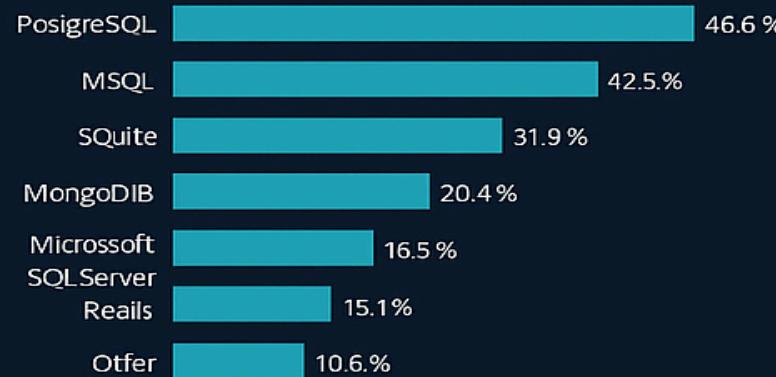


TOP DATABASES



TOP DATABASES



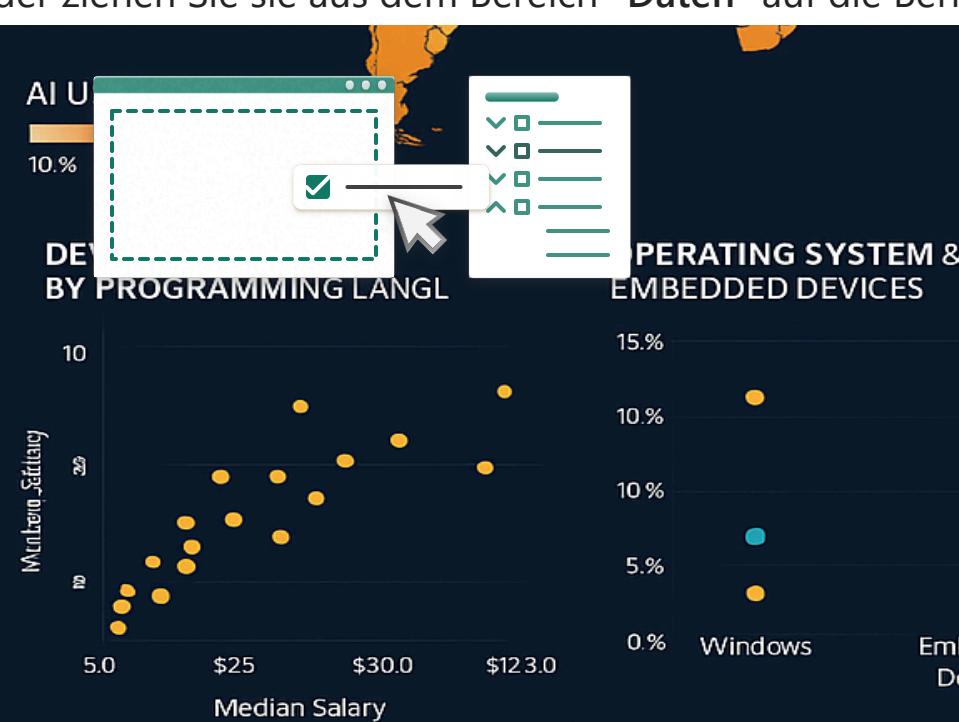
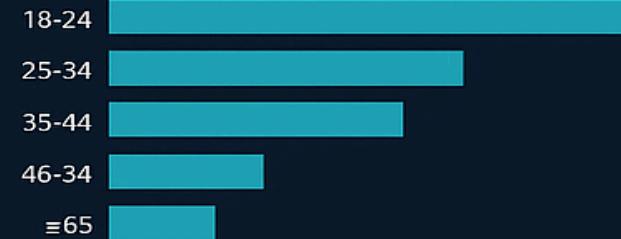
AI USAGE



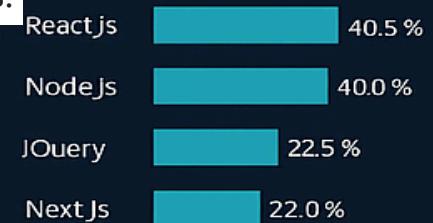
Visuals mit Ihren Daten erstellen

STACK OVERFLOW DEVELOPER TRENDS 2024

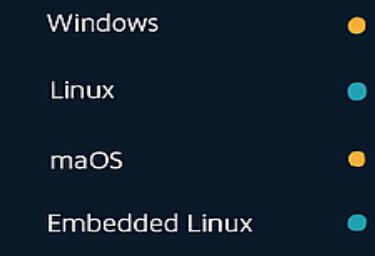
AGE DISTRIBUTION



TOP WEB FRAMEWORKS



OPERATING SYSTEM & EMBEDDED DEVICES



57,68 Tsd.

Respondents

11,54

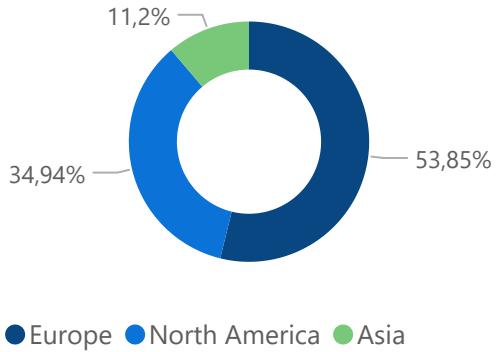
Average years workexperience

\$86.574,71

Average yearly compensation

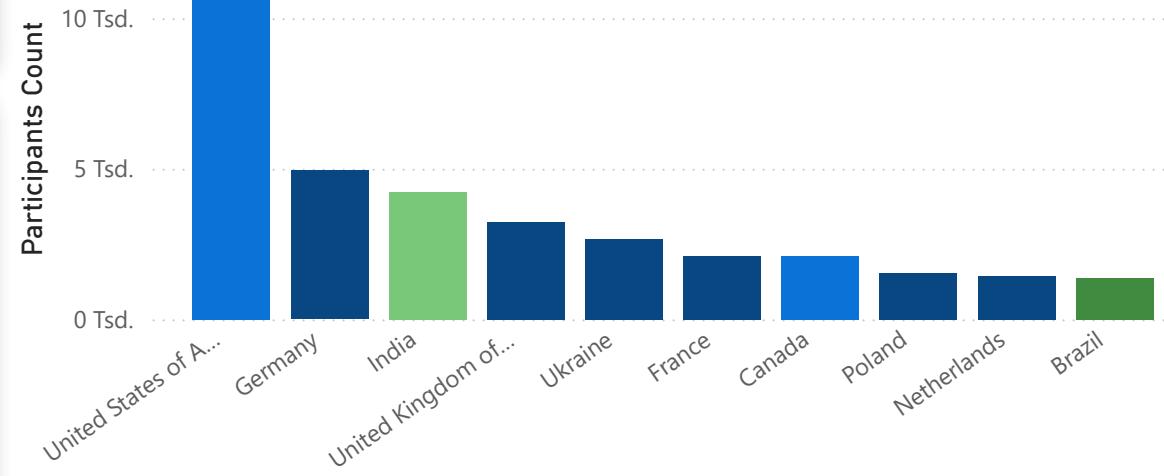
Software Development

Most popular industry

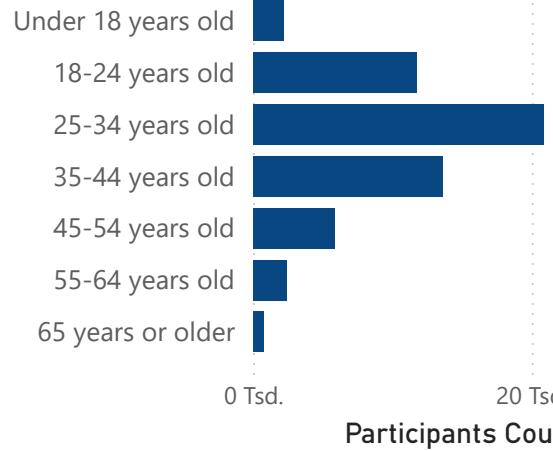


● Asia ● Europe ● North America ● South America

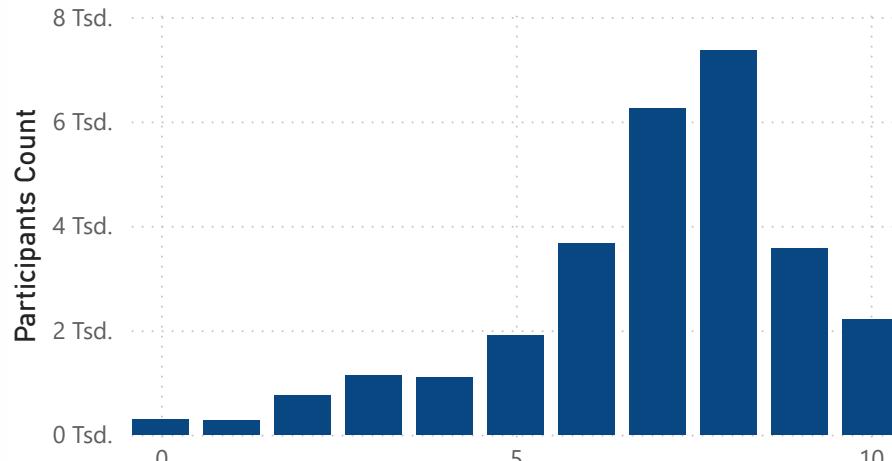
Participants Count



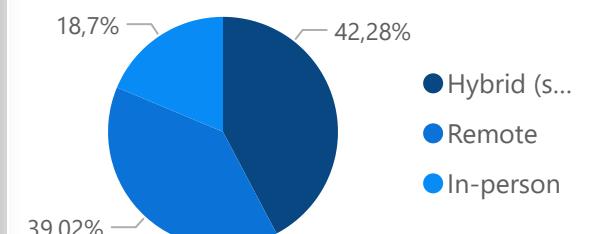
Age distribution



Jobsatisfaction from 1 (low) to 10 (high)



