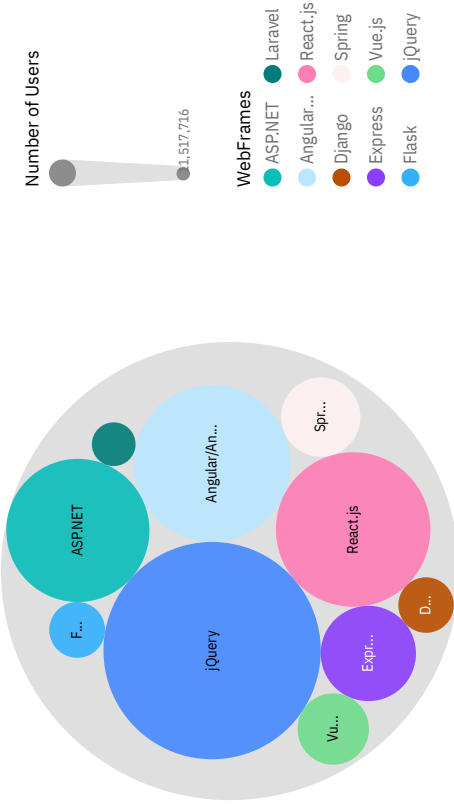| Language	Number of Respondents
JavaScript	108,371,442
HTML/CSS	97,521,608
SQL	88,712,115
Bash/Shell/PowerShell	57,976,092
Python	56,108,957
Java	55,836,723
C#	53,376,993
TypeScript	40,230,558
PHP	36,438,296
C++	24,456,246

Top 10 Databases

Database	Number of Respondents
MySQL	68,301,583
PostgreSQL	51,129,157
Microsoft SQL...	51,056,094
SQLite	40,137,629
MongoDB	37,462,758
Redis	31,557,370
Elasticsearch	24,154,705
MariaDB	21,299,862
Oracle	21,247,003
Firebase	16,227,799

Current Platforms Used

Platforms: AWS, Google Cloud Platform, Linux, Slack, Android, Heroku, MacOS, Windows, Arduino, IBM Cloud or Watson, Microsoft Azure, WordPress, Docker, Kubernetes, Raspberry Pi, iOS

Top 10 WebFrames

Number of Users — 1,517,716

WebFrames: ASP.NET, Angular..., Django, Express, Flask, Laravel, React.js, Spring, Vue.js, jQuery
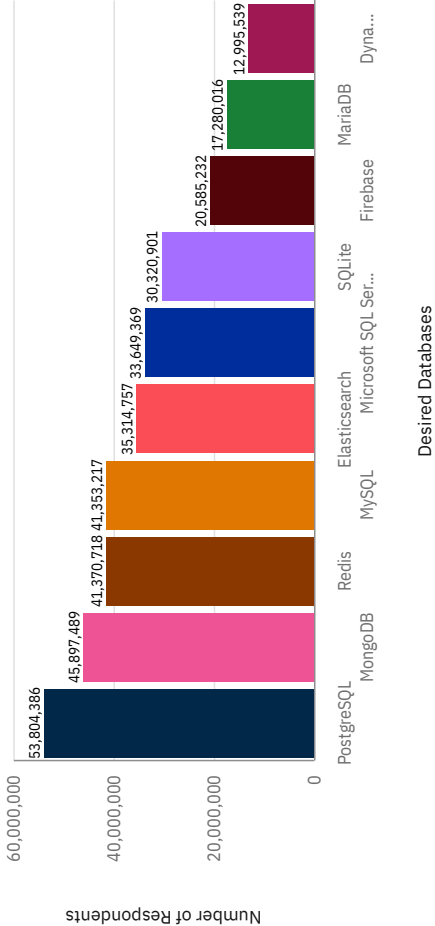
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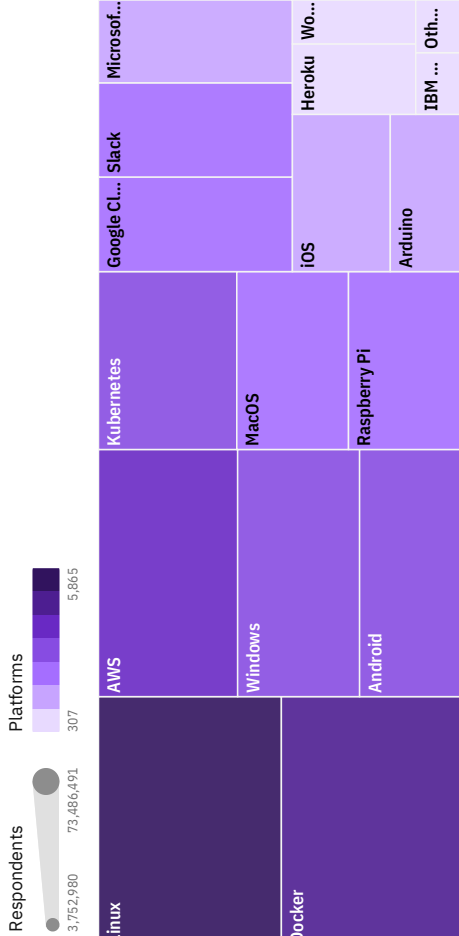## Future Technology Trend

