Current Technology Usage

Top Ten Languages Worked With   1

Language	Number of Users
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

Number of Users
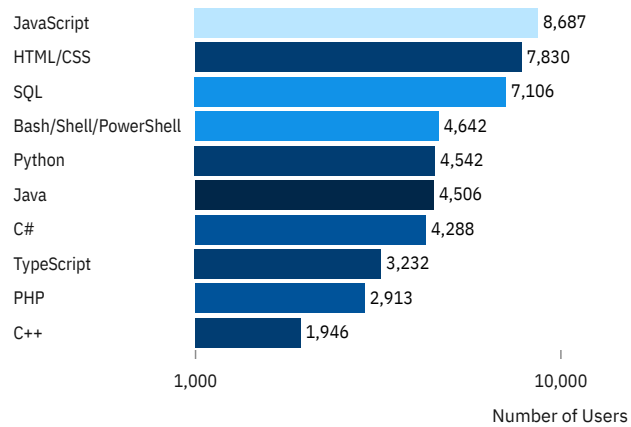
Top Ten Databases Worked With   2

Database	Number of Users
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

Databases Used

Platform Worked With

AWS · Linux · Other(s): · Arduino · IBM Cloud or Watson · Windows · Docker · Heroku · Slack · Android · Kubernetes · Google Cloud Platform · WordPress · Microsoft Azure · MacOS · iOS · Raspberry Pi
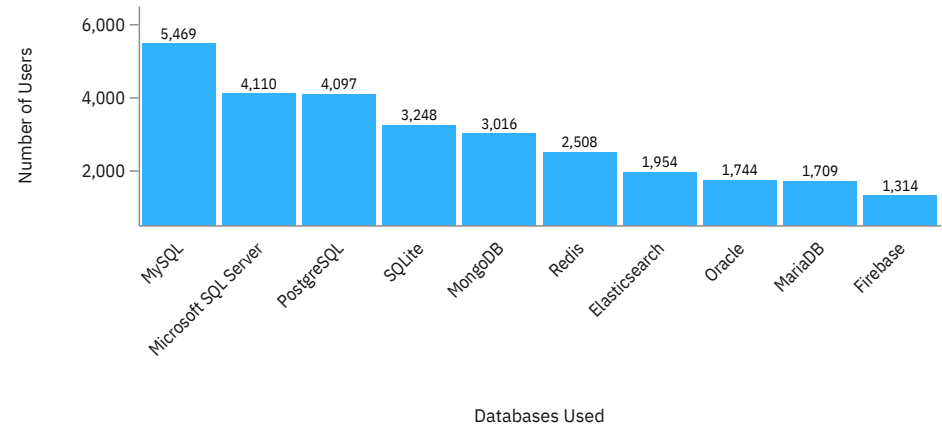
Top Ten Web Frame Worked With   3

Flask · ASP.NET · L... · jQuery · Angular/Angular.js · Vue.js · Express · React.js · Spring · Dja...
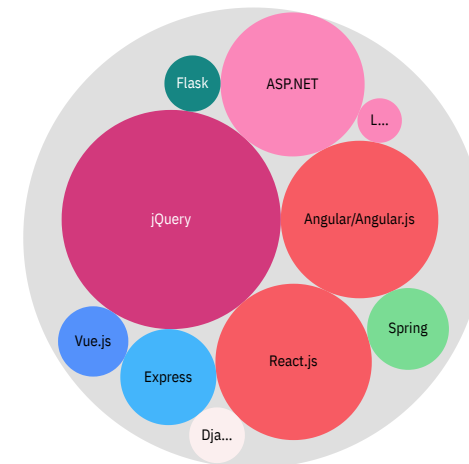
Future Technology Trend

Top Ten Language Desired for Next Year   4

Horizontal bar chart, Languages Used vs Number of Users:
- JavaScript: 6,630
- HTML/CSS: 5,328
- Python: 5,239
- SQL: 5,012
- TypeScript: 4,088
- C#: 3,591
- Bash/Shell/PowerShell: 3,097
- Java: 2,953
- Go: 2,759
- Kotlin: 1,890
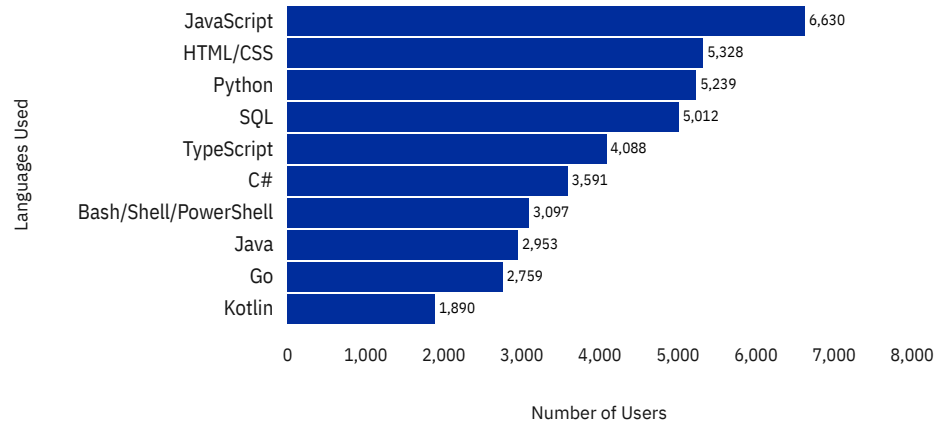
Top Ten Desired Database for Next Year   5

