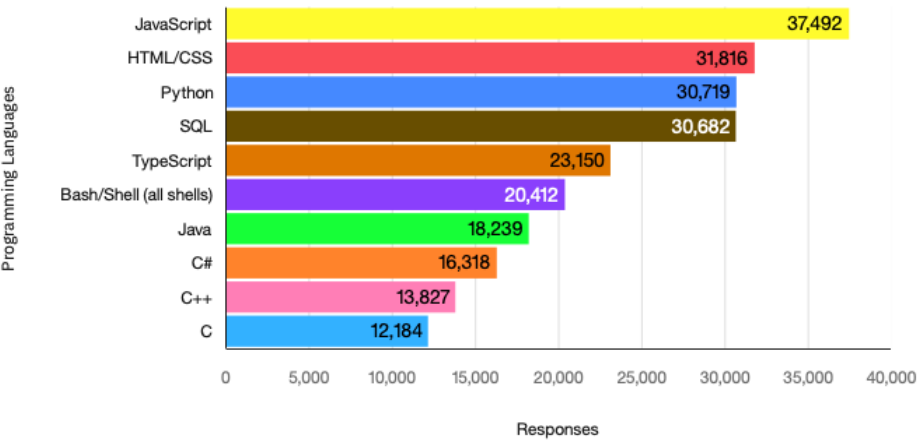# DASHBOARD

The dashboard has 3 tabs:

1. Current Technology Usage

2. Future Technology Trend
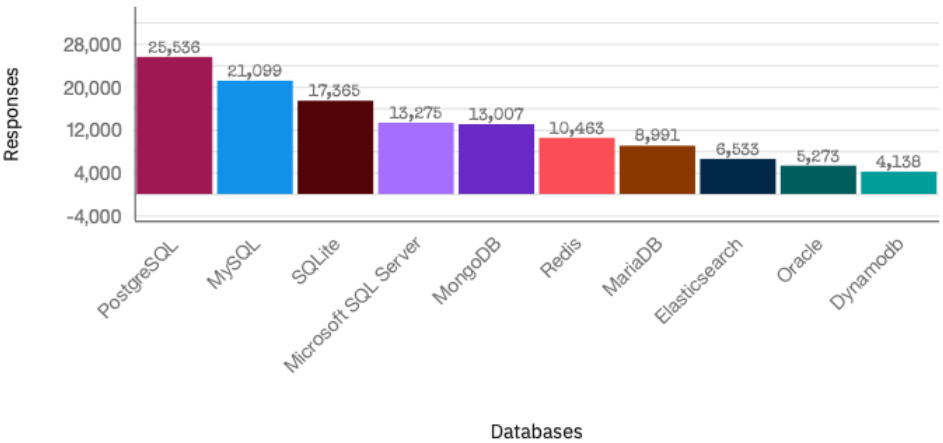
3. Demographic

DASHBOARD TAB 1

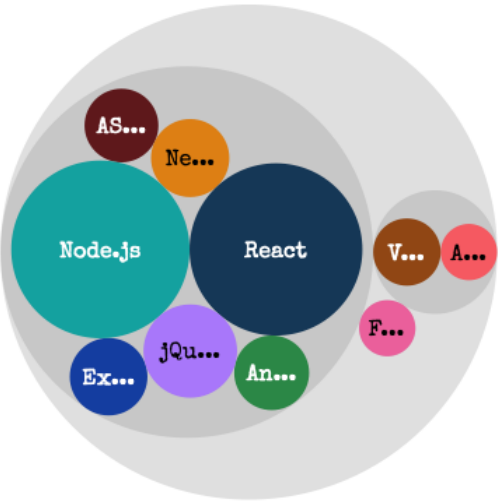Top 10 Programming Languages used by Respondents

