Top 10 Programming Languages Used (2024 Survey)

LanguageHaveWorkedWith

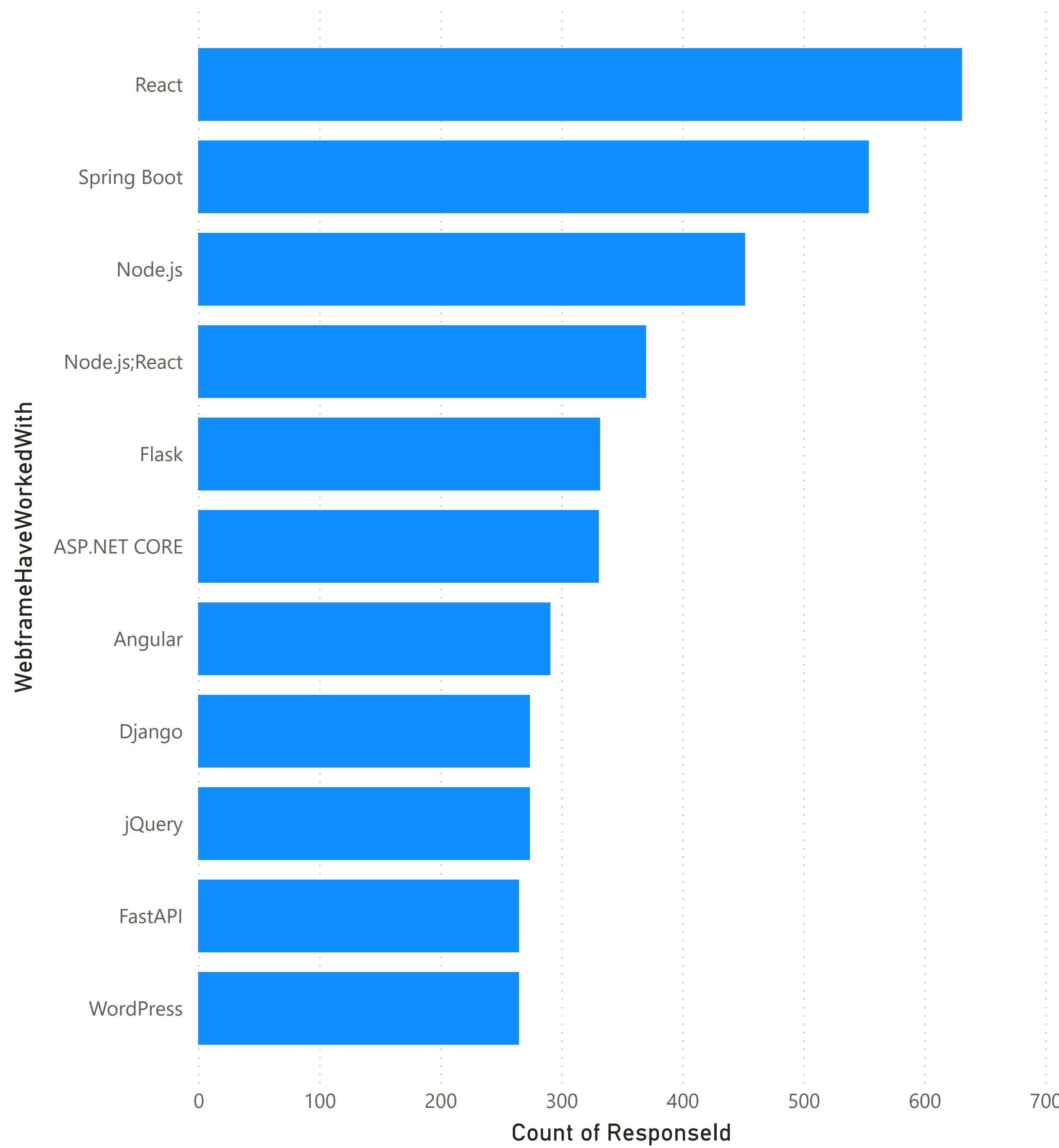|	
HTML/CSS;JavaScript;TypeScript	
Python	
HTML/CSS;JavaScript;PHP;SQL	
C#;HTML/CSS;JavaScript;SQL;TypeScript	
C#	
Python;SQL	
HTML/CSS;JavaScript	
JavaScript;TypeScript	
Java	
C#;HTML/CSS;JavaScript;SQL	

