

COMPARISON BY YALANTIS

# Go vs Rust: which is better for your project?

Characteristics	Go	Rust
Memory management	Garbage Collected	Ownership model with compiler checks
Speed and performance	Medium	High
Difficulty to learn	Low	High
Compile time	Fast	Slow
Deployment	Static Binary	Static Binary
Concurrency	Goroutines	Async/Await and threading
Use on embedded devices	Narrow	Broad

[Comparative table of Rust and Go]

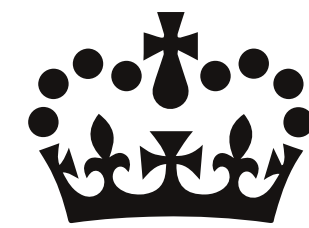
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# Go use cases



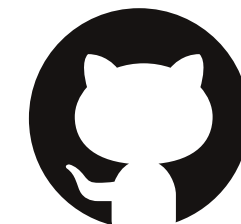
Google Cloud

Cloud computing solutions



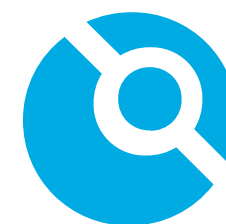
GOV.UK

Web applications



GitHub

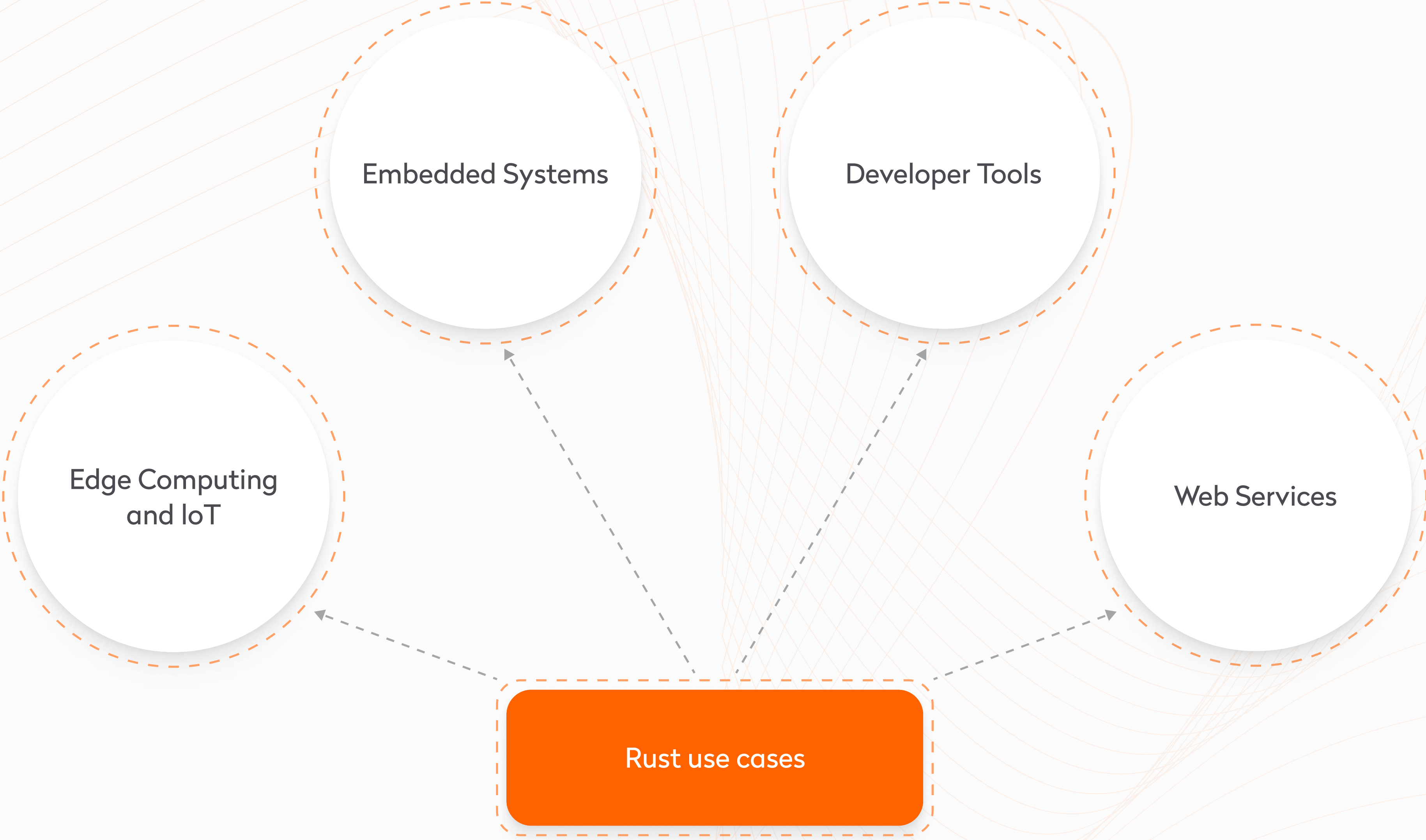
Command-line interfaces

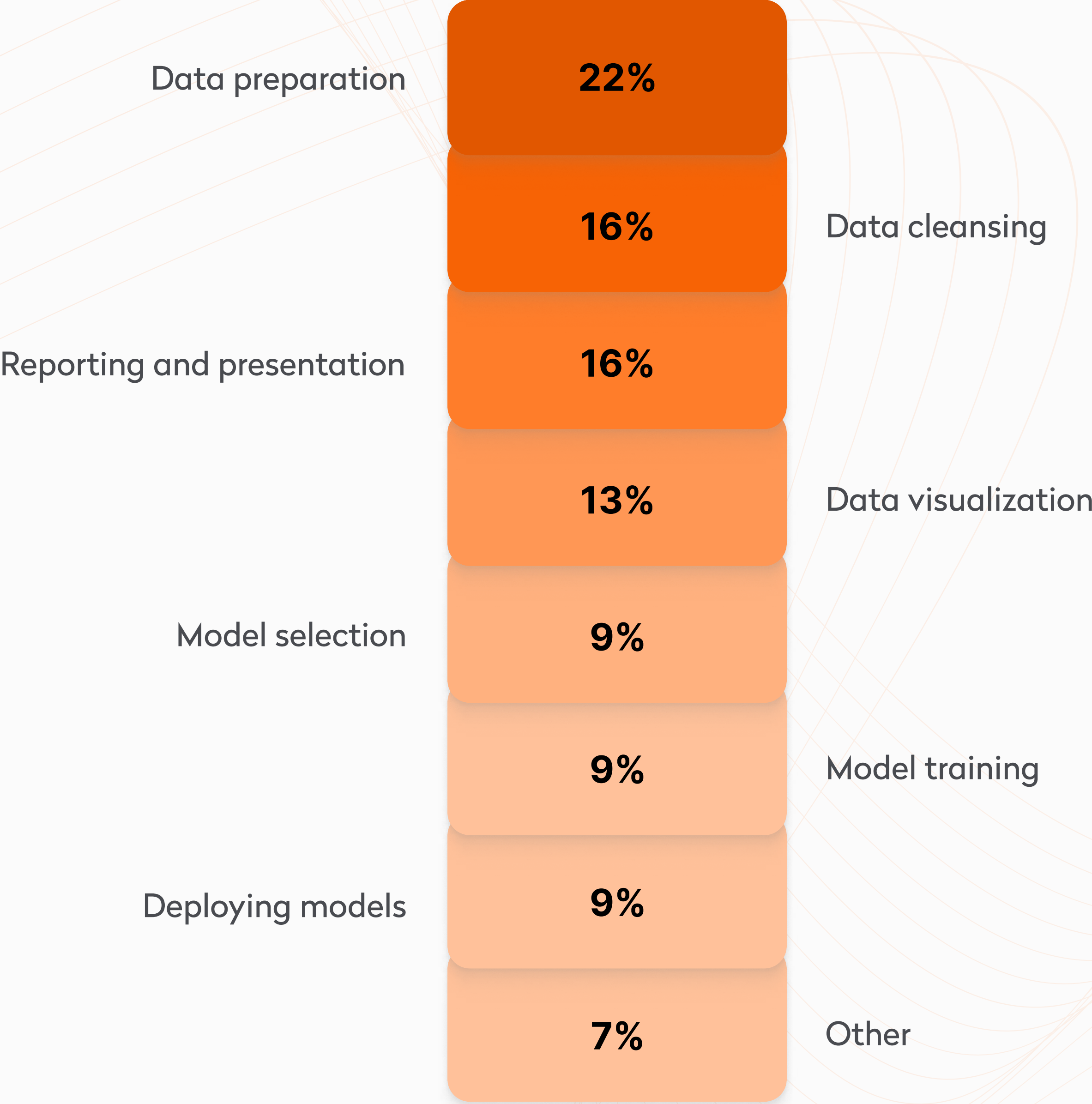


DRONE

DevOps and SRE







Source: Angcondo, State of Data Science 2022 survey

[Share of data scientists' responsibilities]

# Major reasons for a data science project

Concurrent processing

Statically typed  
language

Interoperability with  
most data stores

Evolving and  
comprehensive  
set of tools



Not sure which programming  
language to select for your  
project?

