Week 5 - Building a dashboard with IBM Cognos Analytics
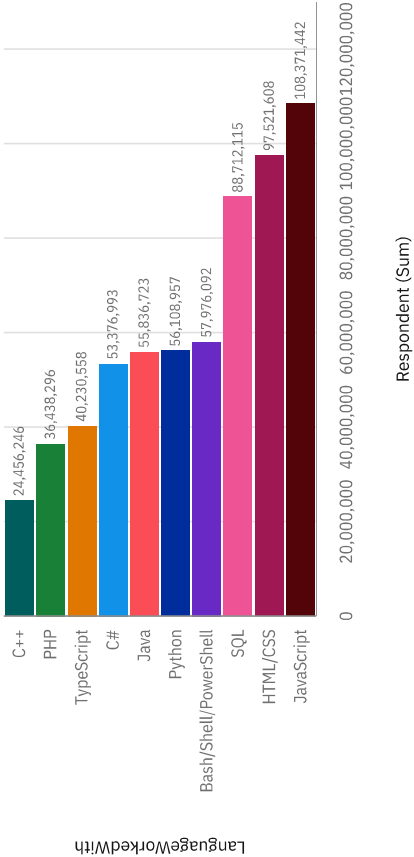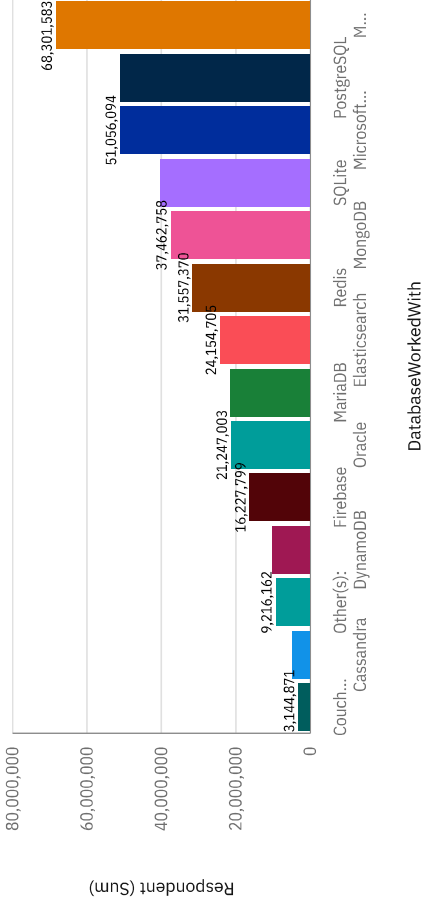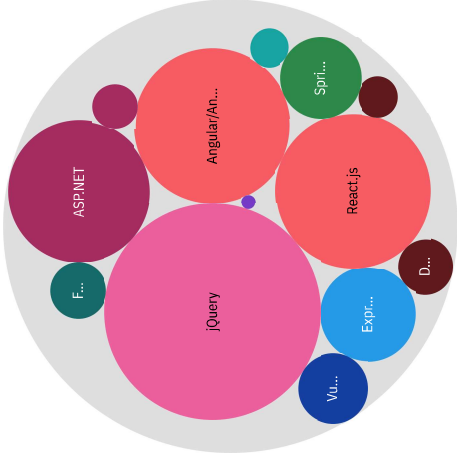
## Current Technology Usage