Count of ResponseId — 0, 100, 200, 300, 400, 500, 600
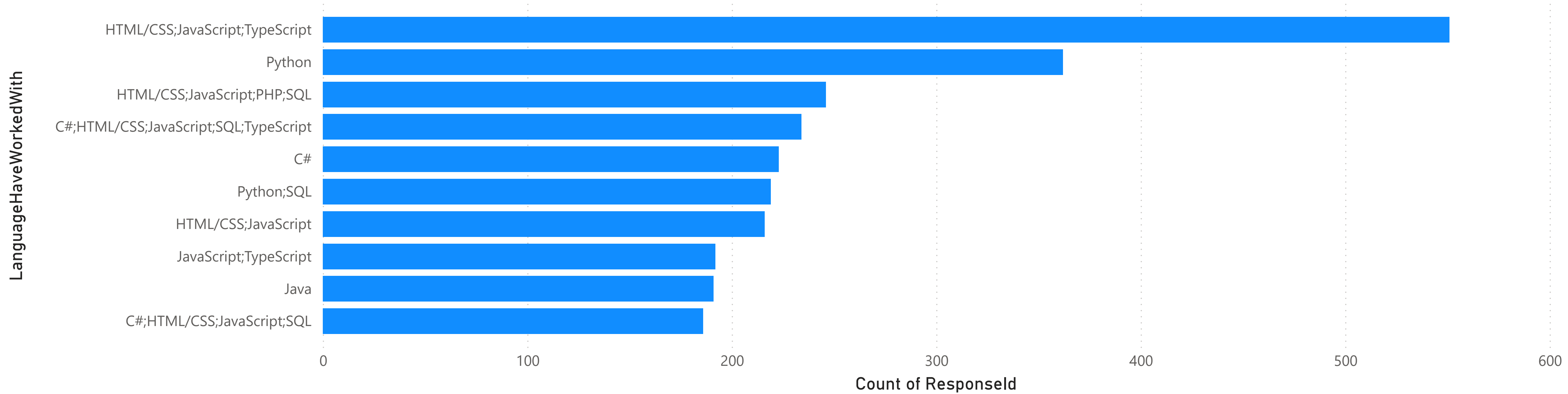
Top 10 Databases Used (2024 Survey)

DatabaseHaveWorkedWith

PostgreSQL	
Microsoft SQL Server	
MySQL	
SQLite	
PostgreSQL;SQLite	
MongoDB	
MySQL;PostgreSQL	
MySQL;SQLite	
PostgreSQL;Redis	
MariaDB;MySQL	

