

### Current Technology Usage

#### Top 10 Languages

Legend: Bash/Shell/PowerShell, C#, C++, HTML/CSS, Java, JavaScript, PHP, Python

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

#### Top 10 Databases

Legend: DatabaseWorkedWith: Elasticsearch, Firebase, MariaDB, Microsoft SQL Server, MongoDB, MySQL, Oracle, PostgreSQL, Redis, SQLite

DatabaseWorkedWith	Count
MySQL	4,629
PostgreSQL	4,000
SQLite	3,232
MongoDB	2,913
Redis	2,106
Elasticsearch	1,946
Oracle	1,542
MariaDB	1,506
Firebase	1,288

#### Platforms by Popularity

Legend: PlatformWorkedWith: AWS, Docker, Google Cloud Platform, Kubernetes, Microsoft Azure, Linux, MacOS, Raspberry Pi, Slack, Docker, Kubernetes, Google Cloud Platform, Microsoft Azure, Raspberry Pi, Slack

PlatformWorkedWith: AWS, Docker, Google Cloud Platform, Kubernetes, Microsoft Azure, Linux, MacOS, Raspberry Pi, Slack, Docker, Kubernetes, Google Cloud Platform, Microsoft Azure, Raspberry Pi, Slack

#### Top 10 Web Frames

Legend: ASP.NET, Flask, jQuery, Angular/Angular.js, Django, Express, Laravel, React.js, Spring, Vue.js

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### Top 10 Databases

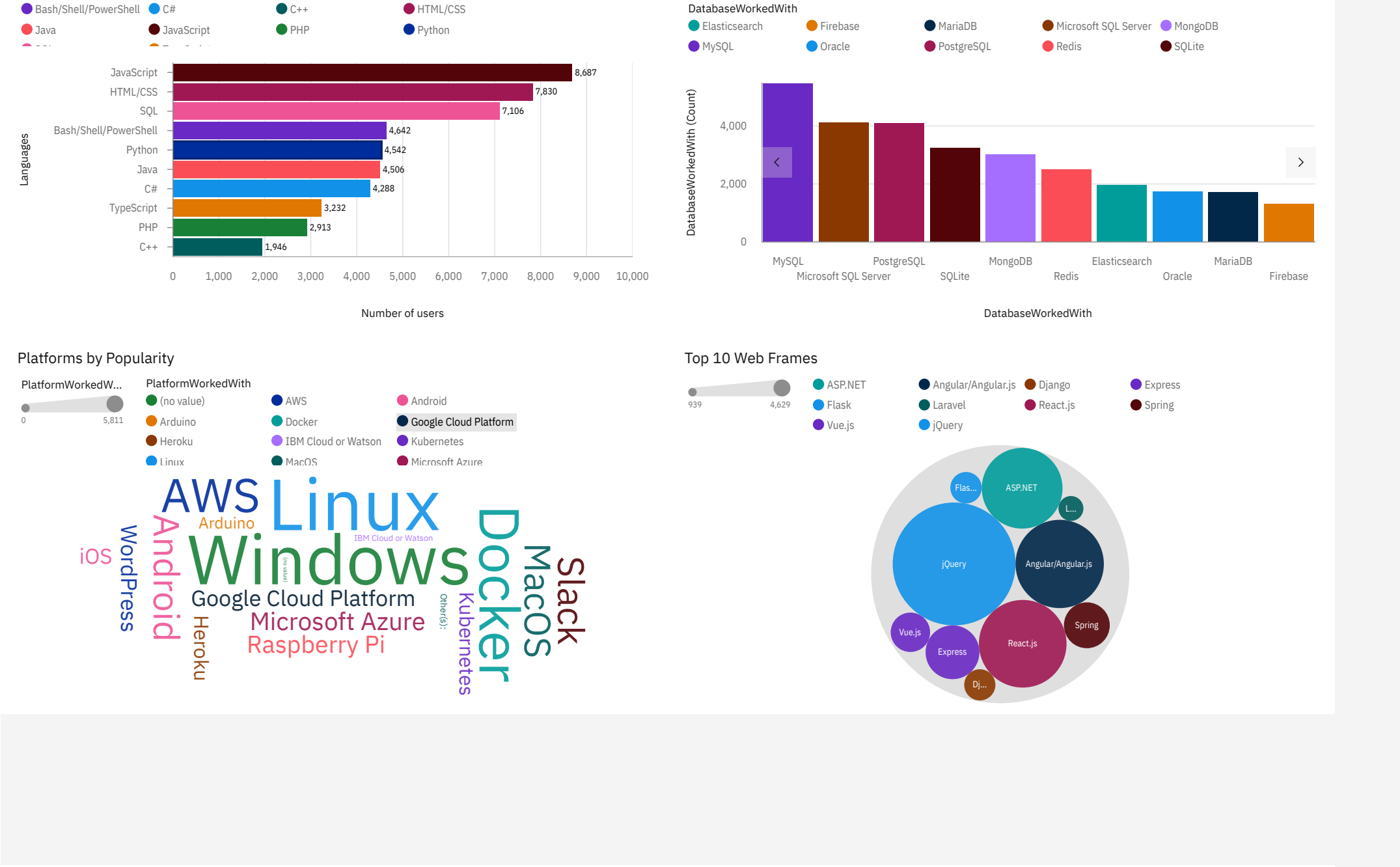
Database	Count
MySQL	4,629
PostgreSQL	4,011
MongoDB	3,011
Elasticsearch	2,011
MariaDB	1,711
Oracle	1,611
Microsoft SQL Server	1,511
Redis	1,411
SQLite	1,311
Firebase	1,211