Top 10 Databases used by Respondents

Top 10 favourite Platforms from the survey
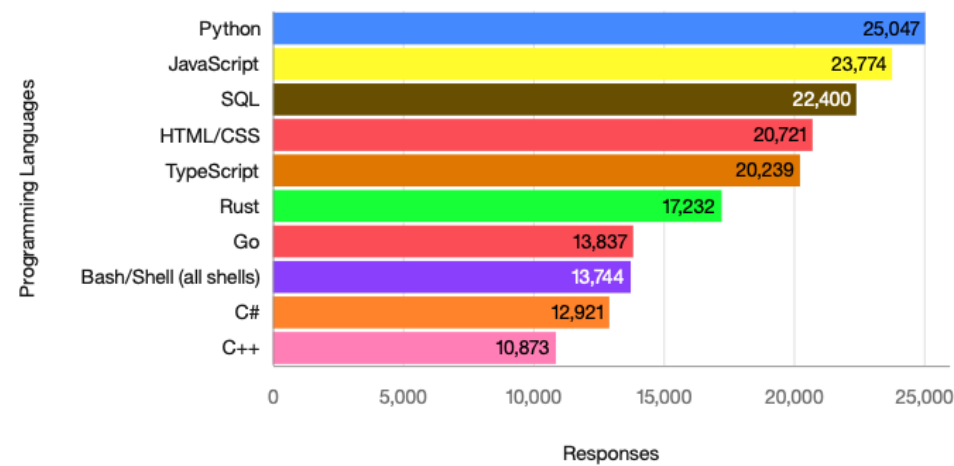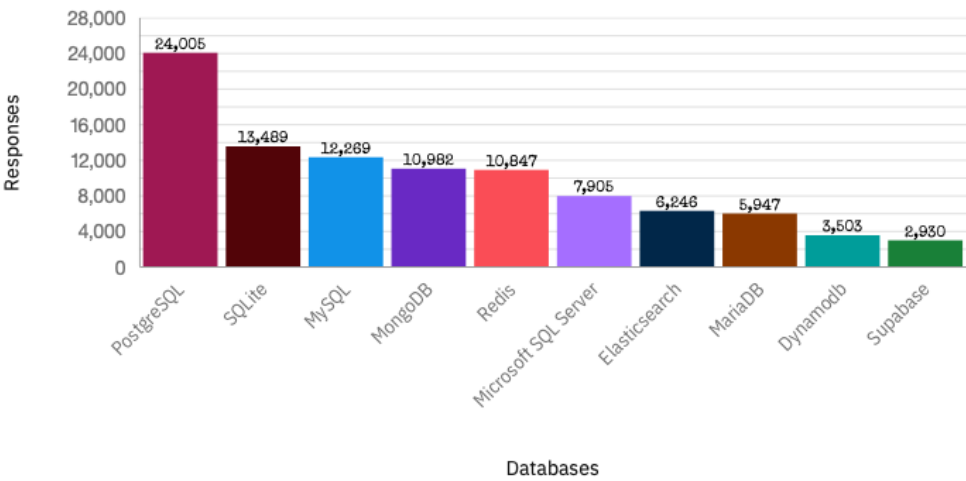

Top 10 Webframes in Trend
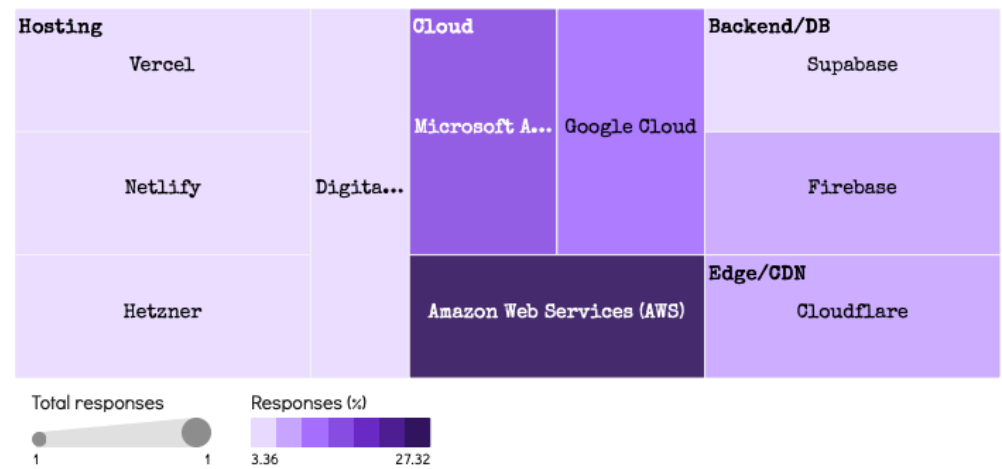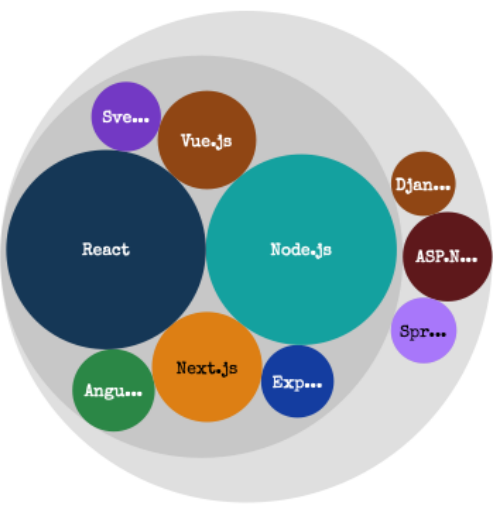
DASHBOARD TAB 2