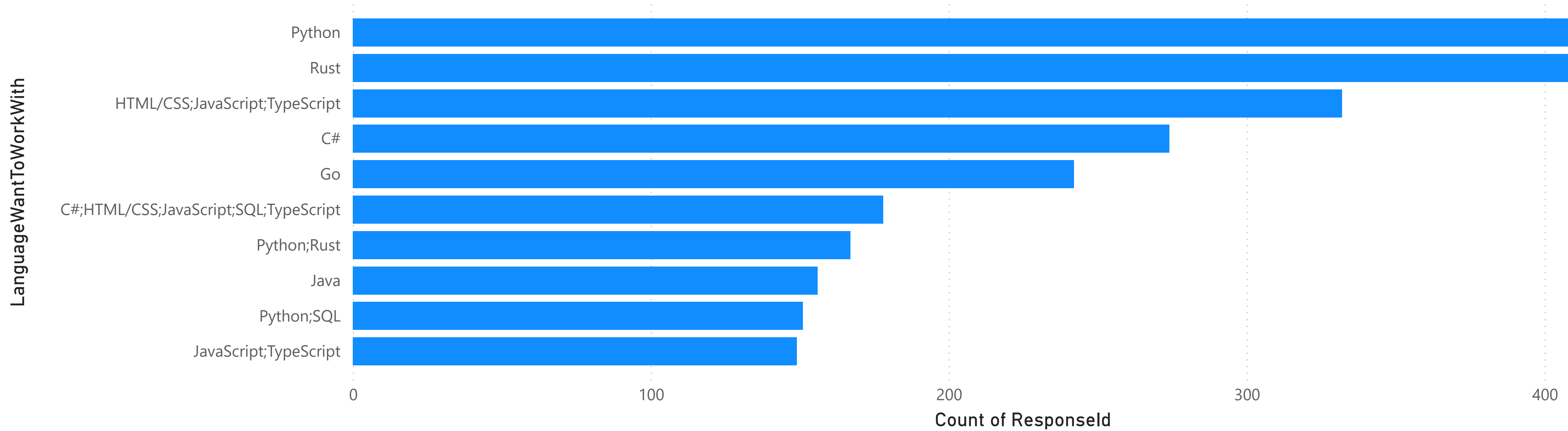Count of ResponseId — 0, 500, 1,000, 1,500
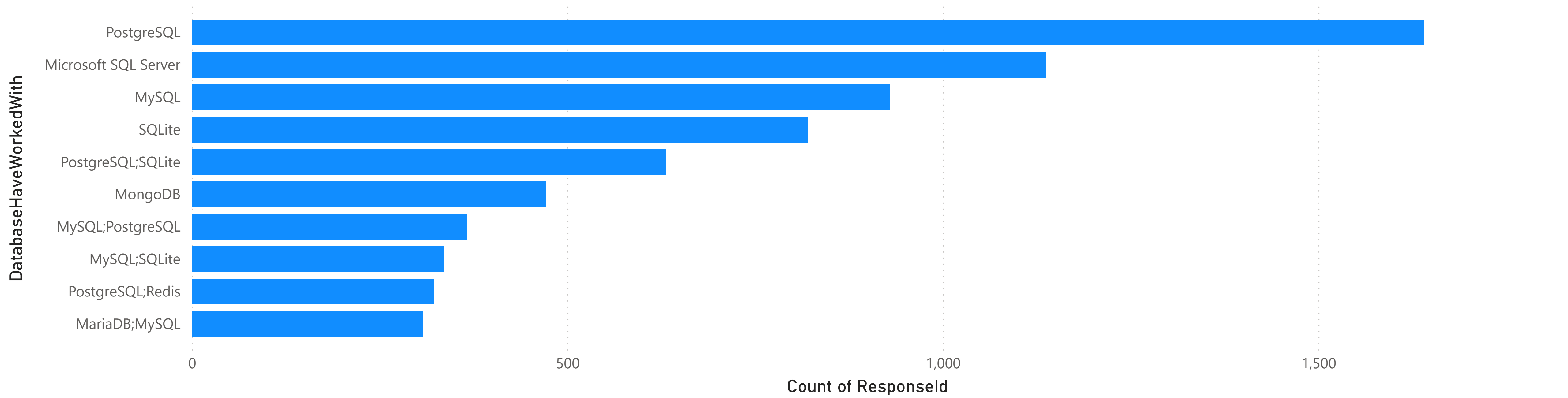
Top 10 Platforms Used (2024 Survey)