### Platforms by Popularity

Platform	Popularity
AWS	High
Linux	High
Windows	High
Docker	High
Google Cloud Platform	High
Microsoft Azure	High
Kubernetes	High
Android	Medium
Heroku	Medium
Slack	Medium
MacOS	Medium
WordPress	Medium

### Top 10 Web Frames

Framework	Count
jQuery	4,629
Angular/Angular.js	4,011
React.js	3,011
Express	2,011
ASP.NET	1,011
Flask	1,011
Vue.js	1,011
Django	1,011
Spring	1,011
Laravel	1,011



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### Top 10 Databases

DatabaseWorkedWith	Count
MySQL	4,629
PostgreSQL	4,011
SQLite	3,232
MongoDB	2,913
Redis	2,456
Elasticsearch	2,106
Oracle	1,946
MariaDB	1,830
Firebase	1,710

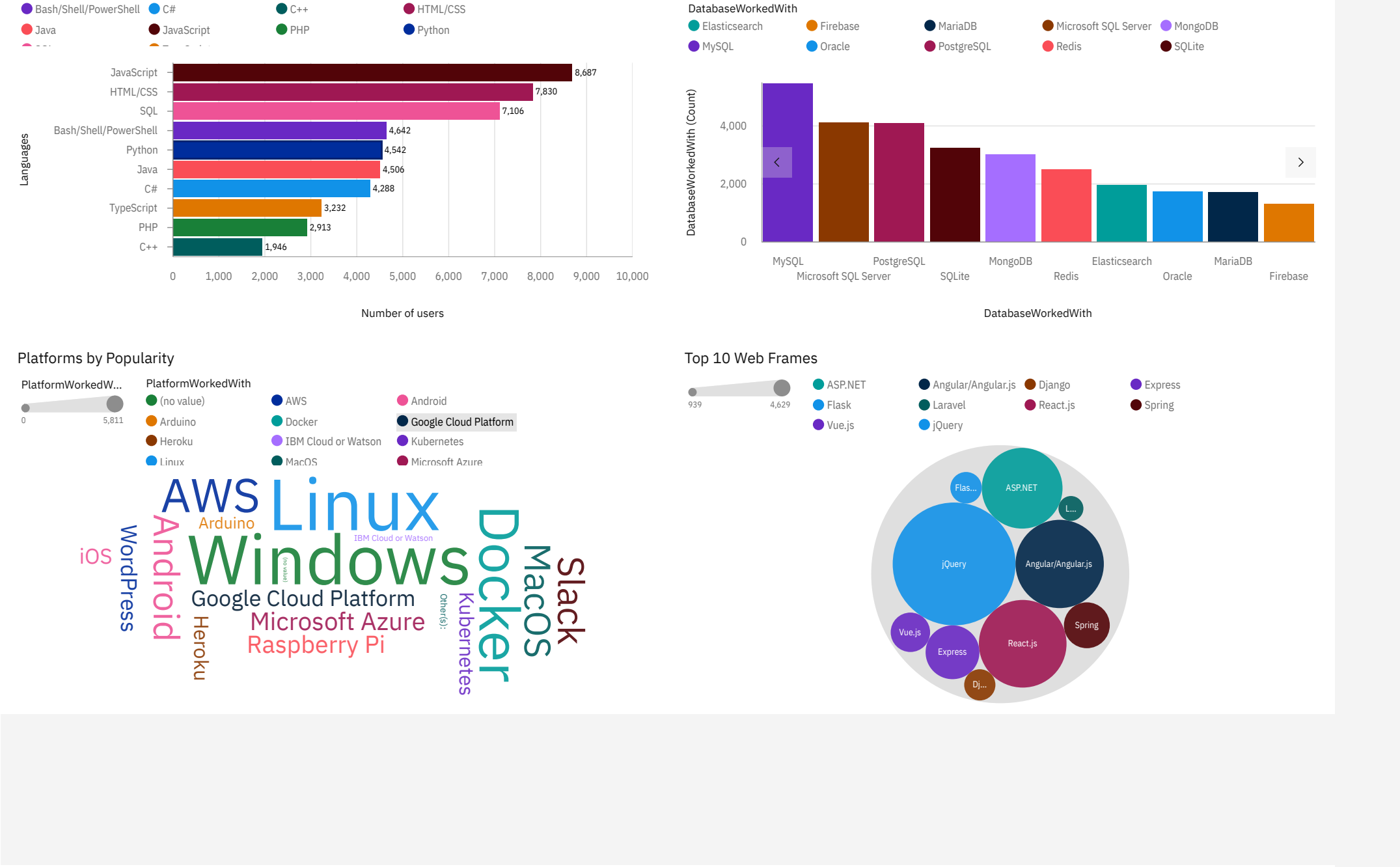
### Platforms by Popularity

PlatformWorkedWith

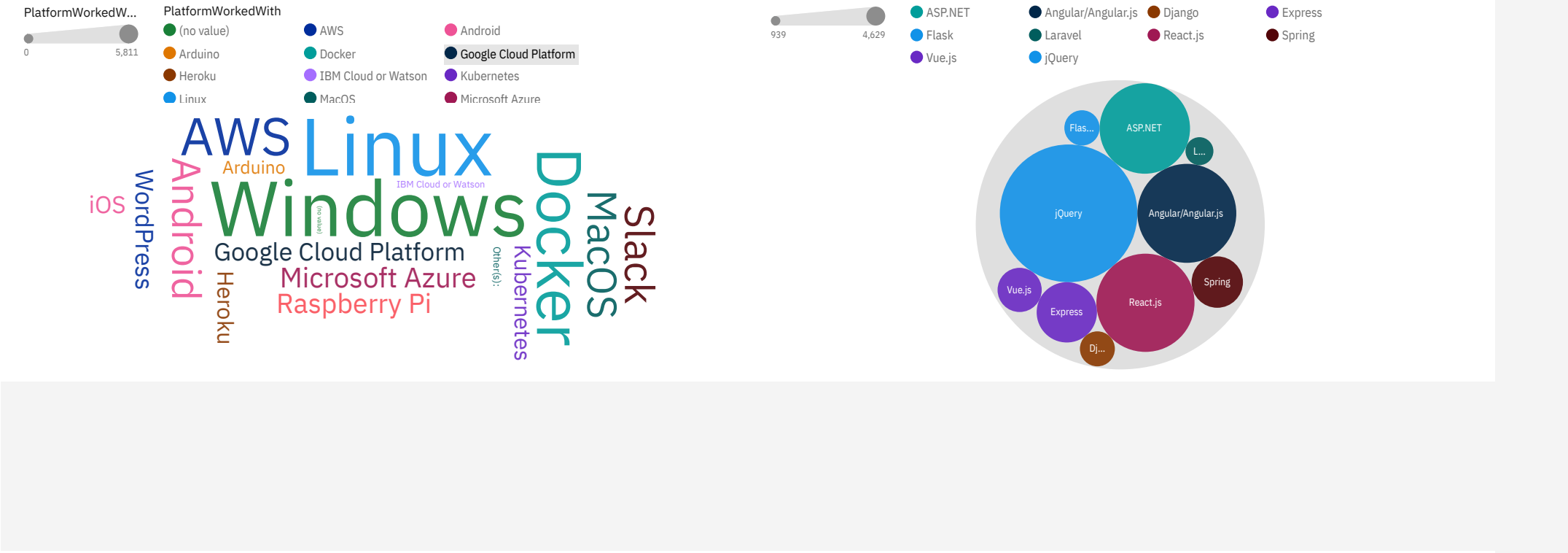
- (no value)
- AWS
- Docker