Work situation



Continent

All

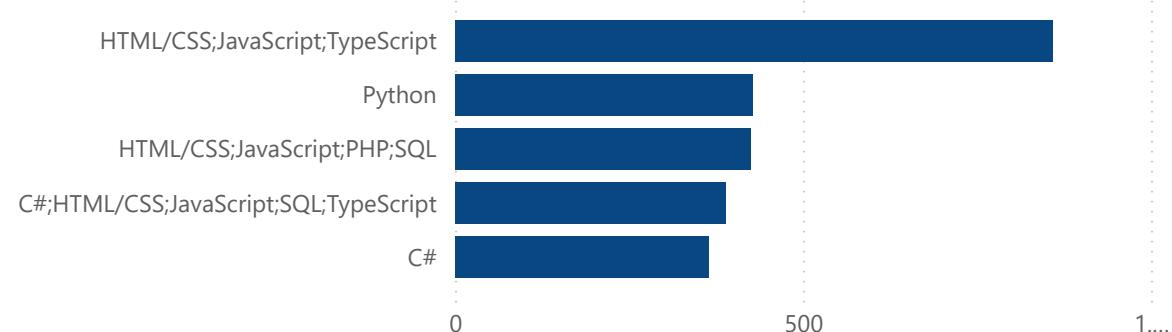
Country

All

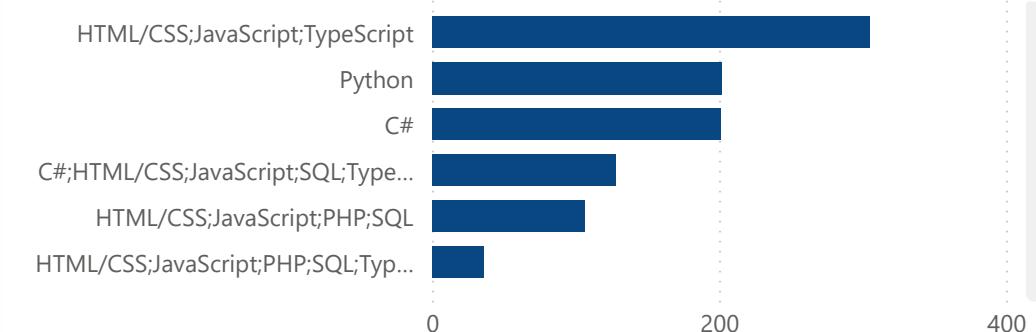
57682

Respondents

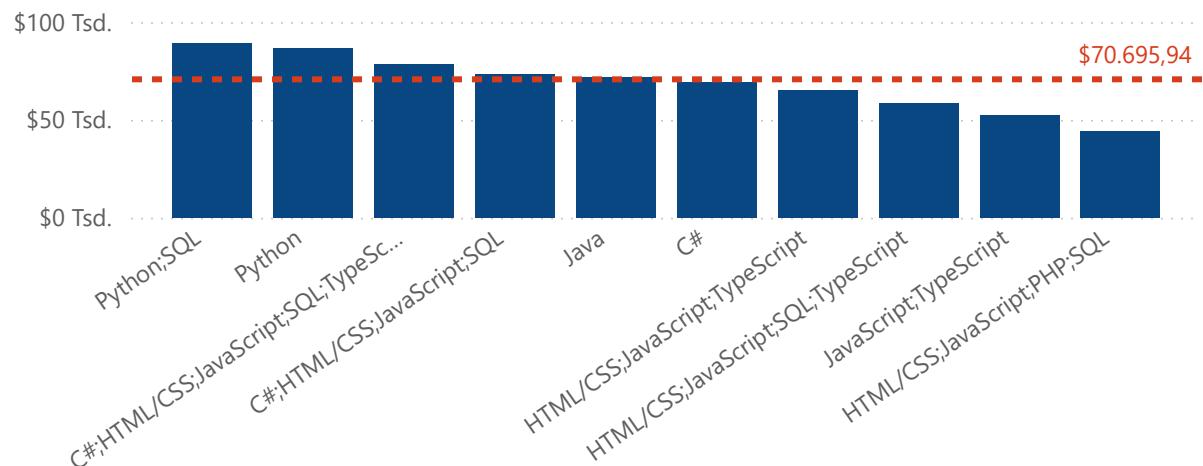
Languages have worked with



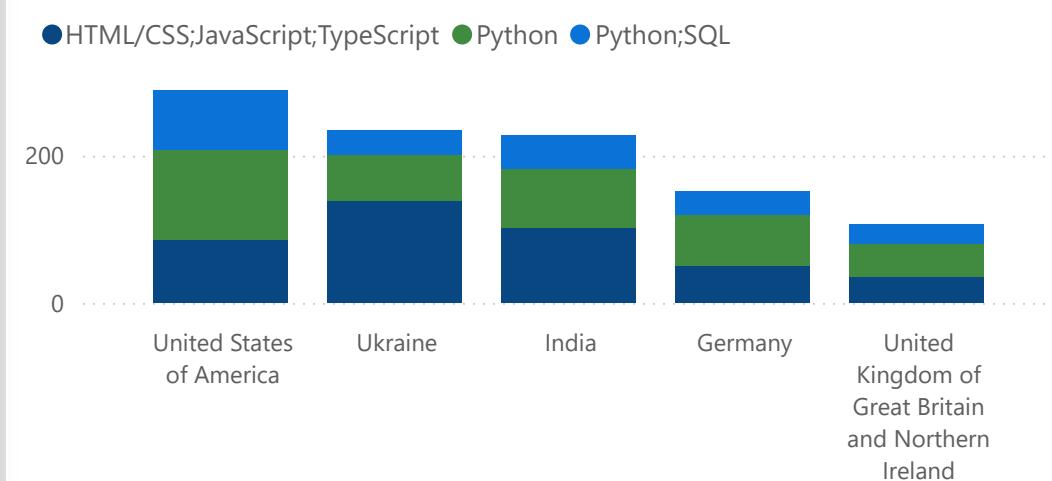
Languages want to work with



Average compensation by language



TOP 3 languages by relevant countries



Continent

Alle

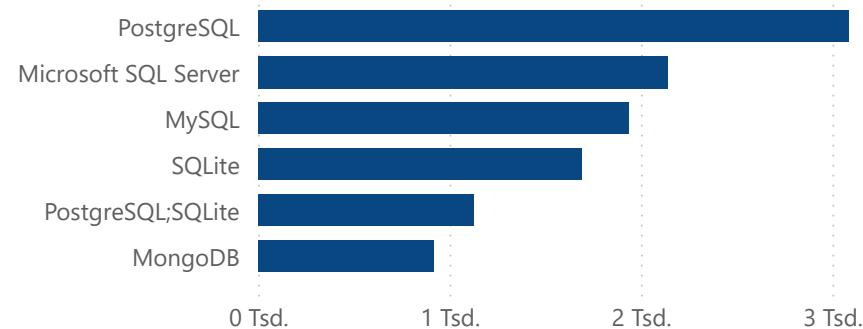
Country

Alle

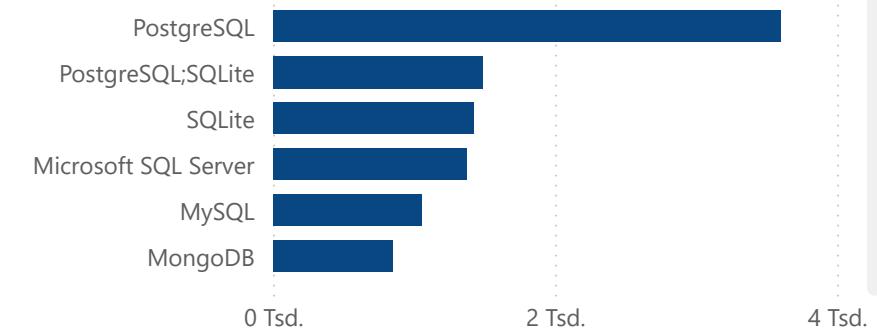
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Respondents