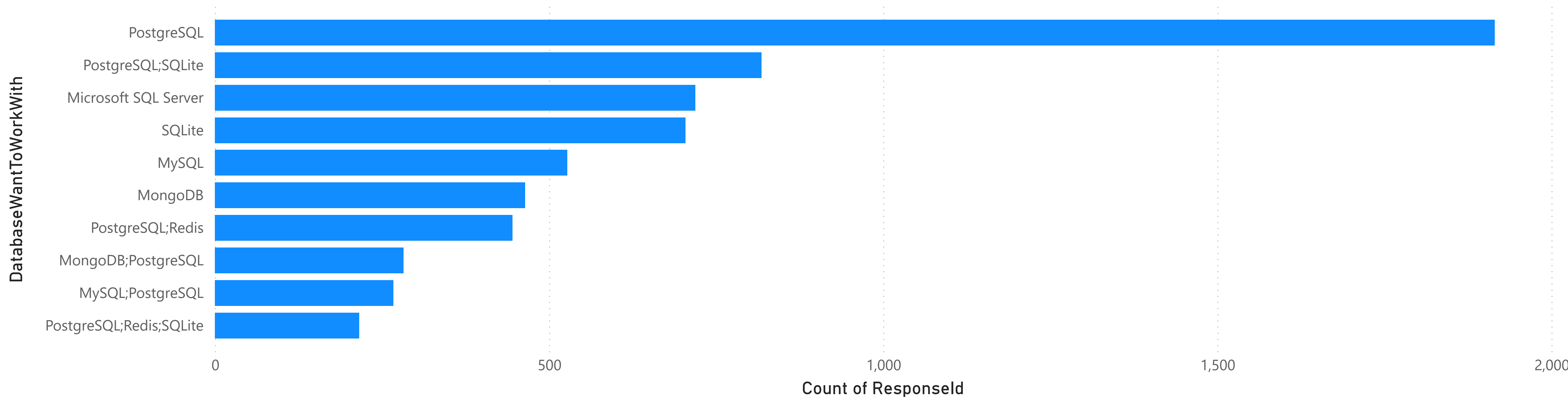## Top 10 Web Frameworks Used (2024 Survey)

Top 10 Programming Languages Desired Next Year (2024 Survey)

Count of ResponseId by LanguageWantToWorkWith (horizontal bar chart):
- Python
- Rust
- HTML/CSS;JavaScript;TypeScript
- C#
- Go
- C#;HTML/CSS;JavaScript;SQL;TypeScript
- Python;Rust
- Java
- Python;SQL
- JavaScript;TypeScript

X-axis: Count of ResponseId (0, 100, 200, 300, 400)

Count of ResponseId by DatabaseWantToWorkWith

Count of ResponseId by DatabaseWantToWorkWith (horizontal bar chart):
- PostgreSQL
- PostgreSQL;SQLite
- Microsoft SQL Server
- SQLite
- MySQL
- MongoDB
- PostgreSQL;Redis
- MongoDB;PostgreSQL
- MySQL;PostgreSQL
- PostgreSQL;Redis;SQLite

X-axis: Count of ResponseId (0, 500, 1,000, 1,500, 2,000)

Top 10 Platforms Desired Next Year (2024 Survey)

Chart: Horizontal bar chart. Y-axis label "PlatformWantToWorkWith", X-axis label "Count of ResponseId".

Platform	Count (approx)
Amazon Web Services (AWS)	~2,450
Microsoft Azure	~1,450
Google Cloud	~730
Amazon Web Services (AWS);Microsoft Azure	~700
Amazon Web Services (AWS);Google Cloud	~570
Amazon Web Services (AWS);Google Cloud;Microsoft Az...	~390
Cloudflare	~320
Firebase	~290
Hetzner	~270
Digital Ocean	~260

Top 10 Web Frameworks Desired Next Year (2024 Survey)

Chart: Horizontal bar chart. Y-axis label "WebframeWantToWorkWith", X-axis label "Count of ResponseId".