Vertical bar chart, Number of Users vs Databases Used:
- PostgreSQL: 4,328
- MongoDB: 3,649
- Redis: 3,331
- MySQL: 3,281
- Elasticsearch: 2,856
- Microsoft SQL Server: 2,706
- SQLite: 2,437
- Firebase: 1,650
- MariaDB: 1,385
- DynamoDB: 1,044
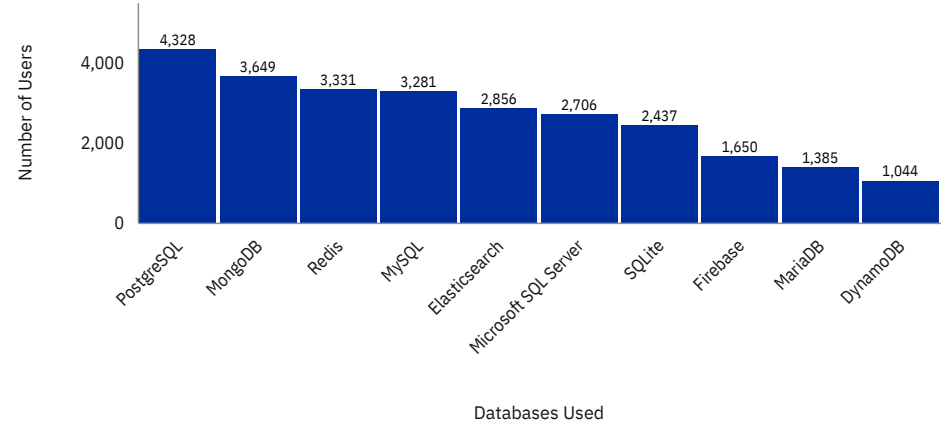
Platforms Desired for Next Year

Numbers for Platf...   0 — 5,865
Heat for Platforms   0 — 5,865

Treemap of platforms:
- Linux: 5,865
- Docker: 5,804
- AWS: 4,442
- Windows: 3,888
- Android: 3,231
- Kubernetes: 3,201
- MacOS: 2,593
- Raspberry Pi: 2,525
- Google Cl...: 2,401
- Slack: 2,359
- Microsof...: 2,114
- iOS: 1,987
- Arduino: 1,399
- Heroku: 1,121
- Wo...: 704
- IBM ...: 373
- Oth...: 307
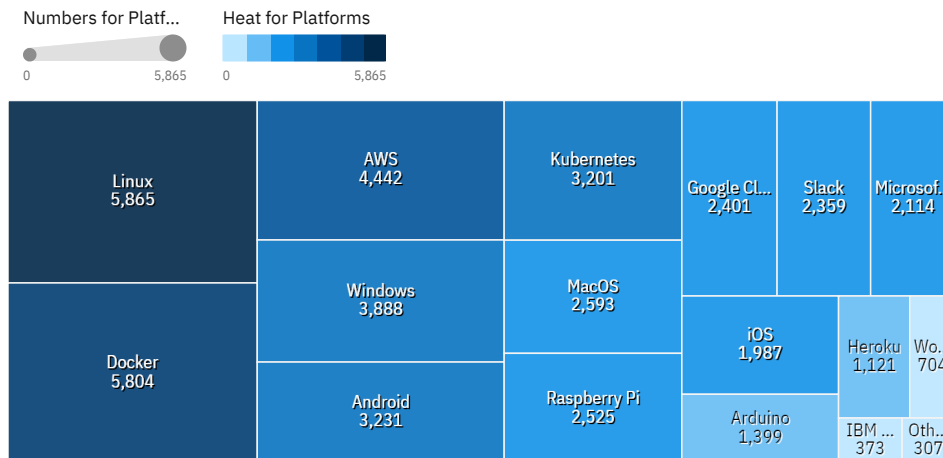
Top Ten Desired Web Frame for Next Year

Bubble chart of web frameworks: Spring, ASP.NET, O..., R..., React.js, Vue.js, Express, L..., Django, jQuery, Angular/Angular.js, Flask
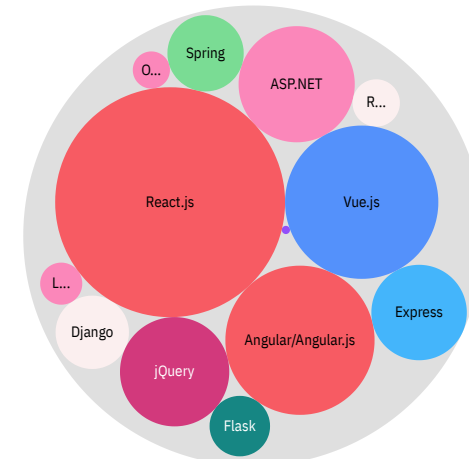
Demographics

