Current Technology Usage

Top 10 Languages Used by Developers

Language	Number of Users
Assembly	437
C	4,642
(second bar near C)	1,578
C++	4,288
(C++ second)	1,946
Dart	164
Erlang	187
(Erlang second)	158
Go	1,114
(Go second)	7,830
Java	4,506
(Java second)	8,687
Kotlin	751
Other(s):	840
(Other second)	2,913
Python	4,542
Ruby	585
(Ruby second)	1,149
SQL	324
(SQL second)	7,106
Swift	492
(Swift second)	3,232
VBA	628
(VBA second)	133

Top 10 Databases

Database	Number of Users
Cassandra	397
Couchbase	250
DynamoDB	831
Elasticsearch	1,954
Firebase	1,314
MariaDB	1,709
Microsoft S...	4,110
MongoDB	3,016
MySQL	5,469
Oracle	1,744
Other(s):	728
PostgreSQL	4,097
Redis	2,508
SQLite	3,248

Platforms Used

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

Top 10 Web Frameworks

jQuery, ASP.NET, F..., Angular/An..., React.js, Vu..., Expr..., Spri..., D...
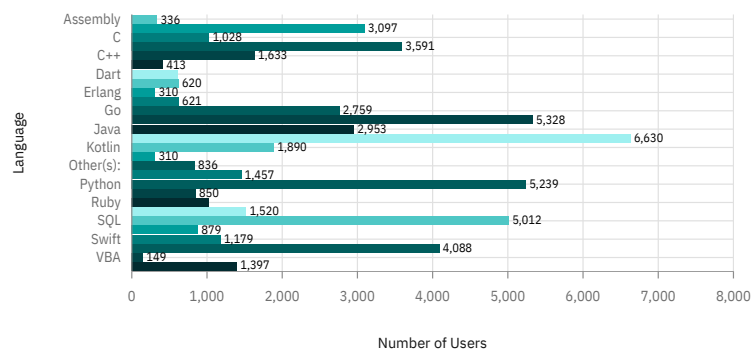
WebFrameWorke...
91

WebFrameWorkedWith
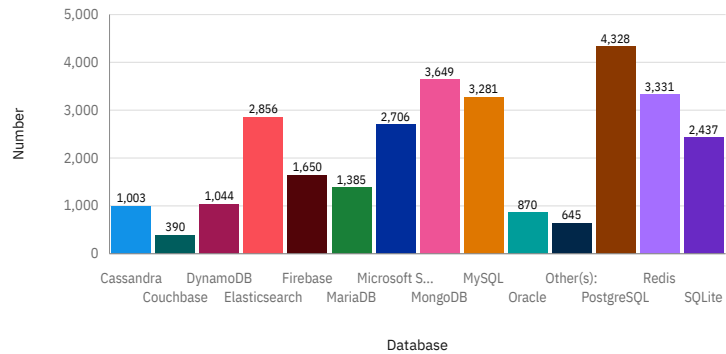- ASP.NET
- Angul...
- Django
- Drupal
- Express
- Flask
- Laravel
- Other(...
- React.js
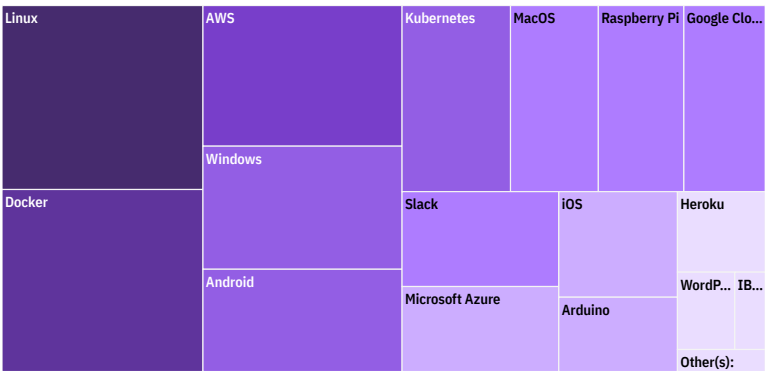- Ruby ...
- Spring
- Vue.js
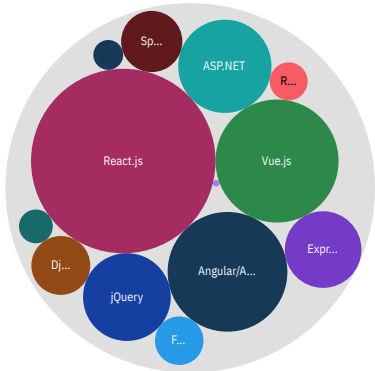- jQuery

Future Technology Trend

Top 10 Languages Desired

Assembly: 336
C: 3,097
C++: 1,028 / 3,591
Dart: 1,633
Erlang: 413
Go: 620 / 310
Java: 621 / 2,759 / 5,328
Kotlin: 2,953 / 6,630
Other(s): 1,890 / 310 / 836
Python: 1,457 / 5,239
Ruby: 850
SQL: 1,520 / 5,012
Swift: 879 / 1,179
VBA: 149 / 4,088 / 1,397