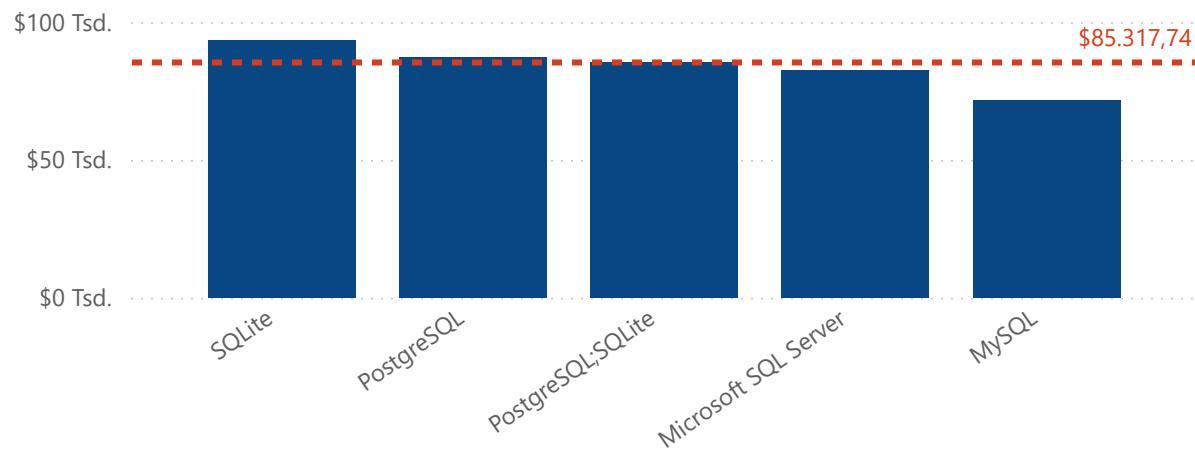
Databases have worked with



Databases want to work with

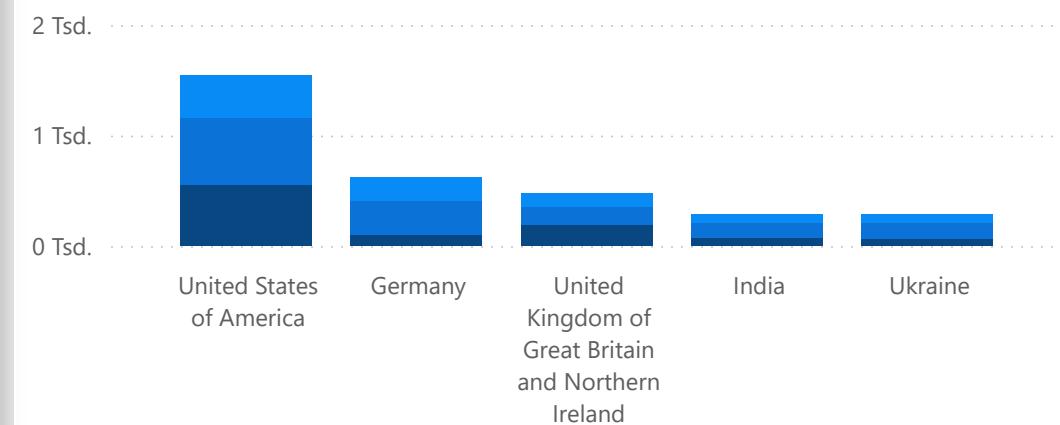


Average compensation by databases



TOP 3 Databases by relevant countries

● Microsoft SQL Server ● PostgreSQL ● SQLite



Continent

Alle

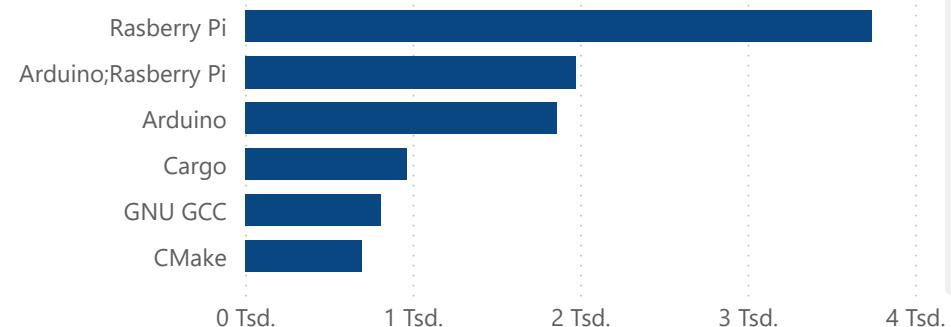
Country

Alle

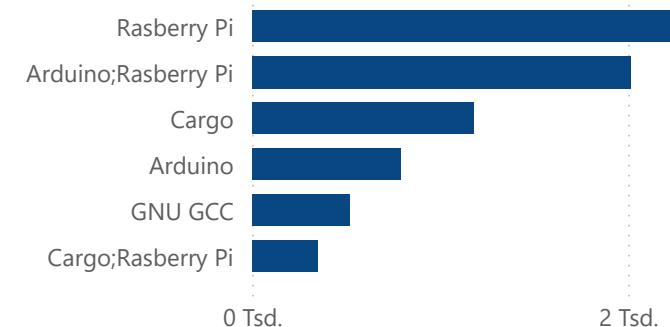
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Respondents