Web Framework	Count (approx)
Spring Boot	~465
React	~460
ASP.NET CORE	~350
FastAPI	~295
Node.js	~285
ASP.NET CORE;Blazor	~245
Node.js;React	~240
Svelte	~230
Phoenix	~215
Angular	~210
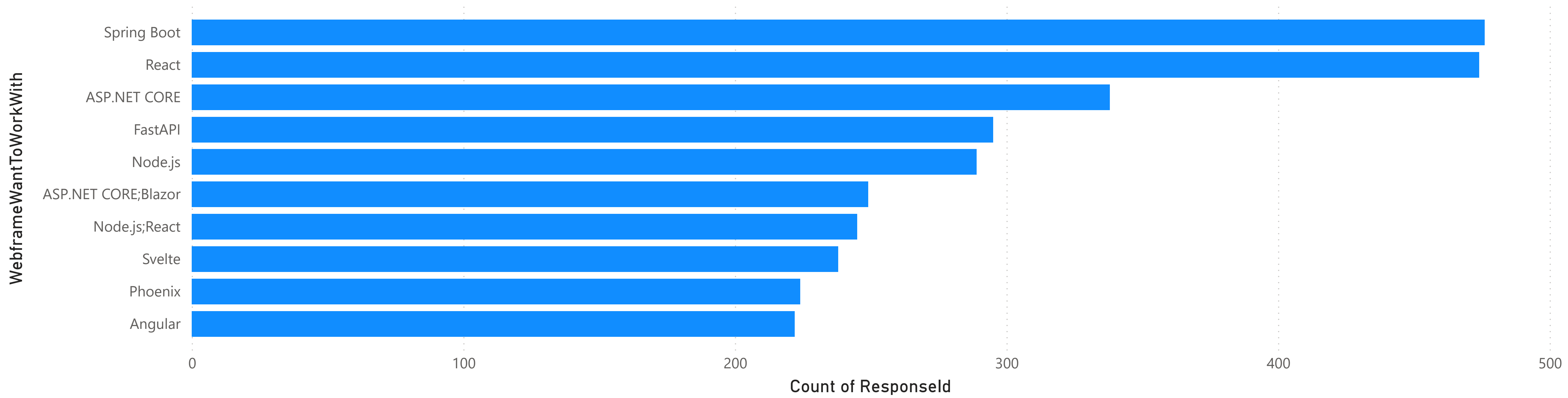
Respondent Count by Country

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Pie Chart for Age Group Distribution

0.38K (1.26%)

1.19K (3.95%)

2.97K (9.91%)

11.21K (37.36%)

6.06K (20.18%)

7.03K (23.42%)