- Google Cloud Platform
- IBM Cloud or Watson
- Kubernetes
- MacOS
- Microsoft Azure
- Android
- Heroku
- Linux
- Slack
- Windows
- WordPress
- Arduino
- IBM Cloud or Watson
- Others(s):

### Top 10 Web Frames

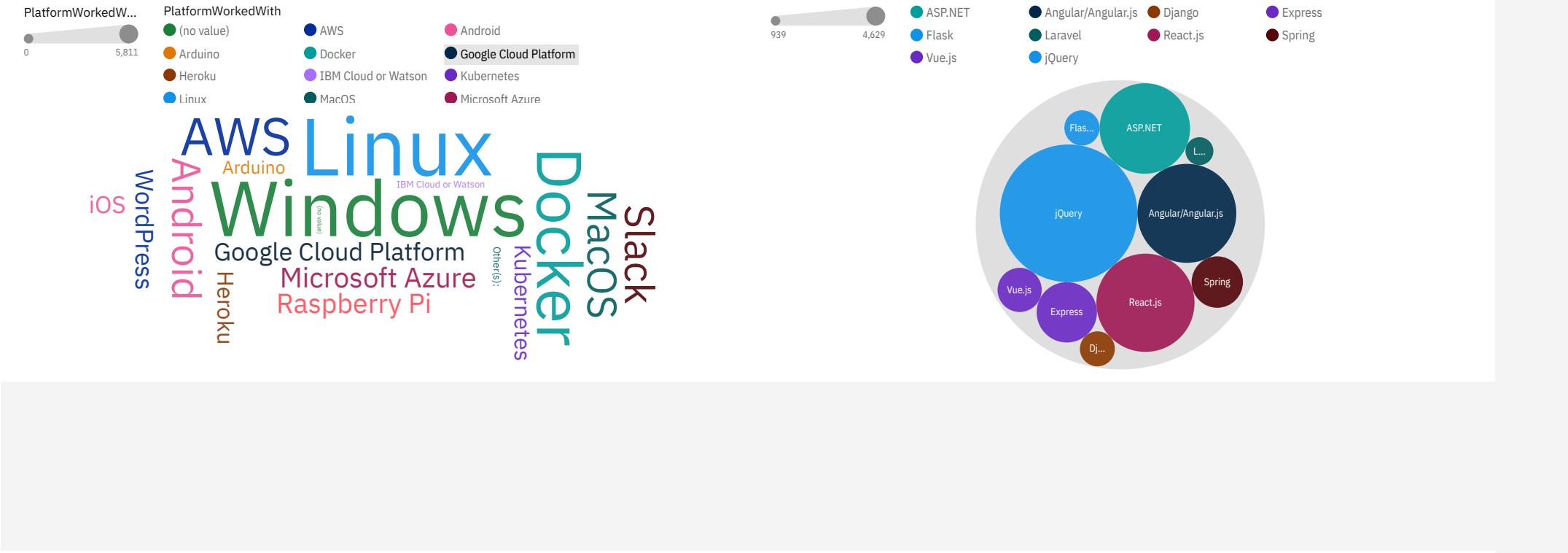
Web Frame	Count
jQuery	4,629
Angular/Angular.js	4,011
React.js	3,232
ASP.NET	2,913
Vue.js	2,456
Express	2,106
Django	1,946
Spring	1,830
Flask	1,710