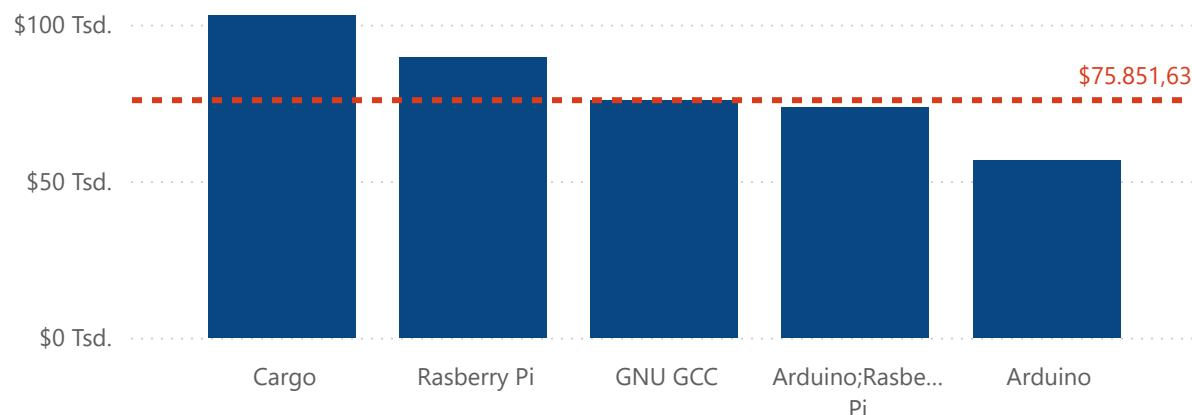
Embedded have worked with



Embedded want to work with

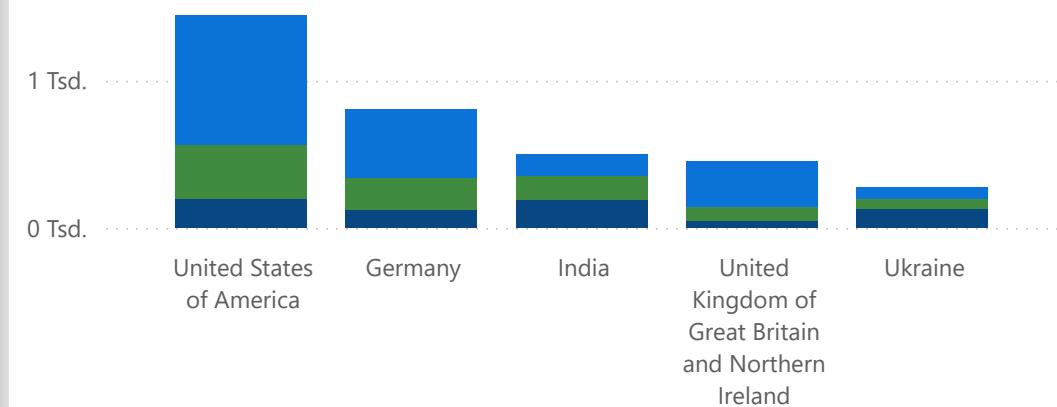


Average compensation by embedded



TOP 3 Embedded by relevant countries

● Arduino ● Arduino;Raspberry Pi ● Raspberry Pi

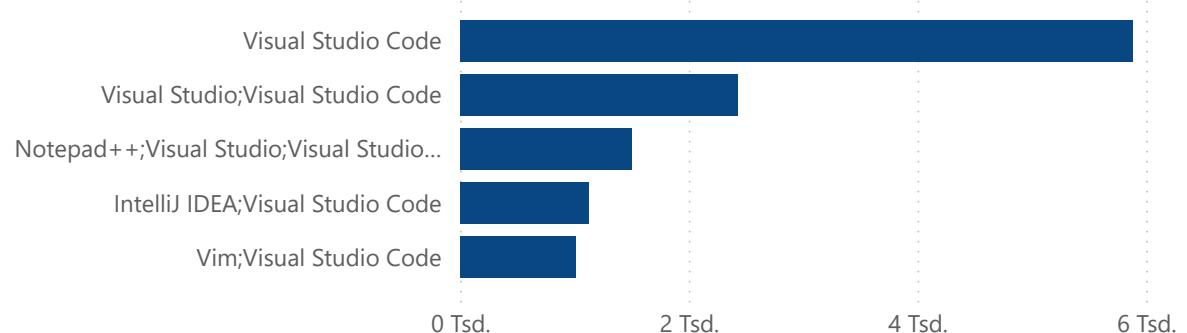


Continent
Alle

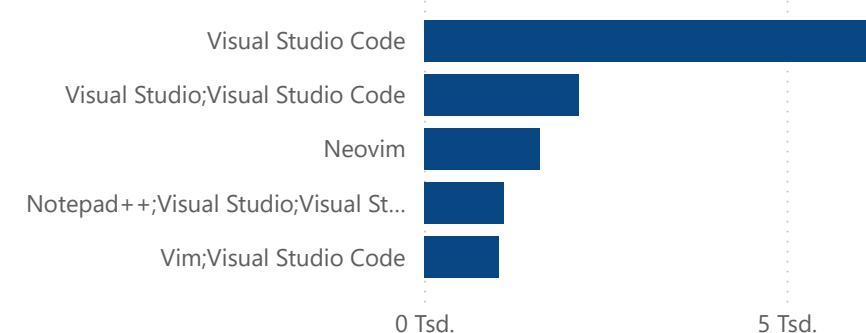
Country
Alle

57682
Respondents

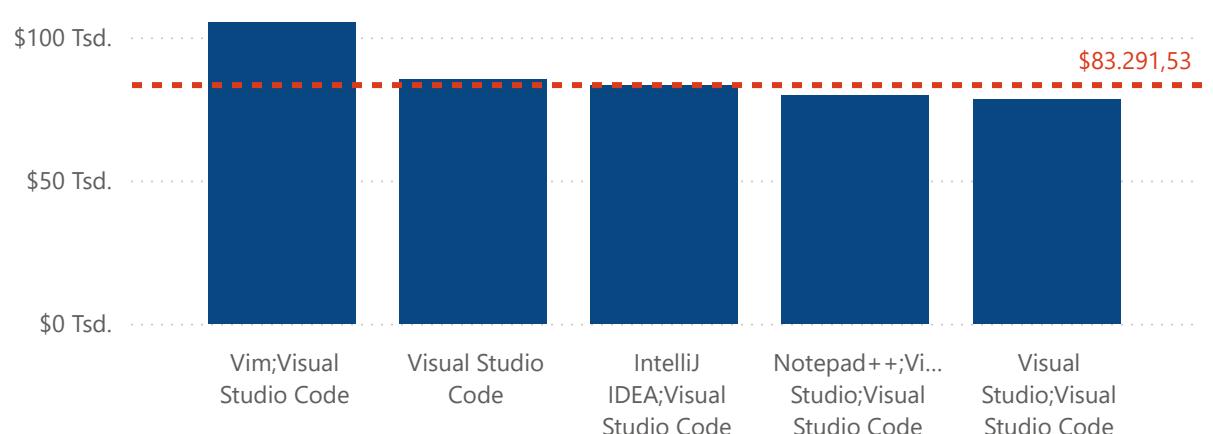
Collaboration tools have worked with



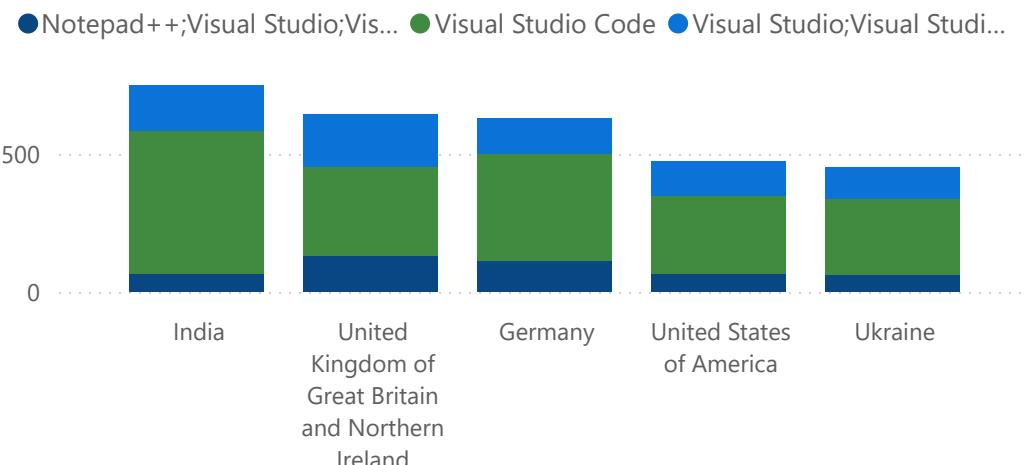
Collaboration tools want to work with



Average compensation by collaboration tools



TOP 3 Collaboration tools by relevant countries



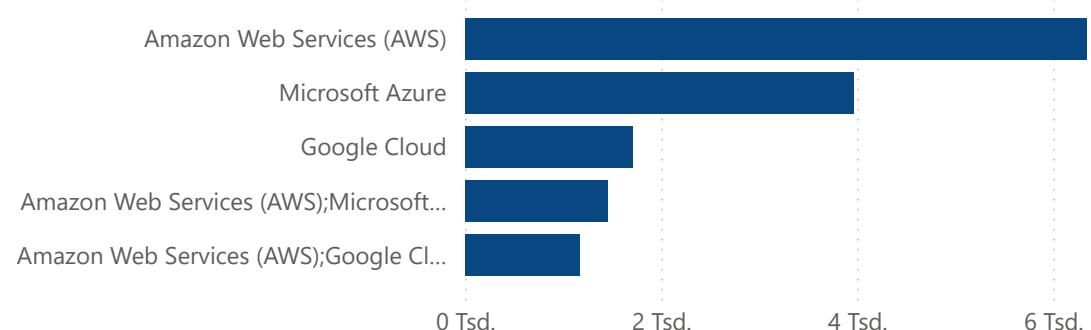
Continent
Alle

Country
Alle

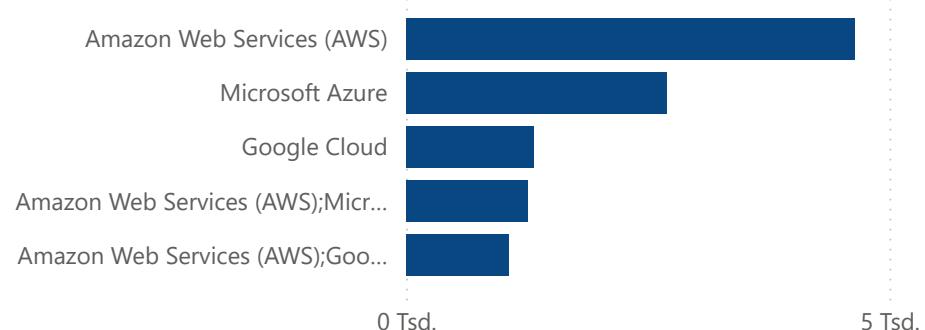
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Respondents

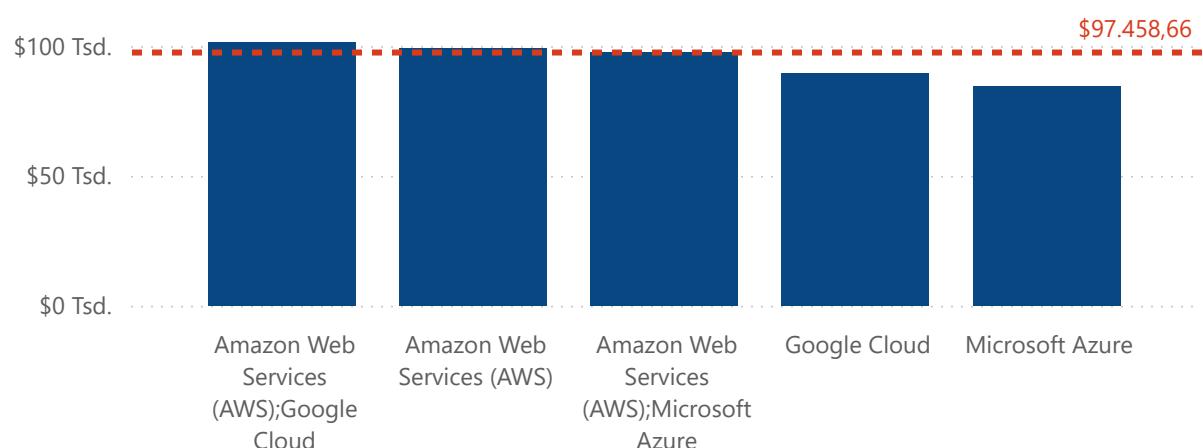
Platforms have worked with



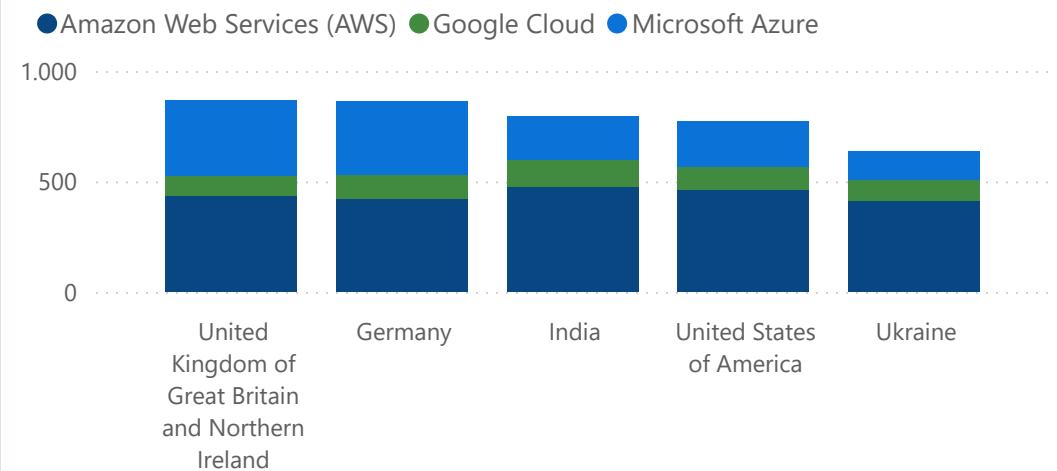
Platforms want to work with



Average compensation by platforms



TOP 3 Platforms by relevant countries



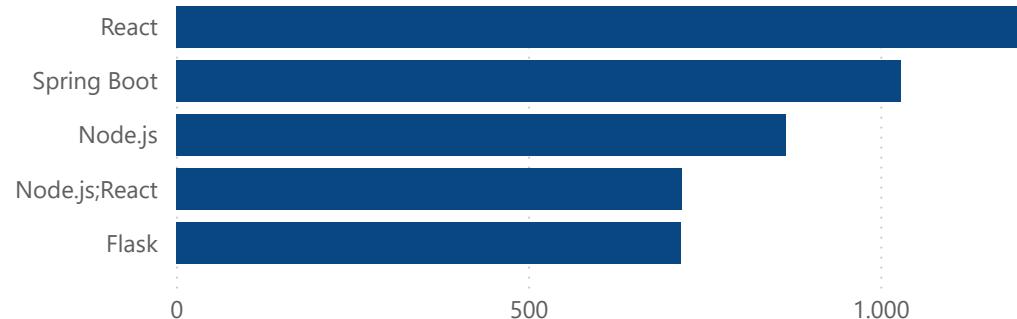
Continent

Country

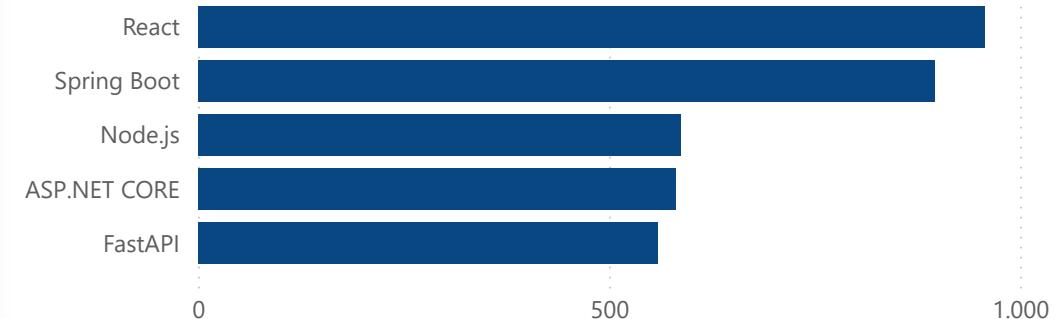
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Respondents