Age

- 25-34 years old
- 35-44 years old
- 18-24 years old
- 45-54 years old
- 55-64 years old
- Under 18 years old
- 65 years or older
- Prefer not to say
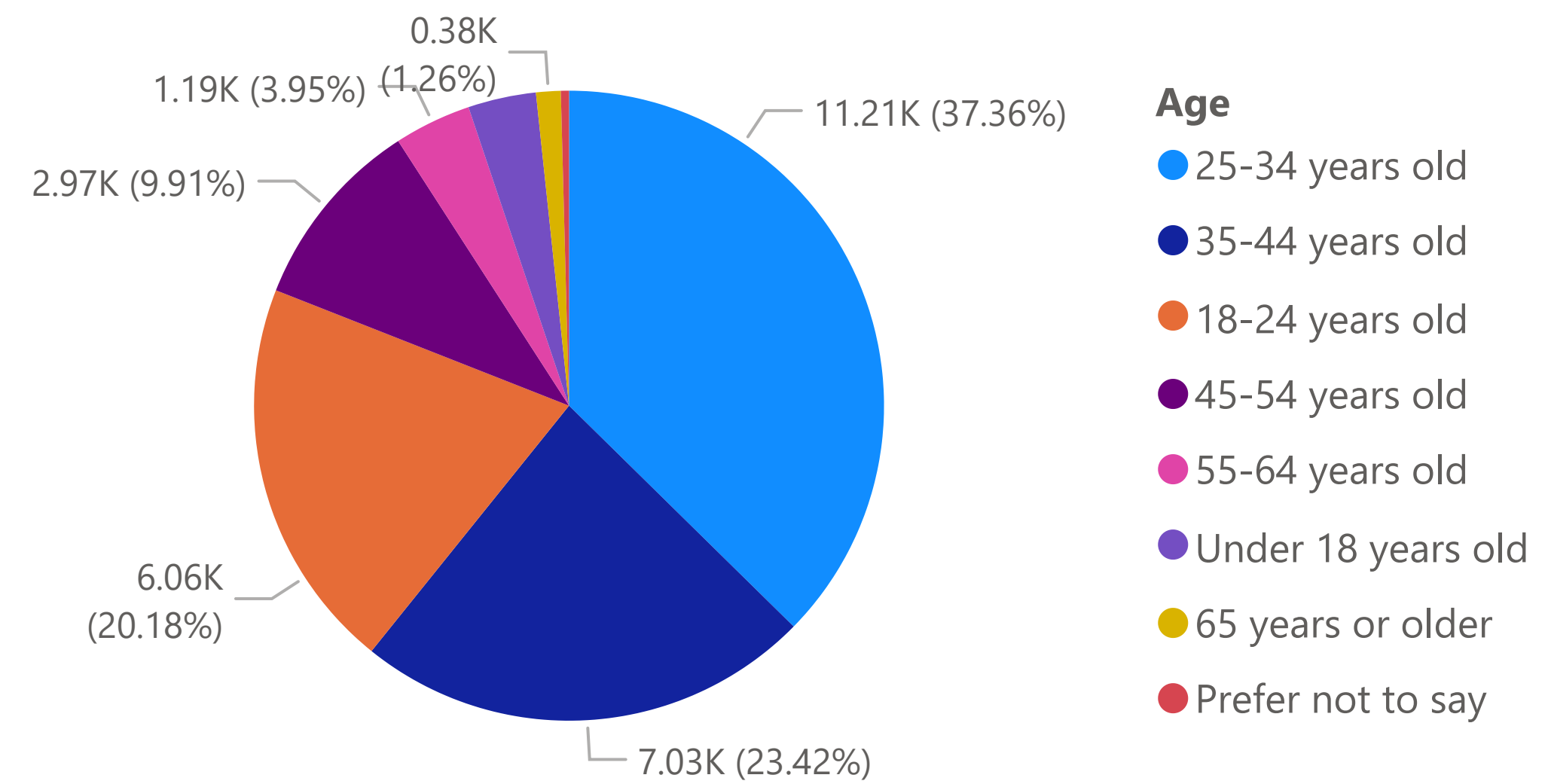
Education Level Distribution of Respondents
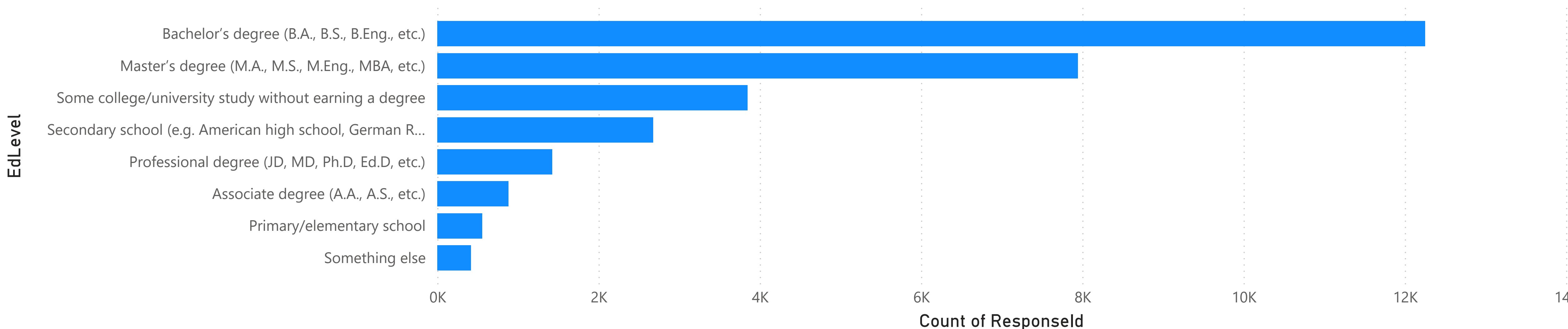
Respondent Count by Age Group and Education Level (Stacked Bar)

EdLevel ● Associate degree (A.A., A.S., ... ● Bachelor's degree (B.A., B.... ● Master's degree (M.A., ... ● Primary/elementary ... ● Professional degre... ● Secondary school (... ● Some college/u... ● Something else