The figure consists of two charts. The left chart, 'Platforms by Popularity', is a word cloud where the size of each word represents its popularity. The most prominent words are 'Linux', 'Windows', 'AWS', 'Docker', 'Android', 'Google Cloud Platform', 'MacOS', 'Slack', 'Kubernetes', 'Heroku', 'Raspberry Pi', 'Microsoft Azure', 'WordPress', 'iOS', 'Arduino', and 'IBM Cloud or Watson'. A legend at the top left shows a size scale from 0 to 5,811. The right chart, 'Top 10 Web Frames', is a bubble chart where the size of each bubble represents the number of web frames. The bubbles are labeled with the names of the web frames: jQuery, Angular/Angular.js, React.js, ASP.NET, Flask, Vue.js, Express, Django, Laravel, and Spring. A legend at the top right shows a size scale from 939 to 4,629. A color-coded legend at the top right identifies the web frames by color: ASP.NET (teal), Angular/Angular.js (dark blue), Django (brown), Express (purple), Flask (light blue), Laravel (dark green), React.js (pink), Spring (dark red), jQuery (blue), and Vue.js (violet).

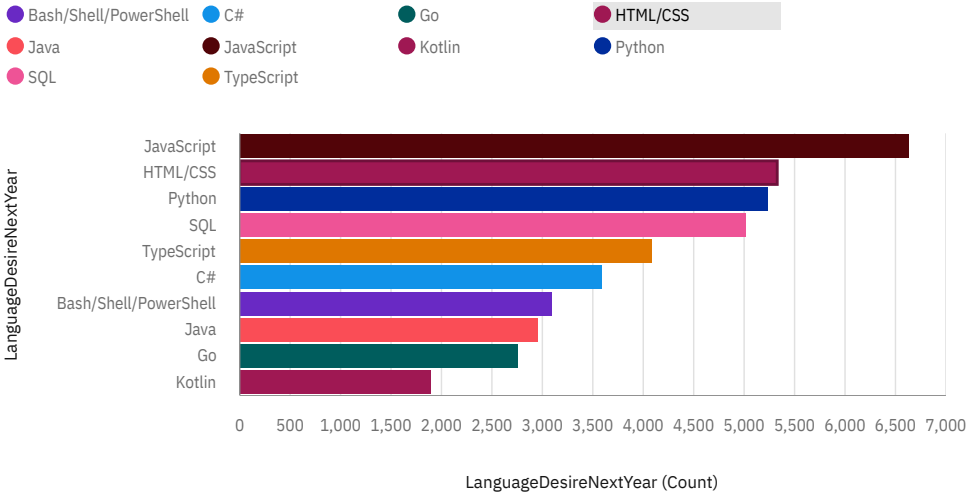


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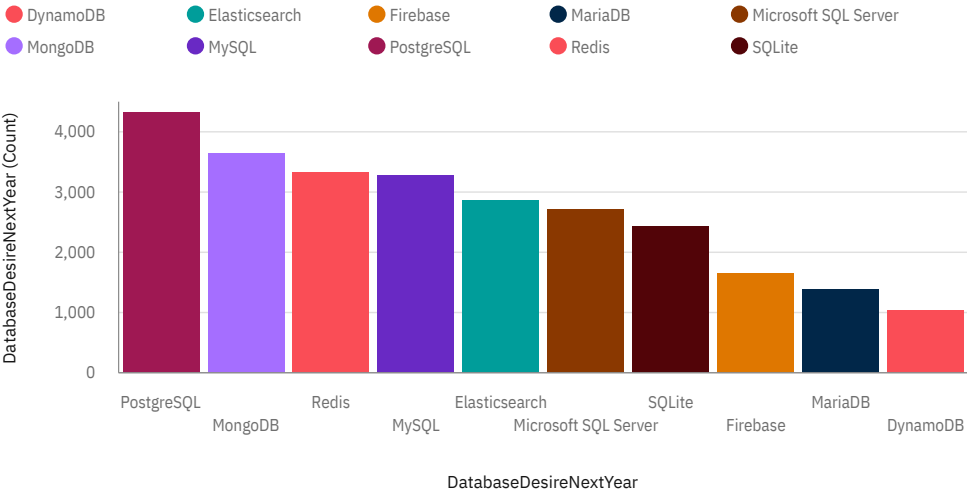