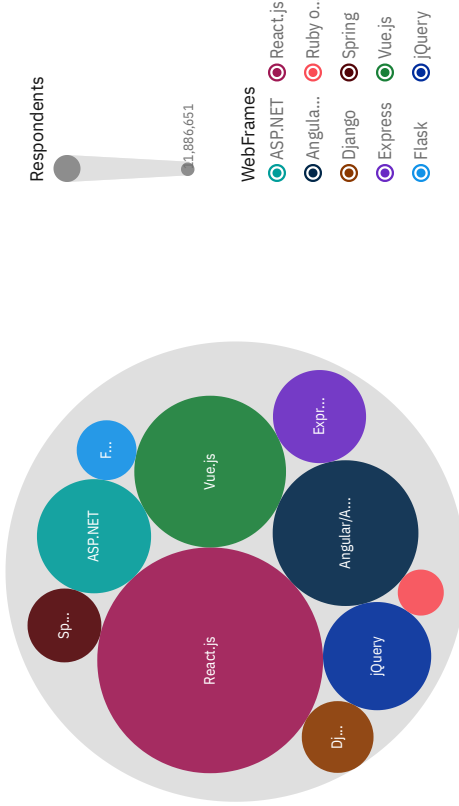### Top 10 Desired Languages to Learn
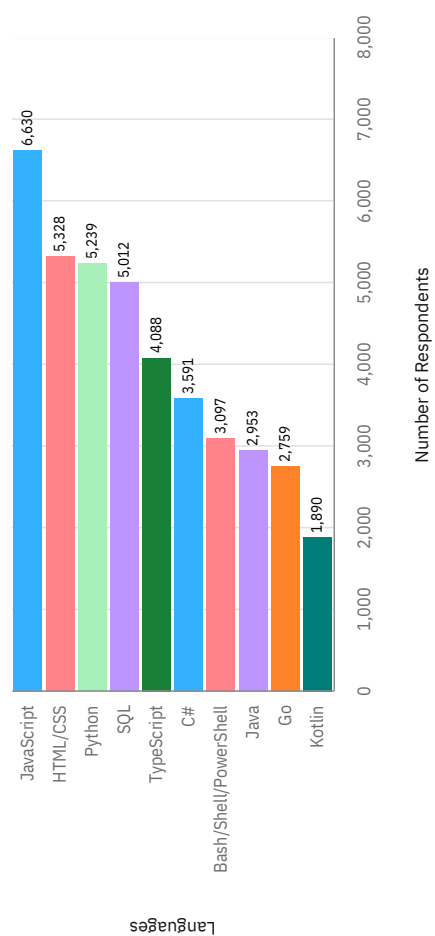
Top 10 Desired Databases to Learn Next Year
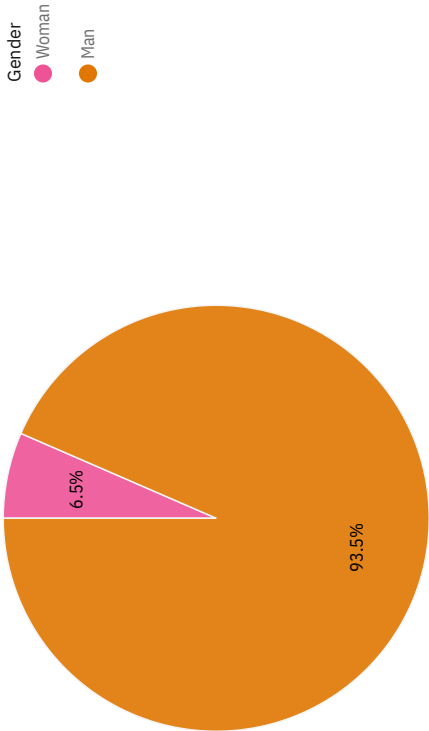

