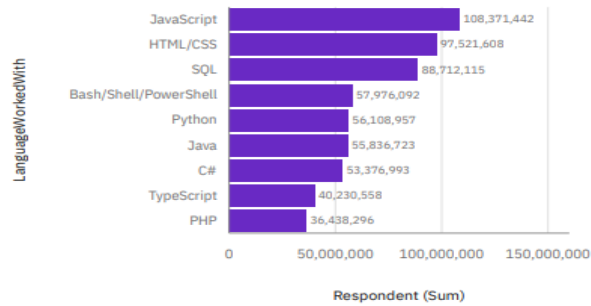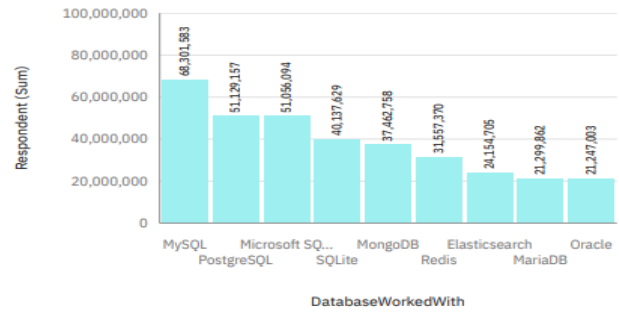# IBM Cognos Analytics Dashboard

Current Technology Usage
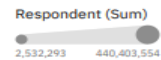
Top 10 Languages Used
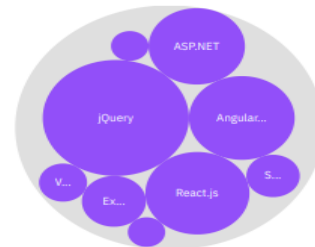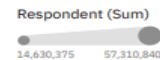
Language	Respondent (Sum)
JavaScript	108,371,442
HTML/CSS	97,521,608
SQL	88,712,115
Bash/Shell/PowerShell	57,976,092
Python	56,108,957
Java	55,836,723
C#	53,376,993
TypeScript	40,230,558
PHP	36,438,296

Top 10 Databases Used

Database	Respondent (Sum)
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

Platforms Worked With

Respondent (Sum)
2,532,293 — 440,403,554

(no value)

Linux, AWS, Docker, Microsoft Azure, Google Cloud Platform, Windows

Top 10 Web Frameworks Used

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

ASP.NET, jQuery, Angular..., React.js, Express, Vue...

Future Technology Trend

Top 10 Languages Desired Next Year

Language	Respondent (Sum)
HTML/CSS	2,317,709
JavaScript	2,221,652
Python	1,271,159
Java	861,989
Go	718,878
Kotlin	693,149
SQL	621,512
Ruby	387,470
TypeScript	381,664
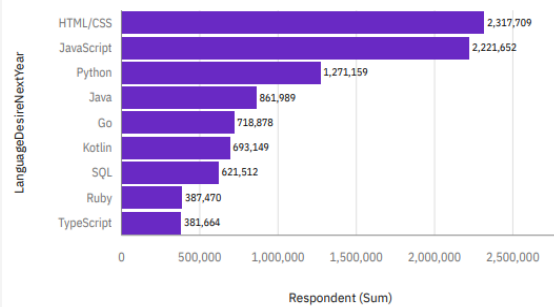
Top 10 Databases Desired Next Year

Database	Respondent (Sum)
PostgreSQL	2,270,129
MongoDB	1,581,672
Redis	1,445,730
MySQL	1,253,290
SQLite	603,734
Firebase	600,796
Microsoft SQL Server	502,246
Elasticsearch	465,239
MariaDB	347,455
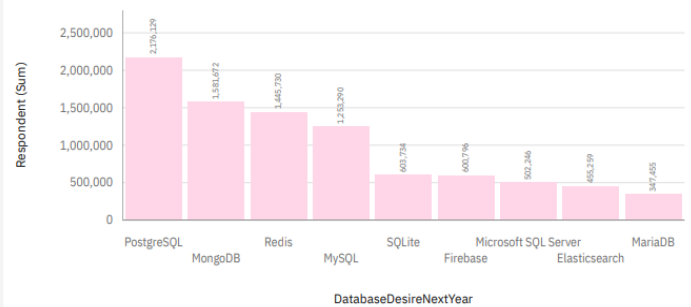
Platforms Desired Next Year