# Future Technology Trend

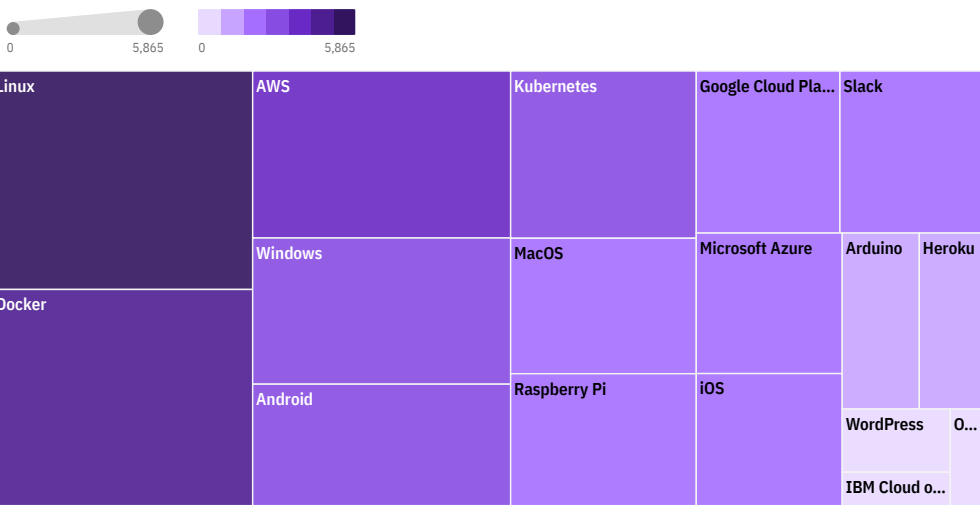
Top 10 Languages Desired Next Year



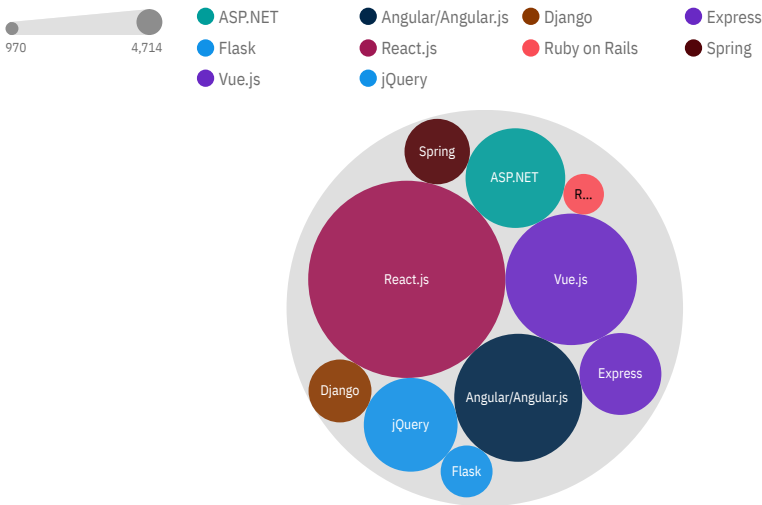
Top 10 Databases Desired Next Year



Platforms Desired Next Year



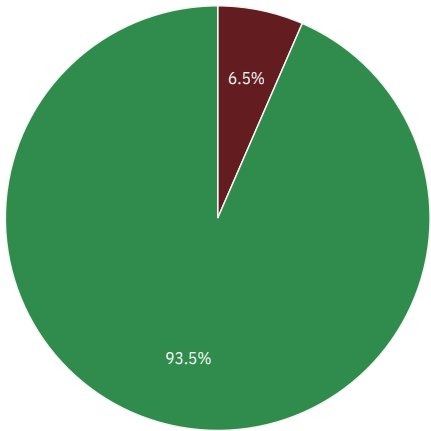
Top 10 Web Frames Desired Next Year



Demographics