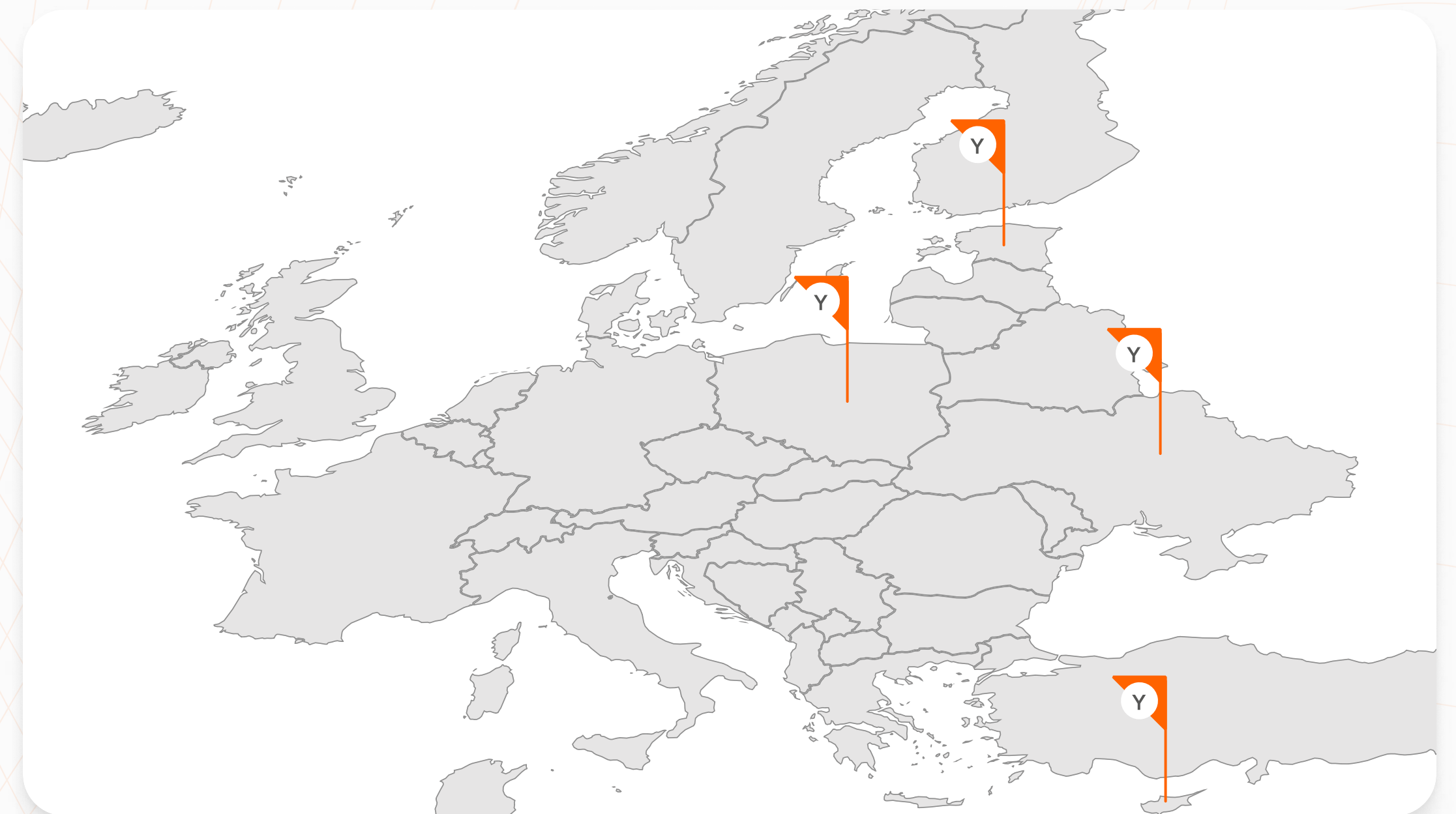
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# Why Yalantis?

Strong partner to build your innovation

- 15 years of experience in software engineering
- 5 development offices in Ukraine (Kyiv, Dnipro, Lviv) and Cyprus, Poland and a representative office in Estonia
- 500 employees (+55-60% since 2021)
- One of the Top Custom Software Development Companies in Eastern Europe according to Clutch ratings
- Customer Satisfaction Rate 4.8/5
- More than 150 successfully delivered projects overall. Clients ranging from seed stage startups to companies with billion-dollar revenues
- 10+ partners that have been with us more than 5 years in ongoing development





# More from us



[github.com/Yalantis](https://github.com/Yalantis)

Open-source projects the community adores



[yalantis.com/works](https://yalantis.com/works)

Projects we're proud of



[clutch.co/profile/yalantis#reviews](https://clutch.co/profile/yalantis#reviews)

Feedback you'd like to hear



[youtube.com/playlist?list=PLjF2RbdSEMDJXrPIwh-l1Riyjvk1WTHuW](https://youtube.com/playlist?list=PLjF2RbdSEMDJXrPIwh-l1Riyjvk1WTHuW)

Clients video testimonials to prove our capabilities



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