### 1 Top 10 Languages worked with



### 2 Databases worked with by respondent



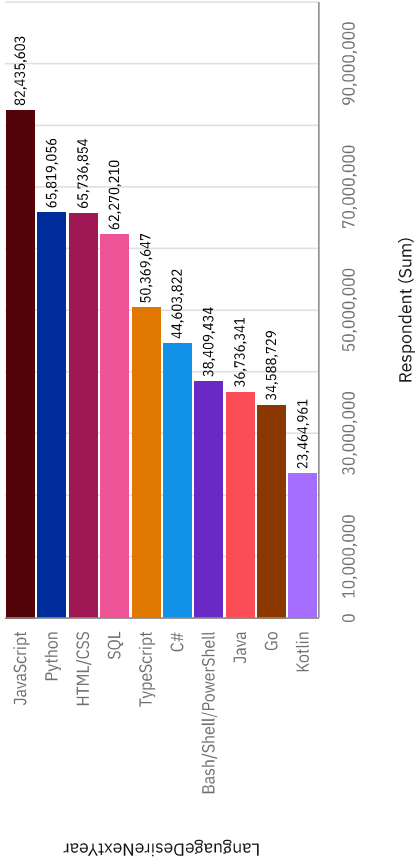### 3 Platforms worked with sized by respondent
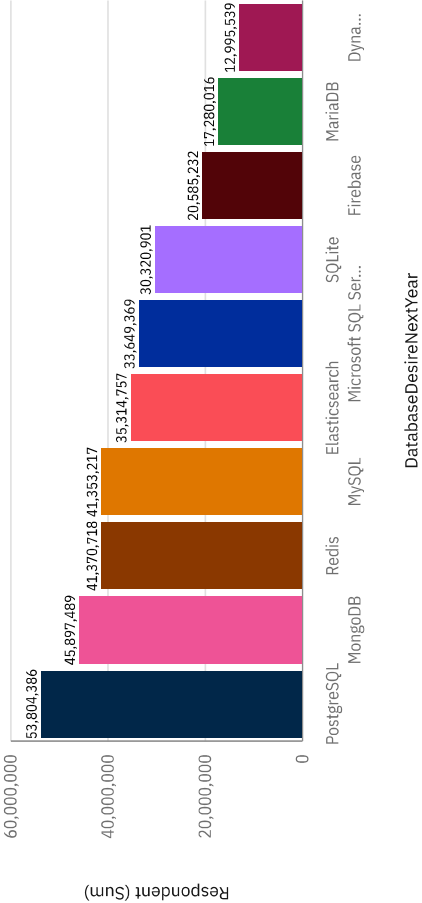


### 4 Web frames worked with by respondent

Week 5 - Building a dashboard with IBM Cognos Analytics

Future Technology Trend

## 5  Top 10 Languages desired next year



LanguageDesireNextYear bar chart:
- 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
- Kotlin: 23,464,961

X-axis: Respondent (Sum)

## 6  Top 10 Databases desired next year



DatabaseDesireNextYear bar chart, Respondent (Sum):
- PostgreSQL: 53,804,386
- MongoDB: 45,897,489
- Redis: 41,370,718
- MySQL: 41,353,217
- Elasticsearch: 35,314,757
- Microsoft SQL Ser...: 33,649,369
- SQLite: 30,320,901
- Firebase: 20,585,232
- MariaDB: 17,280,016
- Dyna...: 12,995,539

## 7  Platforms desired next year by respondant



Treemap labels: Linux, AWS, Docker, Windows, Android, Kubernetes, MacOS, Raspberry Pi, Google Clo..., Slack, iOS, Microsoft Azure, Arduino, Heroku, WordP... I..., Other(s):
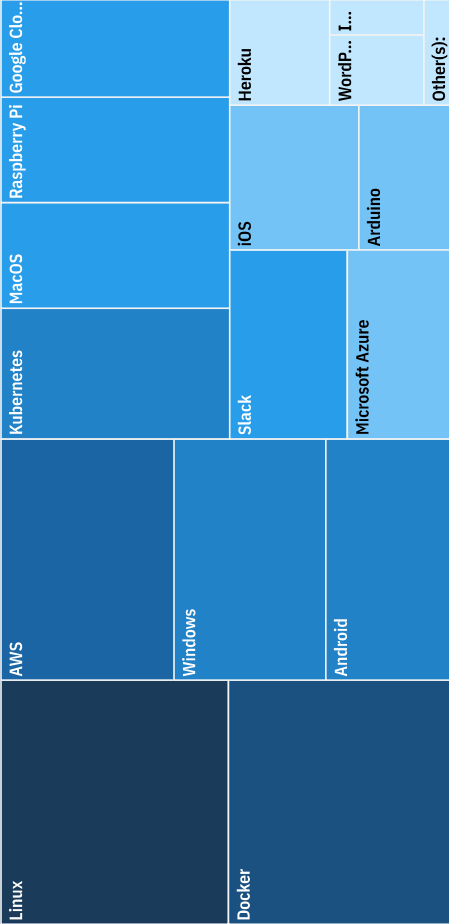
## 8  Top 10 Web Frame desired next year



Bubble chart labels: React.js, Vue.js, Angular/A..., ASP.NET, jQuery, Expr..., Sp..., F..., Dj...
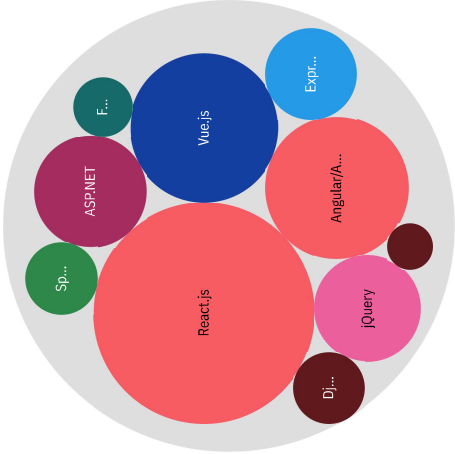
## Demographics