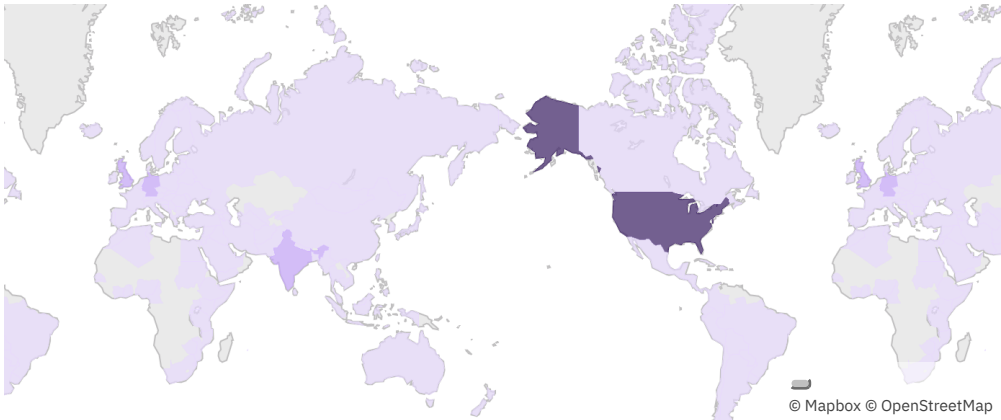
Respondents by Gender

Woman Man

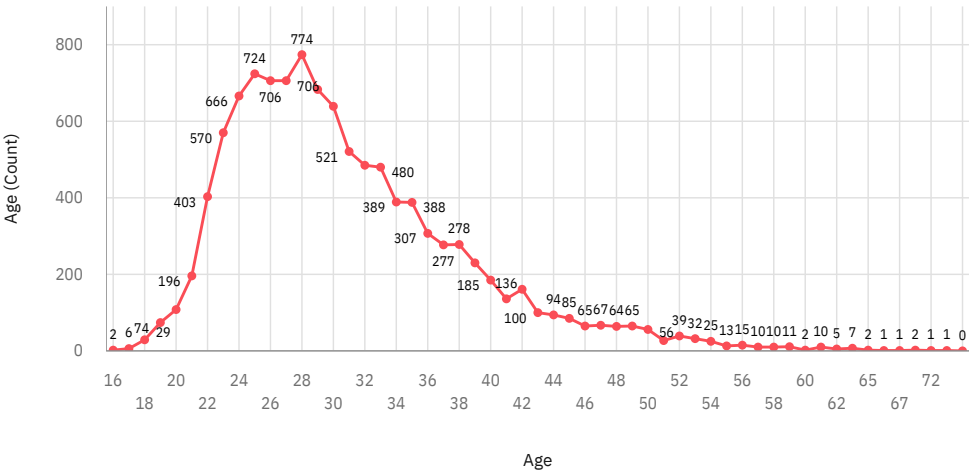


Respondent Count for Countries

Country (Count)  
1 3,058



Respondent Count by Age



Respondent Count by Gender, classified by Formal Education Level

(no value) 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...

