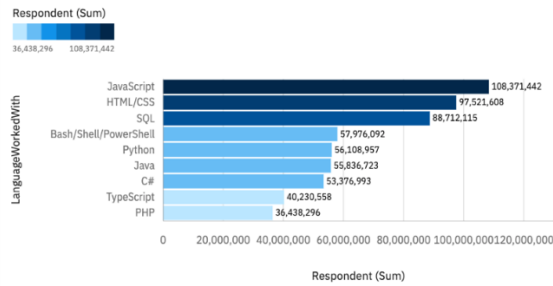# A Dashboard With IBM Cognos Analytics

Current Technology Usage
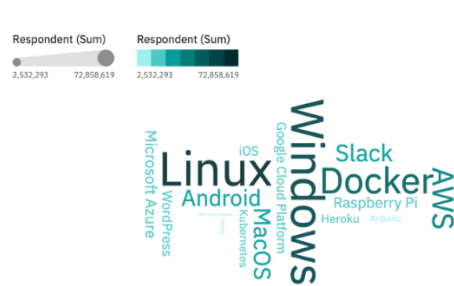
Top 10 Languages Respondents Worked With

Respondent (Sum)
36,438,296   108,371,442

LanguageWorkedWith	Respondent (Sum)
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

0   20,000,000 40,000,000 60,000,000 80,000,000 100,000,000 120,000,000

Respondent (Sum)

Top 10 Databases Respondents Worked With

Respondent (Sum)
21,247,003   68,301,583

DatabaseWorkedWith	Respondent (Sum)
MySQL	68,301,583
PostgreSQL	51,129,157
Microsoft SQL Server	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
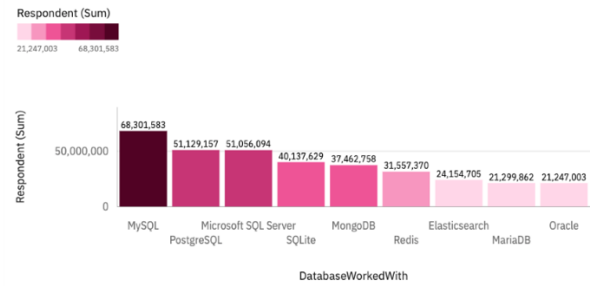
Top 10 Platforms Respondents Worked With

Respondent (Sum)
2,532,293   72,858,619

Respondent (Sum)
2,532,293   72,858,619

Top 10 WebFrames Respondents Worked With

Respondent (Sum)
14,630,375   57,310,840
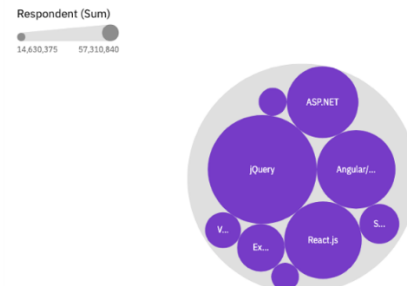
Demographics

Respondents by Gender

Gender (Group)
● Man ● Woman ● Group ● (no value)

0.6% 6.4%

92.0%
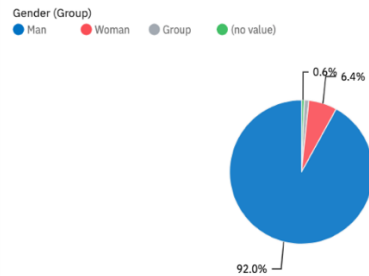
Respondent by Country Regions

Respondent
● 16 ● 17 ● 19 ● 24 ● 49 ● 50 ● 53 ● 57 ● 62 ● 67 ● 68 ● 86 ● 87
● 92 ● 109 ● 111 ● 114 ● 117 ● 118 ● 119 ● 140 ● 144 ● 163 ● 174 ● 176 ● 188
● 201 ● 211 ● 213 ● 217 ● 219 ● 224 ● 241 ● 246 ● 254 ● 259 ● 268 ● 279 ● 304
● 305 ● 310 ● 326 ● 330 ● 332 ● 373 ● 374 ● 383 ● 388 ● 400 ● 401 ● 402 ● 410

© Mapbox © OpenStreetMap
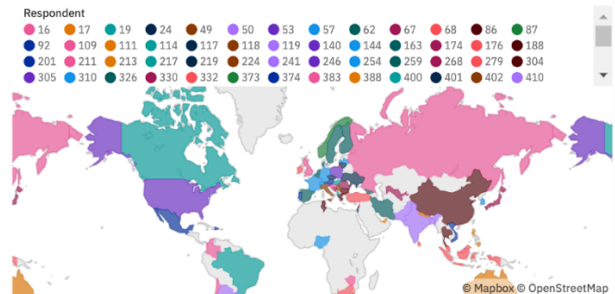
Respondent by Age
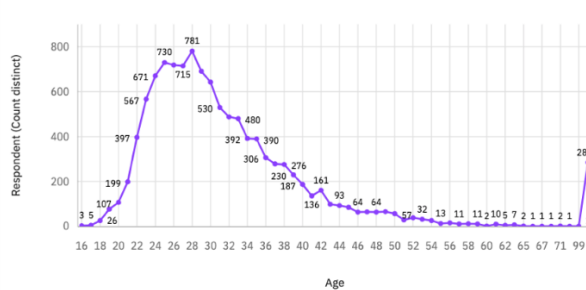
Respondents by Gender Stacked with Education Level

EdLevel
● 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...
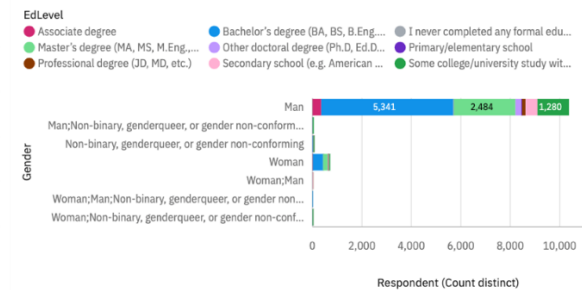
Future Technology Trend

Top 10 Language Desired Next Year

Respondent (Sum)
34,588,729 — 82,435,603

Language	Respondent (Sum)
JavaScript	82,435,603
Python	65,819,056
HTML/CSS	65,736,854
SQL	62,270,210
TypeScript	50,369,647
C#	44,603,822
Bash/Shell/PowerShell	38,409,434
Java	36,736,341
Go	34,588,729

Respondent (Sum)

Top 10 Database Desired Next Year

Respondent (Sum)
17,280,016 — 53,804,386

Database	Respondent (Sum)
PostgreSQL	53,804,386
MongoDB	45,897,489
Redis	41,370,718
MySQL	41,353,217
Elasticsearch	35,314,757
Microsoft SQL Server	33,649,369
SQLite	30,320,901
Firebase	20,585,232
MariaDB	17,280,016

DatabaseDesireNextYear

Top 10 Platform Desired Next Year

Respondent (Sum)
29,492,738 — 73,486,491

Respondent (Sum)
29,492,738 — 73,486,491

Linux
Docker
AWS
Windows
Android
Kubernetes
MacOS
Raspberry Pi
Google Cloud P

Top 10 Web Frame Desired Next Year

Respondent (Sum)
15,445,485 — 58,321,909

Respondent (Sum)
15,445,485 — 58,321,909

React.js
Vue.js
ASP....
Angula...
Ex...
jQu...
D...
S...