### Respondent by Gender
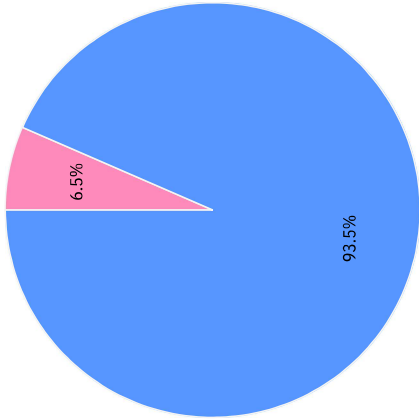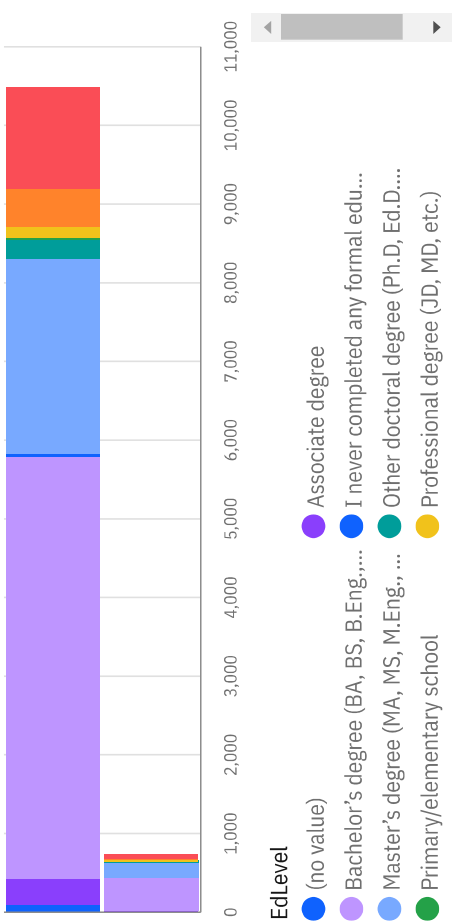


9   Respondents by country



© Mapbox © OpenStreetMap

10   Respondent by Age
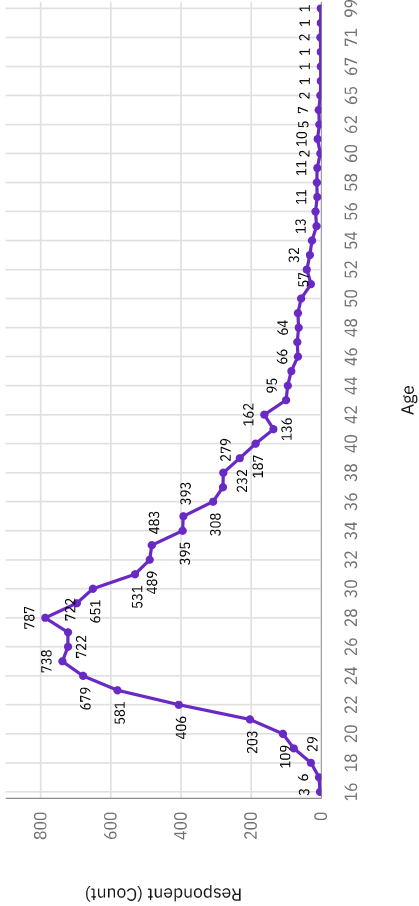


11   Education level by gender

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

**Widget 1**

LanguageWorkedWith Filter condition

Respondent Top 10

**Widget 2**

DatabaseWorkedWith Filter condition

**Widget 3**

PlatformWorkedWith Filter condition

**Widget 4**

WebFrameWorkedWith Filter condition

**Widget 5**

LanguageDesireNextYear Filter condition

Respondent Top 10

**Widget 6**

DatabaseDesireNextYear Filter condition

Respondent Top 10

**Widget 7**

PlatformDesireNextYear Filter condition

**Widget 8**

WebFrameDesireNextYear Filter condition

Respondent Top 10

**Widget 9**

Gender Includes: Man, Woman

**Widget 10**

Age Filter condition

**Widget 11**

Gender Includes: Man, Woman