



Kubernetes jobs

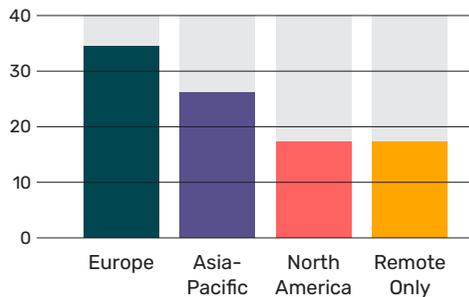
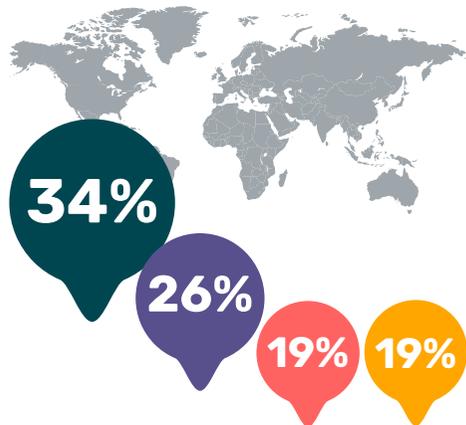
Trend report 2022 Q1

Table of Contents

▶ Where are the most Kubernetes job offers located?	3
▶ What's the salary range?	4
▶ How essential are certifications for a Kubernetes job? And if so, which are the important ones?	5
▶ What about CI/CD? How important is it for Kubernetes jobs?	6
▶ Of the configuration management tools, which ones are popular?	7
▶ How much work experience do companies seek in a Kubernetes engineer role?	8
▶ Infrastructure location: which are the popular cloud providers?	9
▶ Which popular technologies other than Kubernetes should you learn?	10
▶ What about Programming languages? Which ones are the most in-demand?	11
▶ Final Remarks	12

Where are the most Kubernetes job offers located?

➤ In Europe.



At least that's the case for this quarter.

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Remote only and North American jobs are tied at 19%.

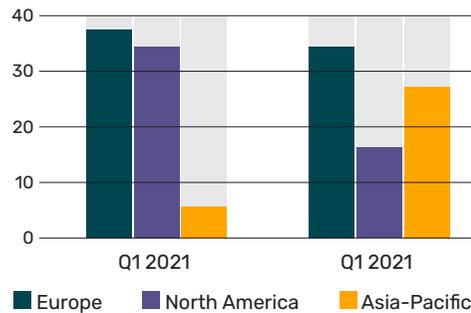
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Yes, and no.

It's worth keeping in mind that:

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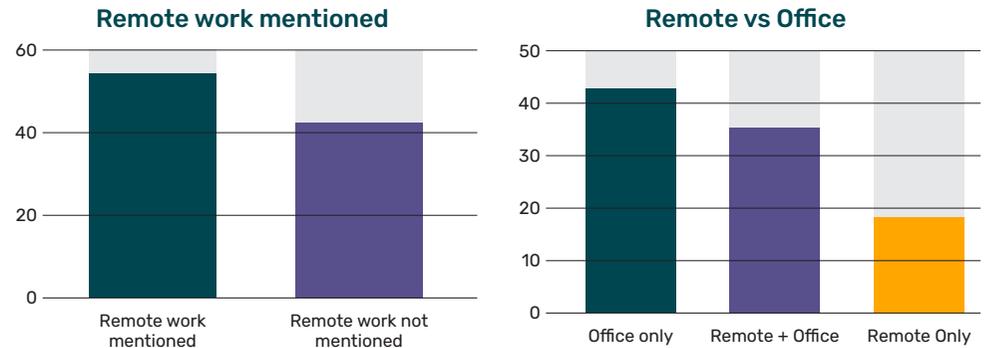
Top Kubernetes job locations (Q1 2021 vs Q1 2022)



With this in mind, in Q1 2021, Europe led the charts with almost 39% of the Kubernetes jobs, with North America in second place at 35%, while Asia-Pacific jobs were merely 5%.

Thus, Asia-Pacific has risen to second place this quarter, putting North America third.

➤ What's the remote jobs scenario like?



56%

However, it must be noted that there are different types of remote jobs, and not all are entirely office free.

As can be seen, "office only" jobs lead the way with almost 44% representation.

This is understandable since almost all the COVID-19 restrictions have been taken away.

Also good to see are "hybrid working"

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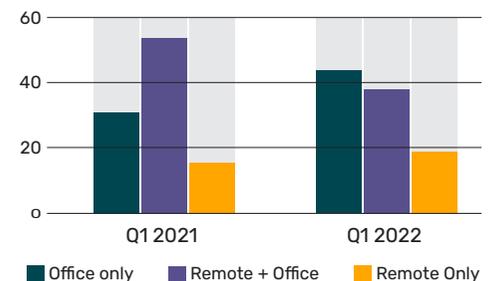
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It has changed quite a bit.