X-axis: Number of Users (0 – 8,000)
Y-axis: Language

Top 10 Desired Databases

Cassandra: 1,003
Couchbase: 390
DynamoDB: 1,044
Elasticsearch: 2,856
Firebase: 1,650
MariaDB: 1,385
Microsoft S...: 2,706
MongoDB: 3,649
MySQL: 3,281
Oracle: 870
Other(s): 645
PostgreSQL: 4,328
Redis: 3,331
SQLite: 2,437

Y-axis: Number (0 – 5,000)
X-axis: Database

Top 10 Desired Platforms

Linux, Docker, AWS, Windows, Android, Kubernetes, Slack, Microsoft Azure, MacOS, iOS, Arduino, Raspberry Pi, Google Clo..., Heroku, WordP..., IB..., Other(s):

Top 10 Desired Web Frameworks

Sp..., ASP.NET, R..., React.js, Vue.js, Dj..., Angular/A..., jQuery, Expr..., F...

Demographics

Respondent by Gender

Gender
- Woman
- Man

Man | 93.5%
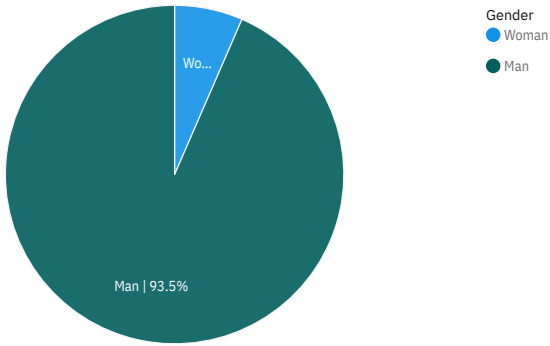
Respondent Count for Countries

© Mapbox © OpenStreetMap

Respondent by Age

Values along the line (left to right): 3, 78, 6, 203, 406, 581, 679, 722, 738, 787, 712, 651, 531, 395, 483, 308, 393, 232, 187, 279, 136, 162, 95, 66, 64, 57, 32, 13, 11, 11, 2, 10, 5, 7, 2, 1, 1, 1, 2, 1, 1

X-axis (Age): 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

Y-axis: Number of Responses
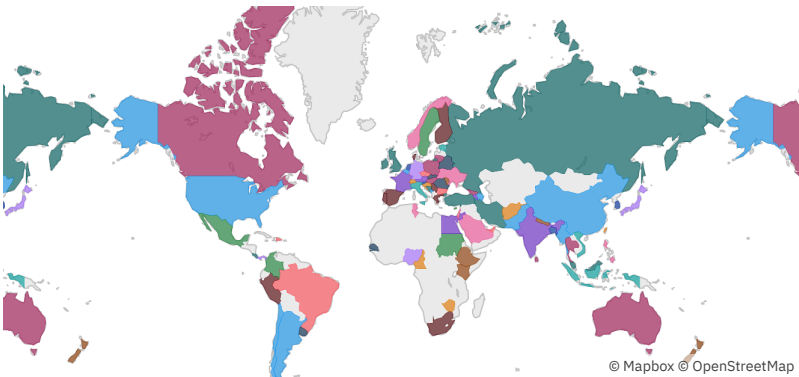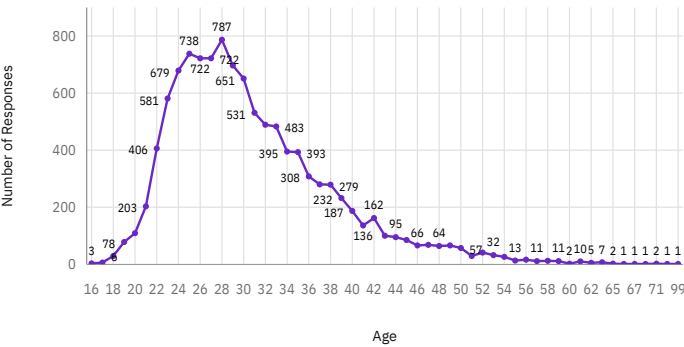
Respondent and Gender by EdLevel

EdLevel	Values
Associate degree	
Bachelor's degree (BA, BS, B.Eng., etc.)	5,852
I never completed any formal education	
Master's degree (MA, MS, M.Eng., MBA, etc.)	2,706
Other doctoral degree (Ph.D, Ed.D., etc.)	
Primary/elementary school	
Professional degree (JD, MD, etc.)	
Secondary school (e.g. American high school, German R...	516
Some college/university study without earning a degree	1,361

X-axis (Values): 0, 1,000, 2,000, 3,000, 4,000, 5,000, 6,000