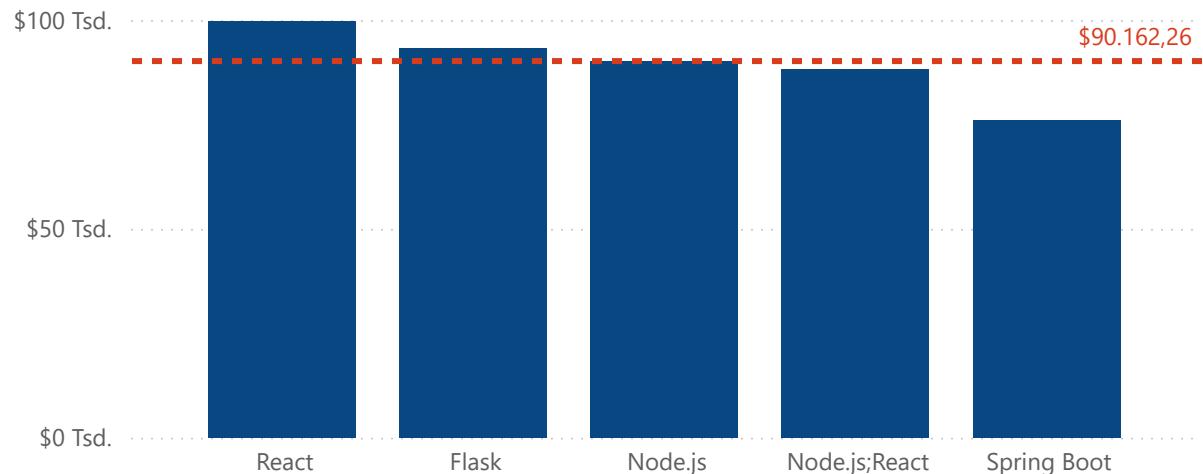
Webframeworks have worked with



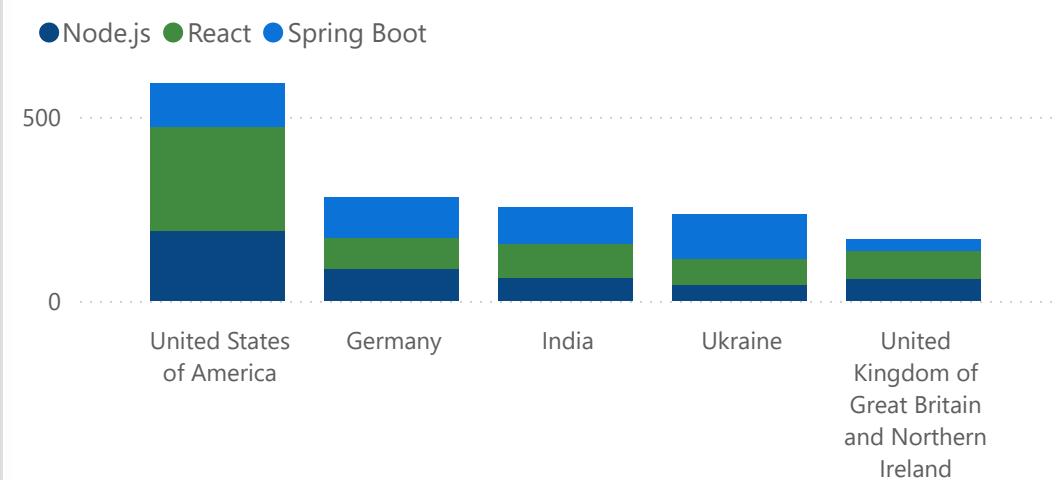
Webframeworks want to work with



Average compensation by webframeworks



TOP 3 Webframeworks by relevant countries



Continent

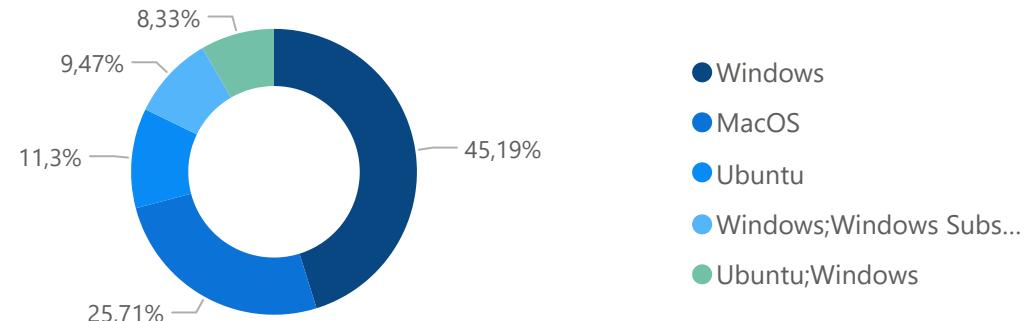
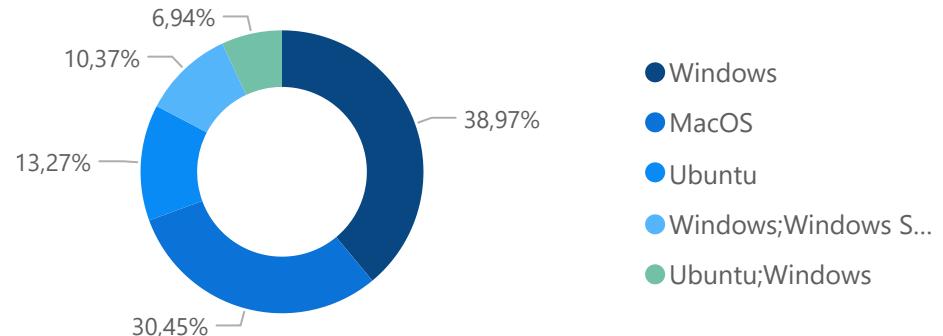
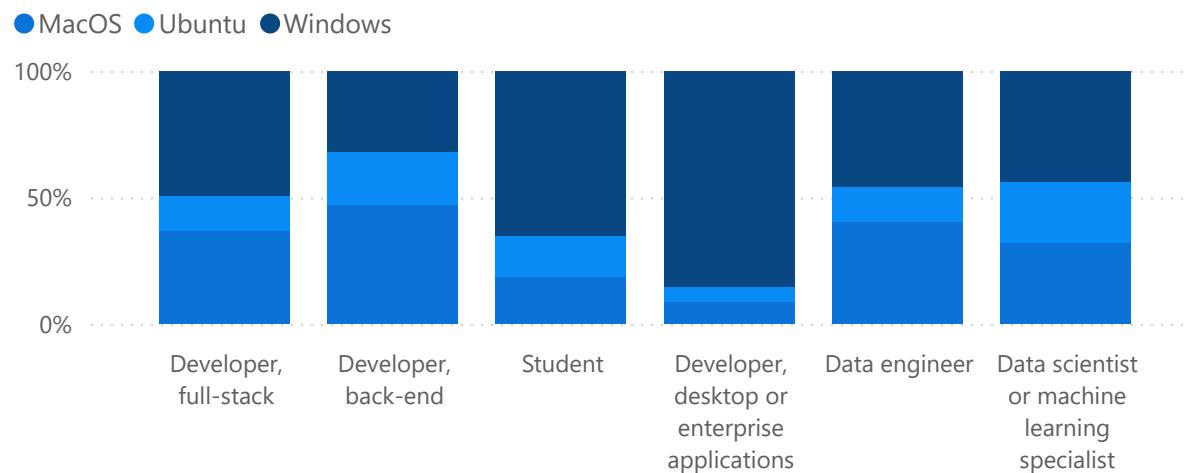
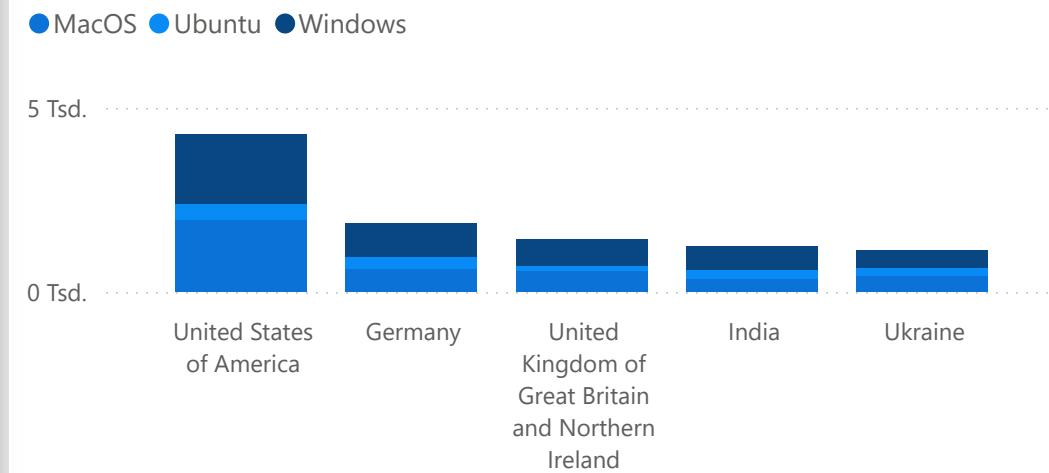
Alle

Country

Alle

57682

Respondents

Operating systems in personal use**Operating systems in professional use****TOP 3 operating systems by developer type****TOP 3 operating systems by relevant countries**