"Remote only" jobs have increased quarter-on-quarter, while the "Office only" jobs have also raised this quarter.

In contrast, "Remote-but-sometimes-office" jobs have decreased a little this quarter compared to the one in 2021.

Remote vs Office (Q1 2021 vs Q1 2022)



What's the salary range?

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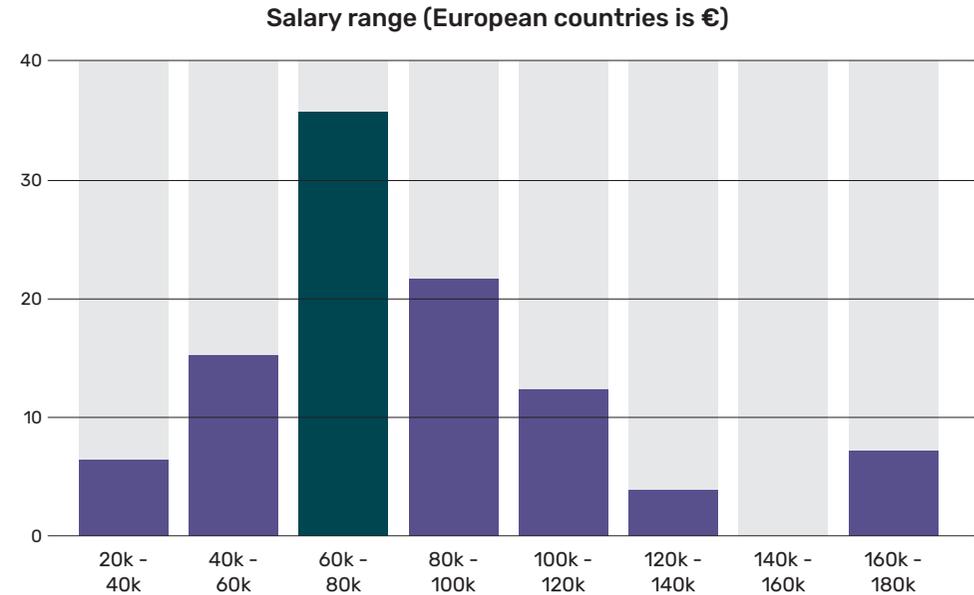


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Salary ranges for Kubernetes jobs in Europe



Minimum Salary

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How essential are certifications for a Kubernetes job? And if so, which are the important ones?



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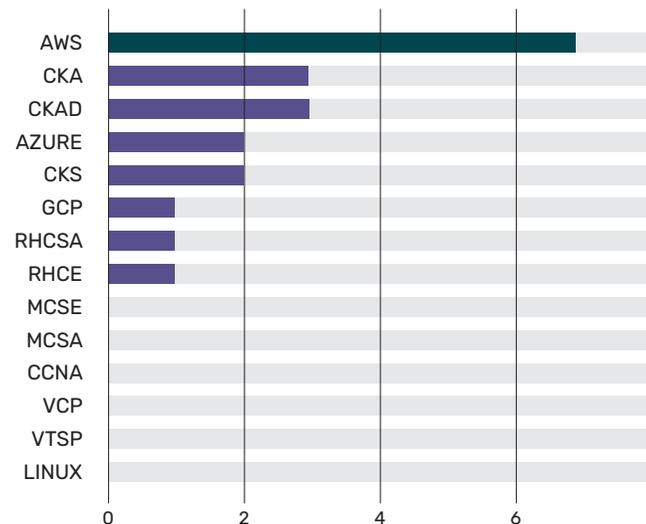
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Of all the job descriptions this quarter, **more than 88% did not mention a certification requirement.**

So, if you don't have certifications, you can still apply for the majority of the Kubernetes jobs.

So, which are the popular certifications one should consider completing?

Of the job descriptions that mention certifications, **AWS certifications** top the chart with almost **64%** representation.



This trend has been [reflected in the yearly 2021 report](#), with AWS certifications representing 64% and 73%, respectively.

So, if you wish to complete just one certification, you know which one to go for.

Kubernetes Certifications stand in second place, with Azure and GCP certifications.

What's the trend for Kubernetes certifications for Q1 2022?