Top 10 Trendy Programming Languages

Top 10 Trendy Databases

Top 10 Trendy Platforms belonged to Cloud, Hosting, Edge/CDN and Backend/DB

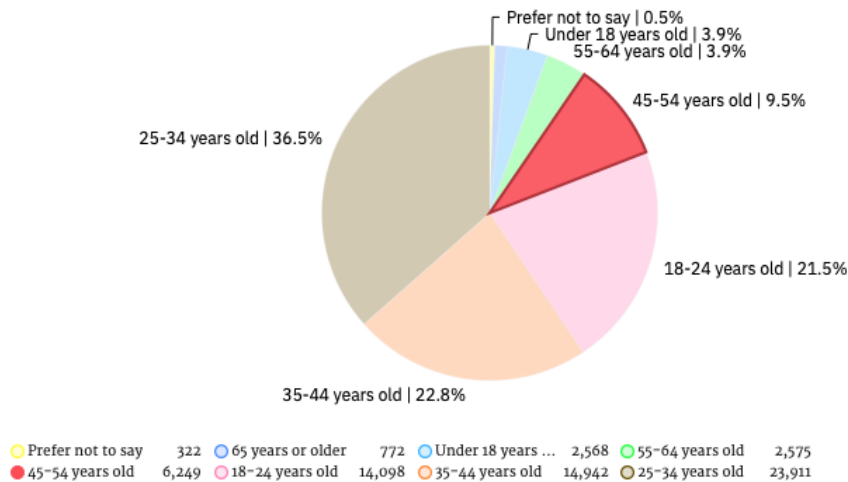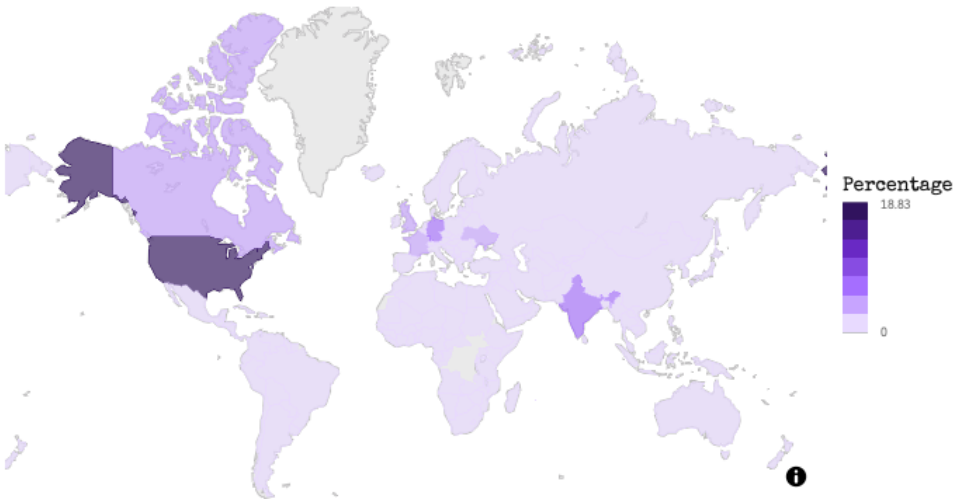Top 10 Trendy Web-frames