Continent

All

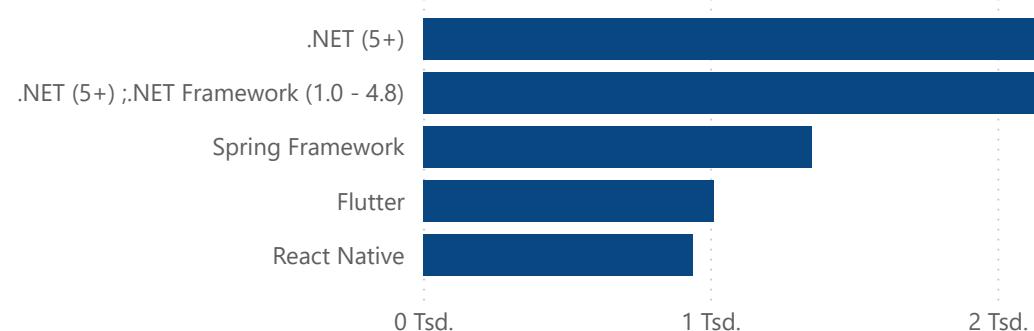
Country

All

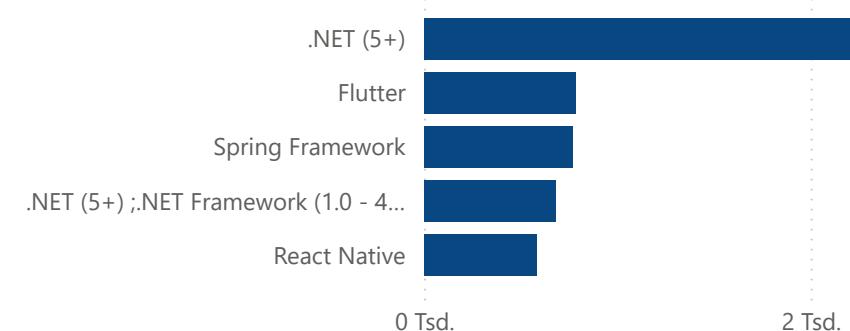
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Respondents

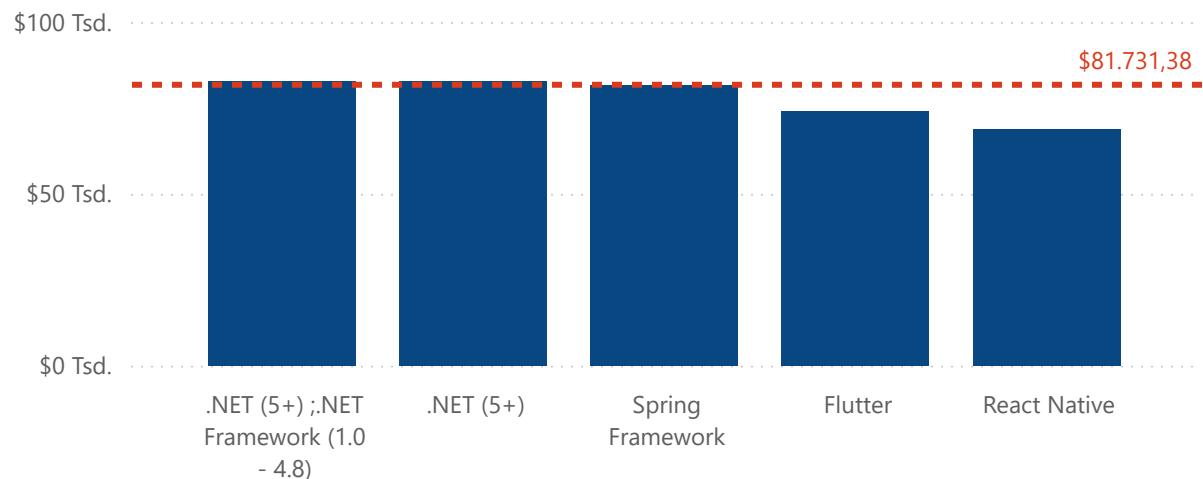
Other frameworks and libraries have worked with



Other frameworks and libraries want to work with

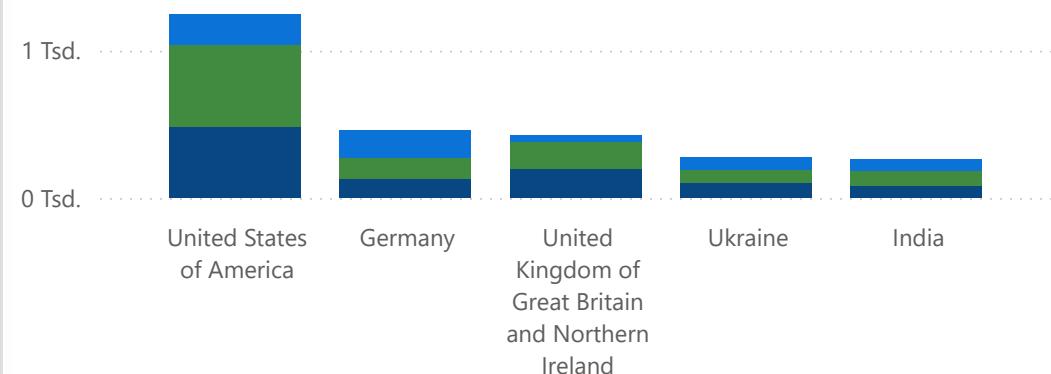


Average compensation by other frameworks and libraries



TOP 3 Other frameworks and libraries by relevant countries

● .NET (5+) ● .NET (5+) ;.NET Framework (1.0 - 4.8) ● Spring Framework



Continent

All

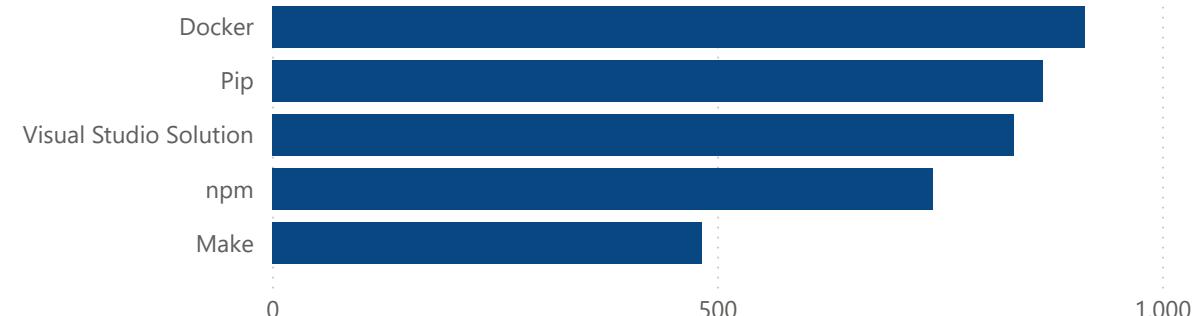
Country

All

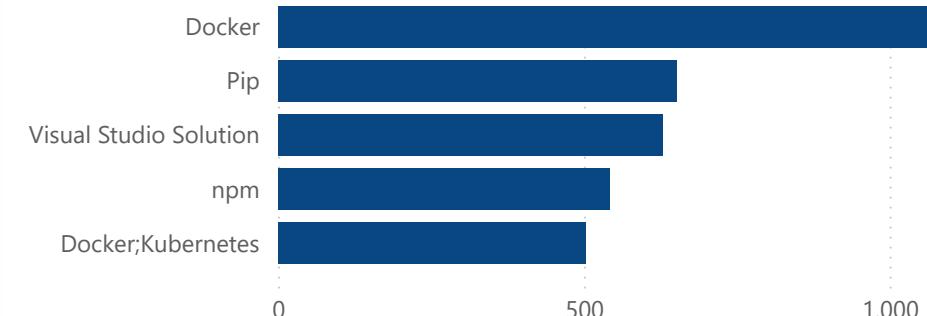
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Respondents