Respondent (Sum)
3,752,980 — 377,308,989

(no value), Linux, Windows, Android, Kubern..., MacOS, Docker, Raspberry Pi, Slack, Ar..., H..., AWS, Google Clo..., Microsoft Azure, iOS, Word...
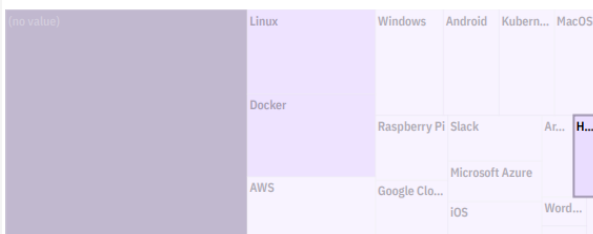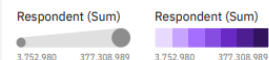
Top 10 Web Frameworks Desired Next Year

Respondent (Sum)
450,235 — 1,961,768

React.js, Vue.js, Expr..., F..., Rub..., S..., jQ...
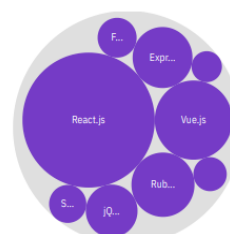
Demographics

Respondent by Gender

Gender
● Woman ● Man

93.5%
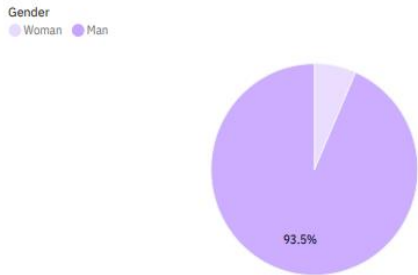
Respondent Count by Country

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

© Mapbox © OpenStreetMap
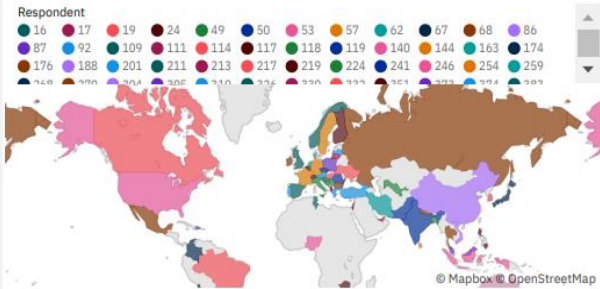
Respondent Count by Age

Respondent (Count distinct)

800 — 774
724
666 706
706 639
570
600 —
521
403 480
400 — 389 388
307
277 278
196 185
200 — 161
108 136 94
65 64
2 6 56 32
29 13 10 11 2 10 5 7 2 1 1 2 1
0 — 1

16   20   24   28   32   36   40   44   48   52   56   60   65   72
   18   22   26   30   34   38   42   46   50   54   58   62   67   (...

Age
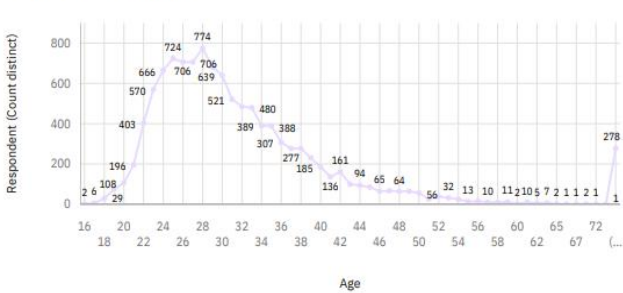
Respondent Count by Gender and Education Level

EdLevel
● (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...

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