Desired Platforms to Learn Next Year
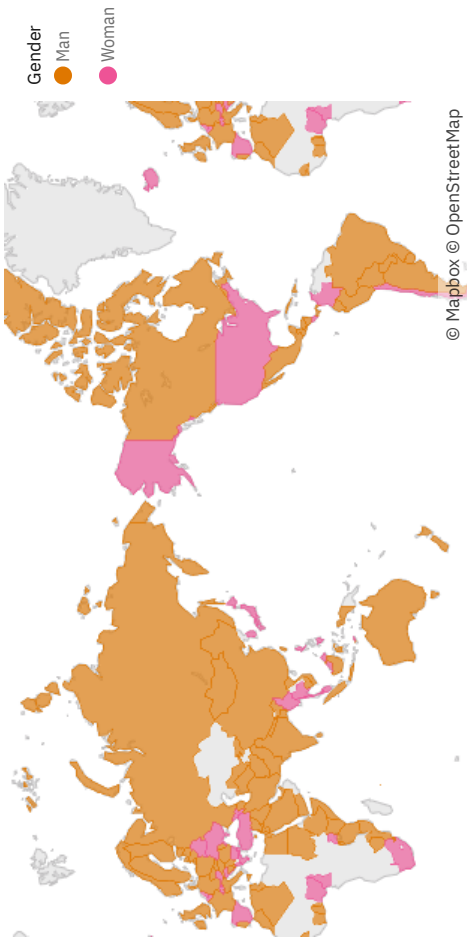

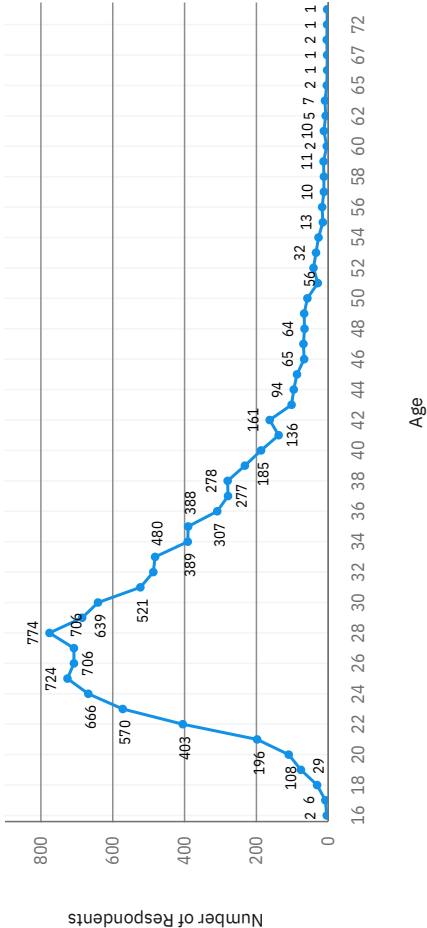### Top 10 Desired WebFrames to Learn Next Year

Demographics

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Respondent by Gender

6.5%

93.5%

Gender
- Woman
- Man

Respondent Locations

© Mapbox © OpenStreetMap

Gender
- Man
- Woman

Respondent by Age

Number of Respondents

800

600

400

200

0

2 6 29 108 196 403 570 666 724 774 706 706 639 521 480 389 388 307 278 277 185 136 161 94 65 64 56 32 13 10 11 2 10 5 7 2 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 72

Age

Formal Education Level by Gender

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…

Gender

Man
Woman

5,341   2,484   482   1,280

Number of Respondents

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