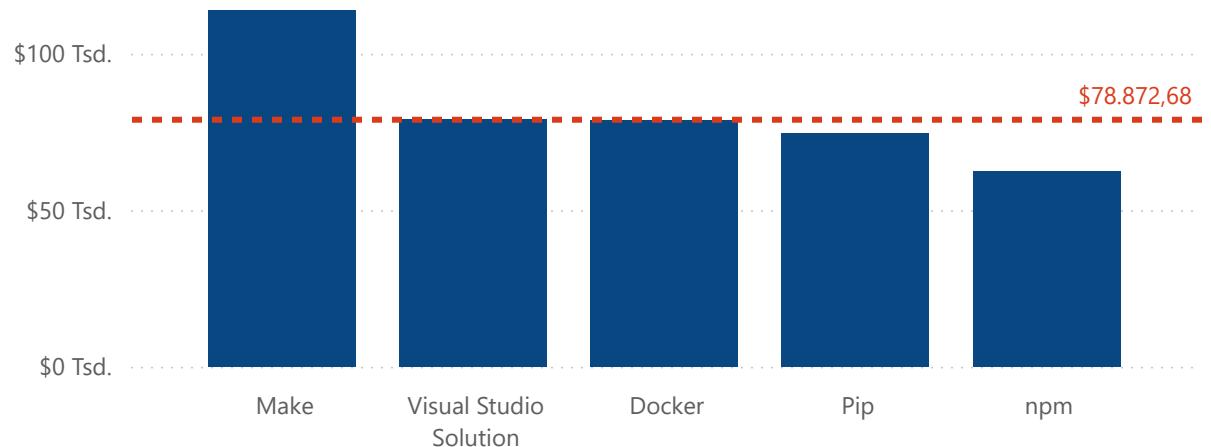
Tools have worked with



Tools want to work with

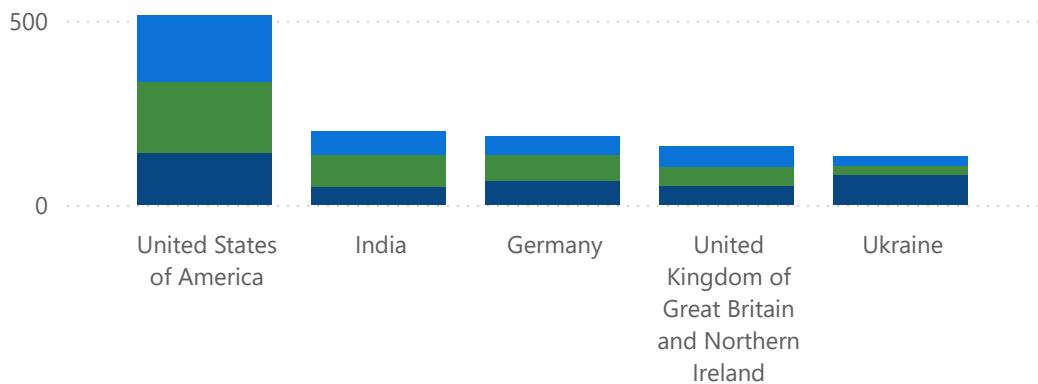


Average compensation by Tools



TOP 3 Collaboration tools by relevant countries

ToolsTechHaveWork... ● Docker ● Pip ● Visual Studio Solution

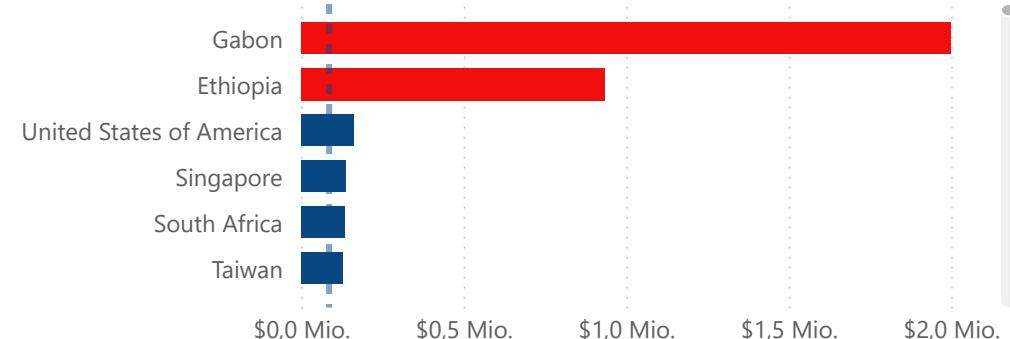


Continent
Alle

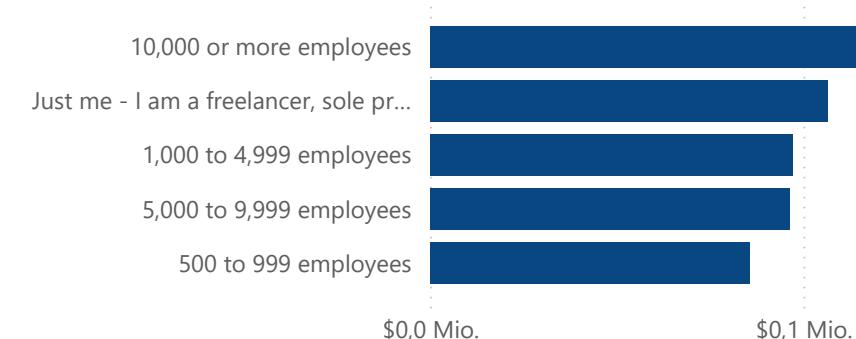
Country
Alle

57682
Respondents

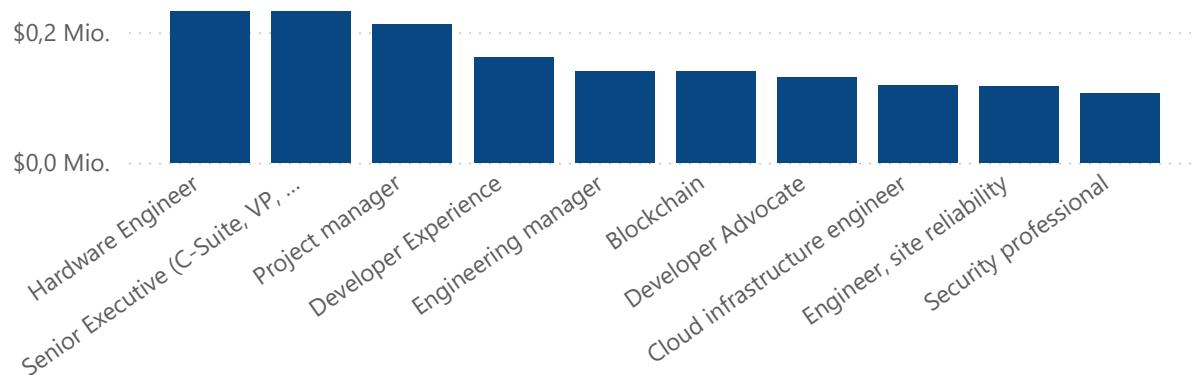
Average compensation by country



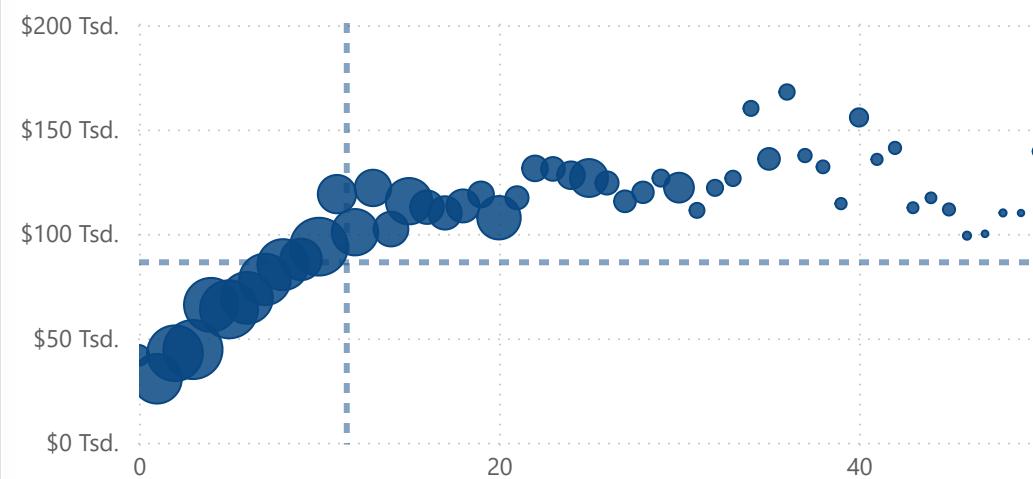
Average compensation by organization size



Average compensation by developer type



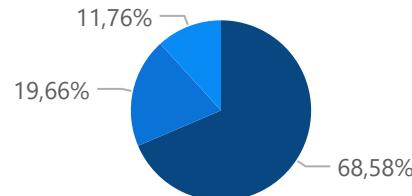
Correlation between average experience and average compensation



57682

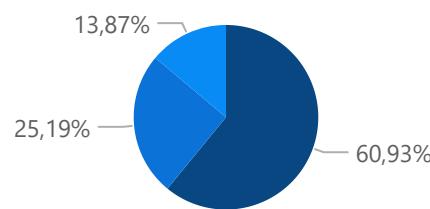
Respondents

Do you believe AI is a threat to your current job?



● No ● I'm not sure ● Yes

Do you currently use AI tools in your development process?



● Yes ● No, and I don't plan to ● No, but I plan to soon

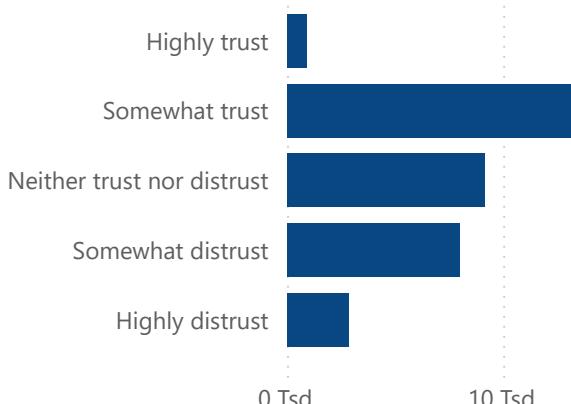
Project planning

TOP area of AI without interest to work with

Learning about a codebase

TOP area of AI with interest to work with in future

How much do you trust the accuracy of the output from AI tools as part of your development workflow?