Respondents By Gender   6   ### Respondent Count By Country
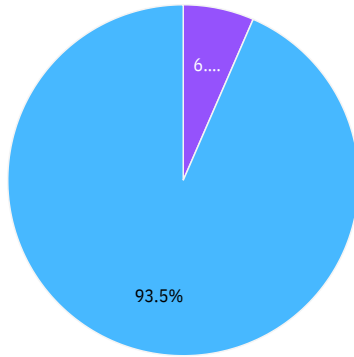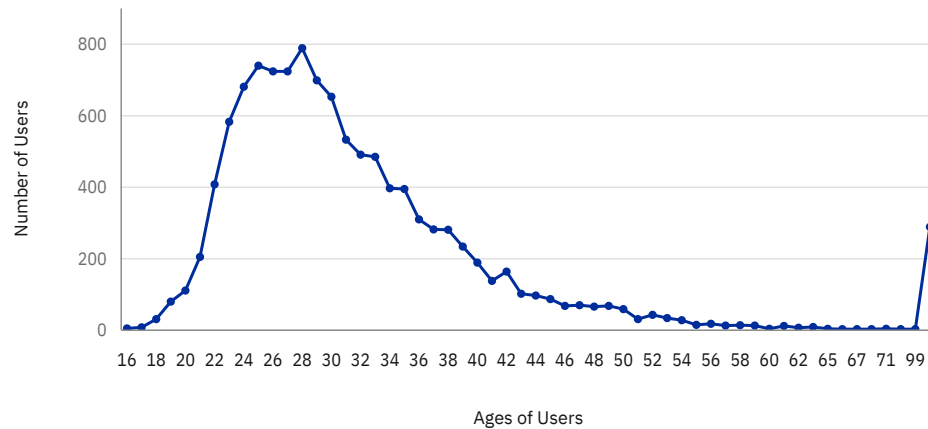
Gender
🟣 Woman 🔵 Man

Country (Count)

1   3,127

6....

93.5%

Norway   Russian Federation

Canada

United States   Iran   China
Mexico   India

Indonesia

Brazil   Australia
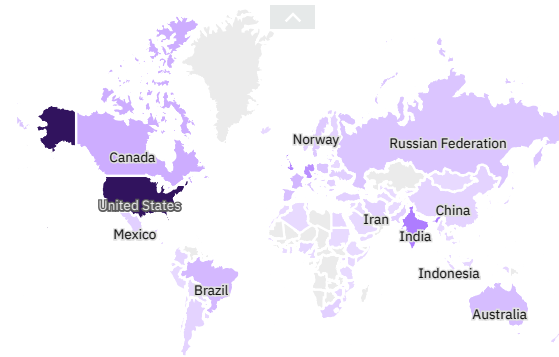
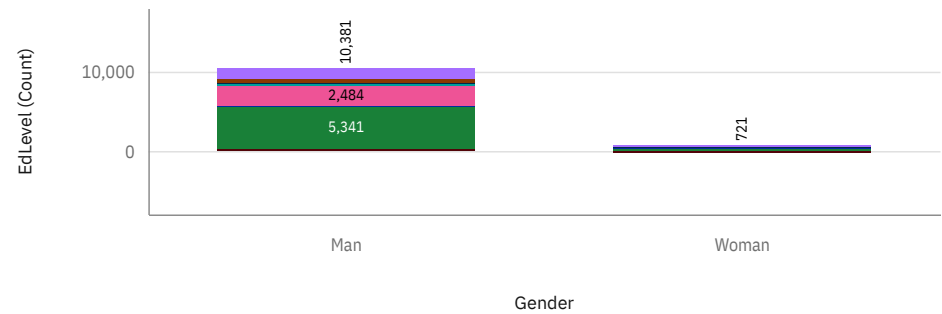### Respondent by Age   Formal Education by Gender   7

Education Level
🔴 Associate degree   🟢 Bachelor's degree (BA, BS, B.Eng....   🔵 I never completed any formal edu...
🔴 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 ... 🟣 Some college/university study wit...

800

600

Number of Users

400

200

0
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

Ages of Users

10,000

EdLevel (Count)

0

10,381

2,484

5,341

721

Man   Woman

Gender

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

Widget 1
LanguageWorkedWith Top 10

Widget 2
DatabaseWorkedWith Top 10

Widget 3
WebFrameWorkedWith Top 10

Widget 4
LanguageDesireNextYear Top 10

Widget 5
DatabaseDesireNextYear Top 10

Widget 6
Gender Includes: Man, Woman

Widget 7
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