Skills Network

#12
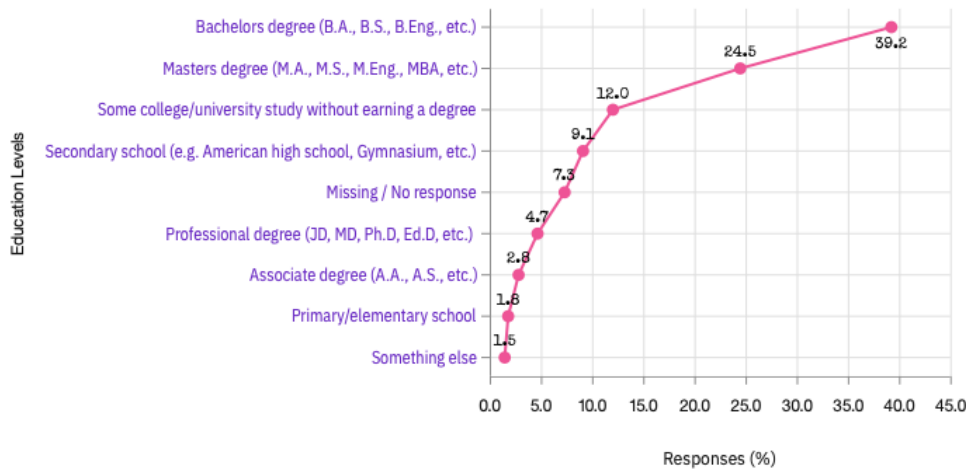
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DASHBOARD TAB 3

Age Group Share of Total Entries (N = 65,437)

- Prefer not to say | 0.5%
- Under 18 years old | 3.9%
- 55-64 years old | 3.9%
- 45-54 years old | 9.5%
- 25-34 years old | 36.5%
- 18-24 years old | 21.5%
- 35-44 years old | 22.8%

○ Prefer not to say	322	○ 65 years or older	772	○ Under 18 years …	2,568
○ 55-64 years old	2,575				
● 45-54 years old	6,249	○ 18-24 years old	14,098	○ 35-44 years old	14,942
○ 25-34 years old	23,911				

Worldwide Distribution of Respondents (%)

Percentage
18.83
0

Respondents across Education Backgrounds (%)

Education Levels:
- Bachelors degree (B.A., B.S., B.Eng., etc.) — 39.2
- Masters degree (M.A., M.S., M.Eng., MBA, etc.) — 24.5
- Some college/university study without earning a degree — 12.0
- Secondary school (e.g. American high school, Gymnasium, etc.) — 9.1
- Missing / No response — 7.3
- Professional degree (JD, MD, Ph.D, Ed.D, etc.) — 4.7
- Associate degree (A.A., A.S., etc.) — 2.8
- Primary/elementary school — 1.8
- Something else — 1.5

Responses (%)

Education Distribution within Each Age Group (%)

Age Groups:
- 18-24 years old: 21.8%, 32%, 47.7%, 31%
- 25-34 years old: 43%, 43.5%, 37.4%, 28.7%
- 35-44 years old: 21.8%, 31.5%, 20.7%
- 45-54 years old: 8.5%, 12.2%
- 55-64 years old
- 65 years or older
- Prefer not to say
- Under 18 years old

Total Responses per Age Group

Education backgrounds
- Associate degree (A.A., A.S., etc.)
- Bachelors degree (B.A., B.S., B.En…
- Masters degree (M.A., M.S., M.En…
- No response
- Primary/elementary school
- Professional degree (JD, MD, Ph.D…
- Secondary school (e.g. American …
- Some college/university study wit…
- Something else

Skills Network   #13

DISCUSSION – *Insights from dashboard*

Programming Languages

- `Python`, `JavaScript`, **and** `SQL` dominate current usage.
- Strong future demand for `Go`, `Rust`, `TypeScript`.

Databases

- **Relational DBs** (`PostgreSQL`, `MySQL`, `SQLite`) remain core.
- `MongoDB`, `Redis`, `Supabase` gaining traction.

Frameworks and Platforms

- `React` `Node.js` lead in web frameworks.
- Cloud platforms (`Amazon Web Services`, `Azure`, `Google Cloud Platforms`) central to enterprise strategies.

AI Tools

- Boost productivity and automation.
- Key challenges: **trust, integration, and skill gaps**.

Demographic and Work Practices

- **Respondent Demographics (N = 65,437)**
- Majority aged **25–34 (36.5%)**, followed by **35–44 (22.8%)** and **18–24 (21.5%)**
- Strong educational background: **39% Bachelor's** and **25% Master's** degrees
- Respondents represent a **global distribution**, ensuring diverse insight

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