- Circulating misinformation or disinformation
 - Missing or incorrect attribution for sources of data

TOP areas of AI that lead to ethical concerns

- Writing code
- Debugging and getting help
- Search for answers

TOP areas of AI currently working with

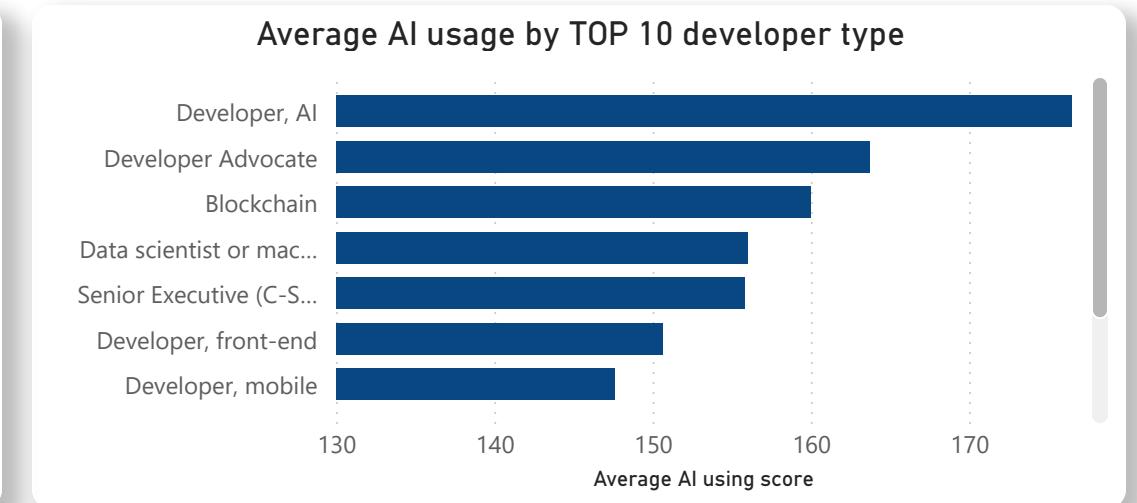
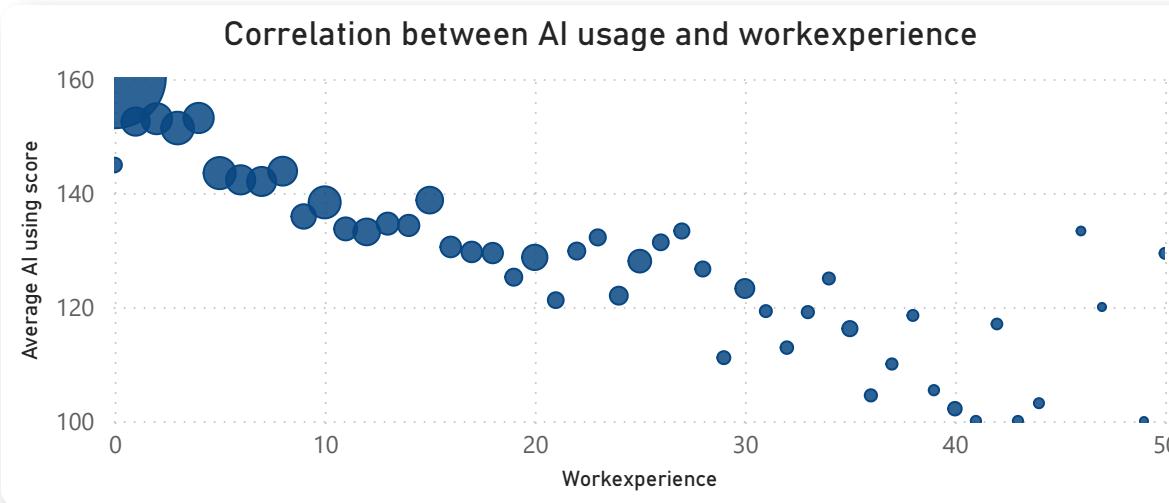


Continent

Country

57682

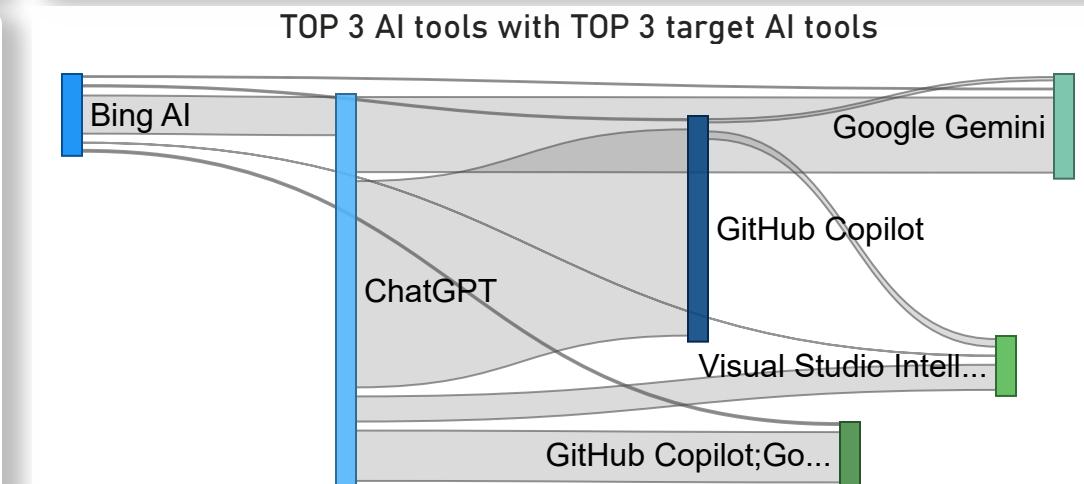
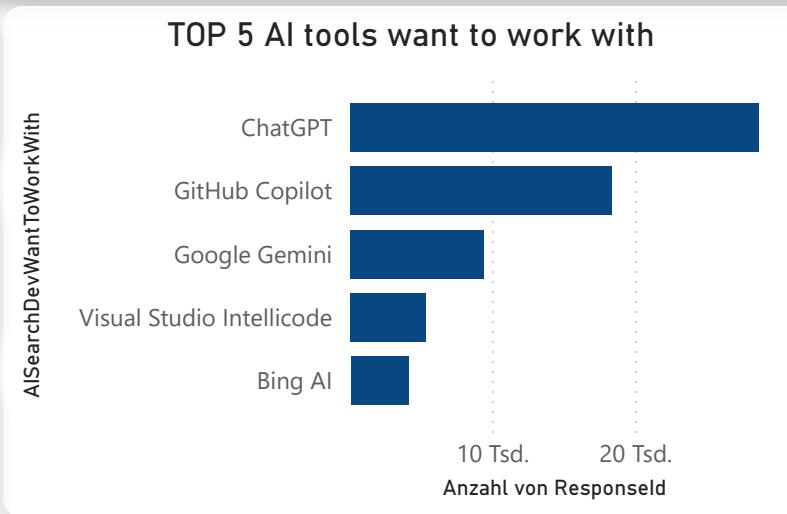
Respondents



Show bar chart to the right with AI tools worked with

AI tools want to work with

Show bar chart to the right with AI tools admired

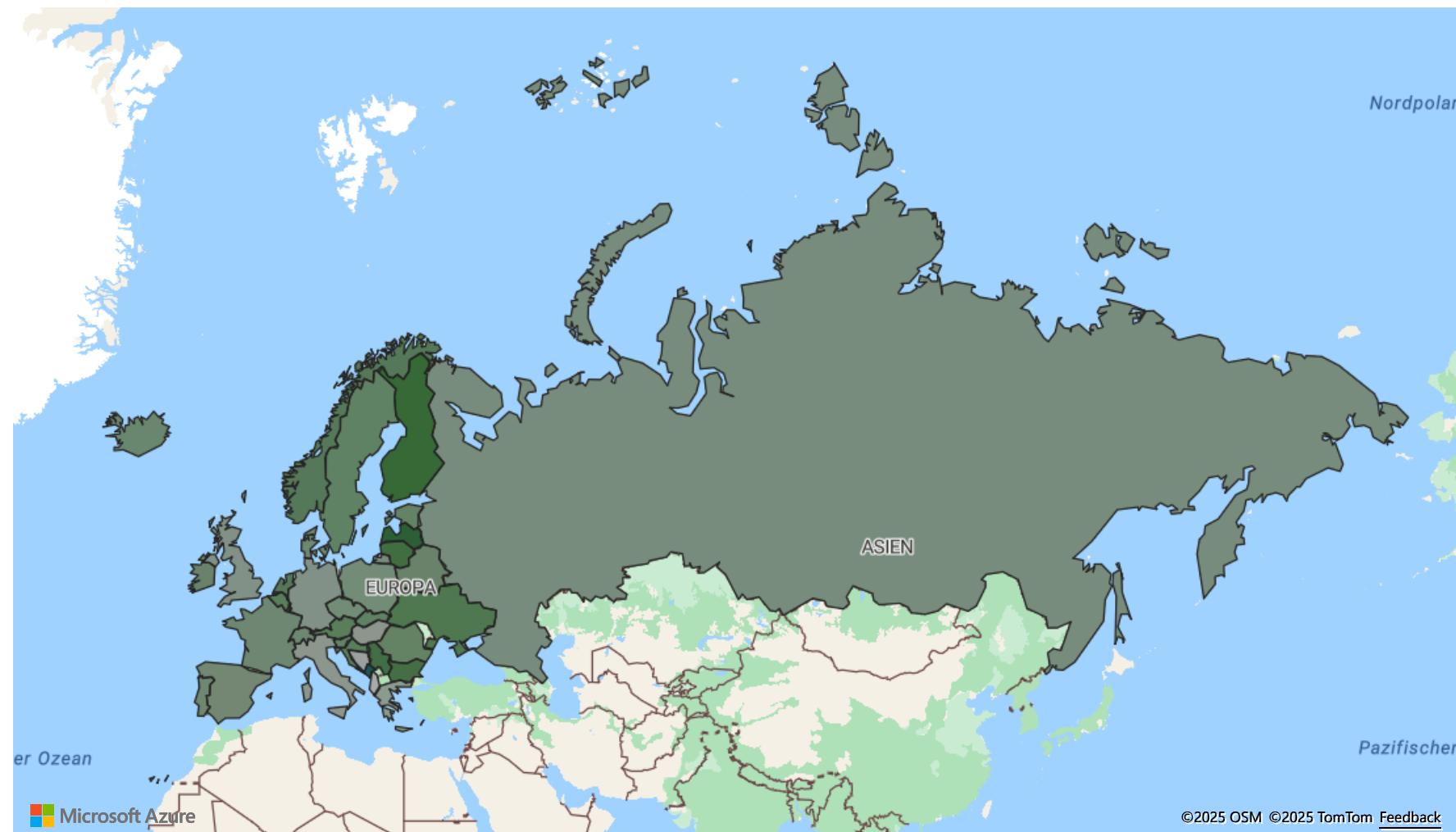


Continent

Africa Asia Europe North America Oceania South America

28474

Respondents



Choose respondents count

Choose average compensation

Average jobsatisfaction

Choose AI usage