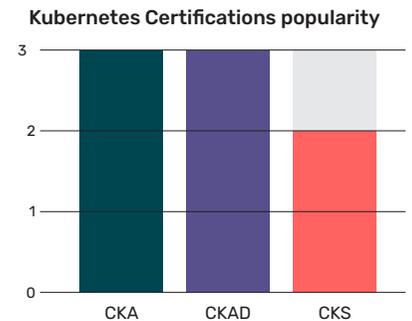
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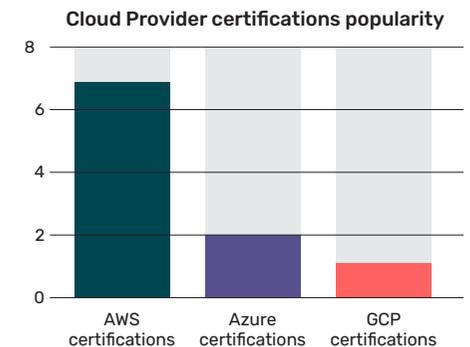
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What about the Cloud provider certifications?

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What about CI/CD? How important is it for Kubernetes jobs?

Quite important.

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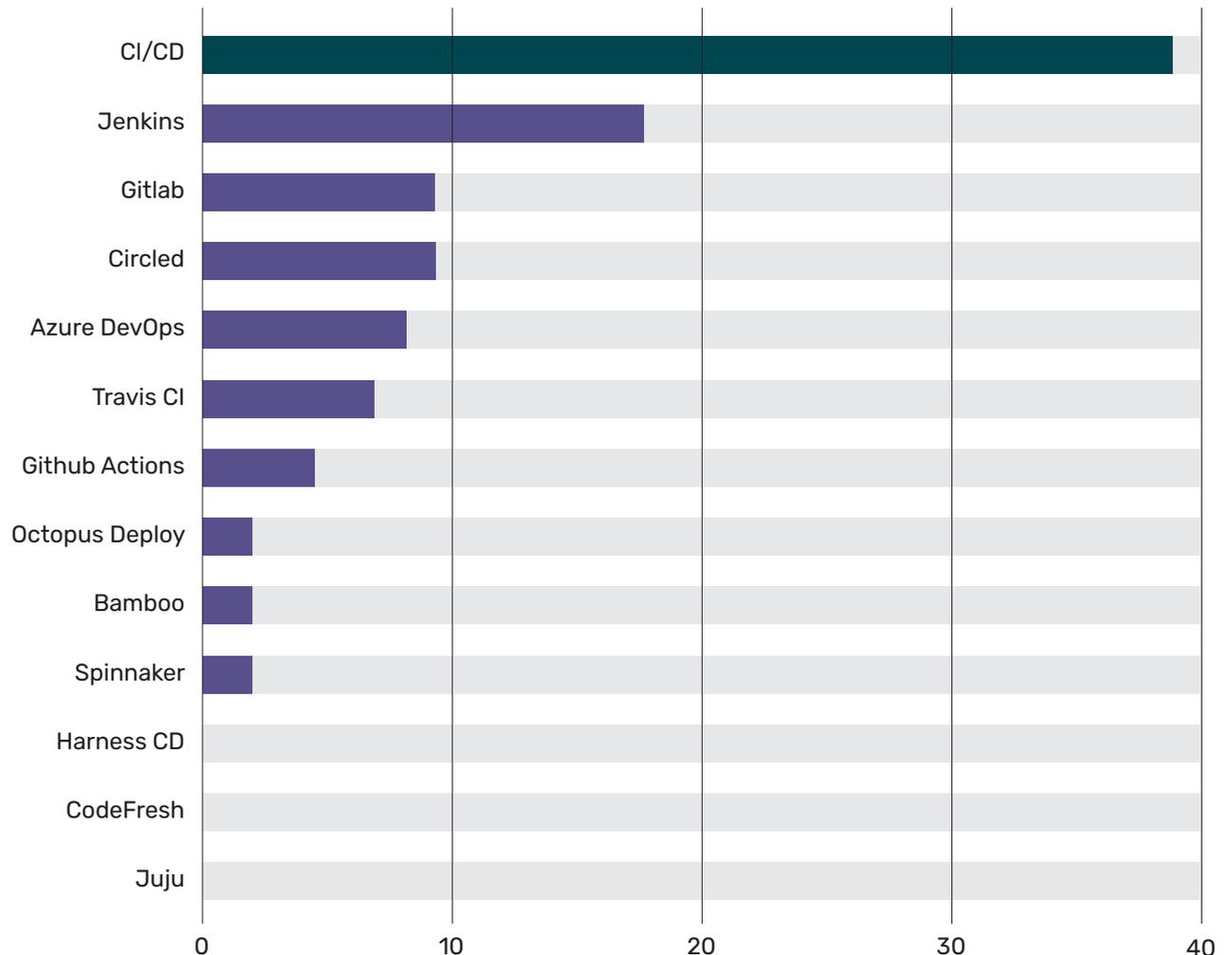
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Almost **70%** were simple "**CI/CD**" mentions of these.

As far as specifics go, **Jenkins** comes at the top with 30% representation, with **Gitlab CI** and **CircleCI** sharing the second place with 16% of the mentions.

Popularity CI/CD tools



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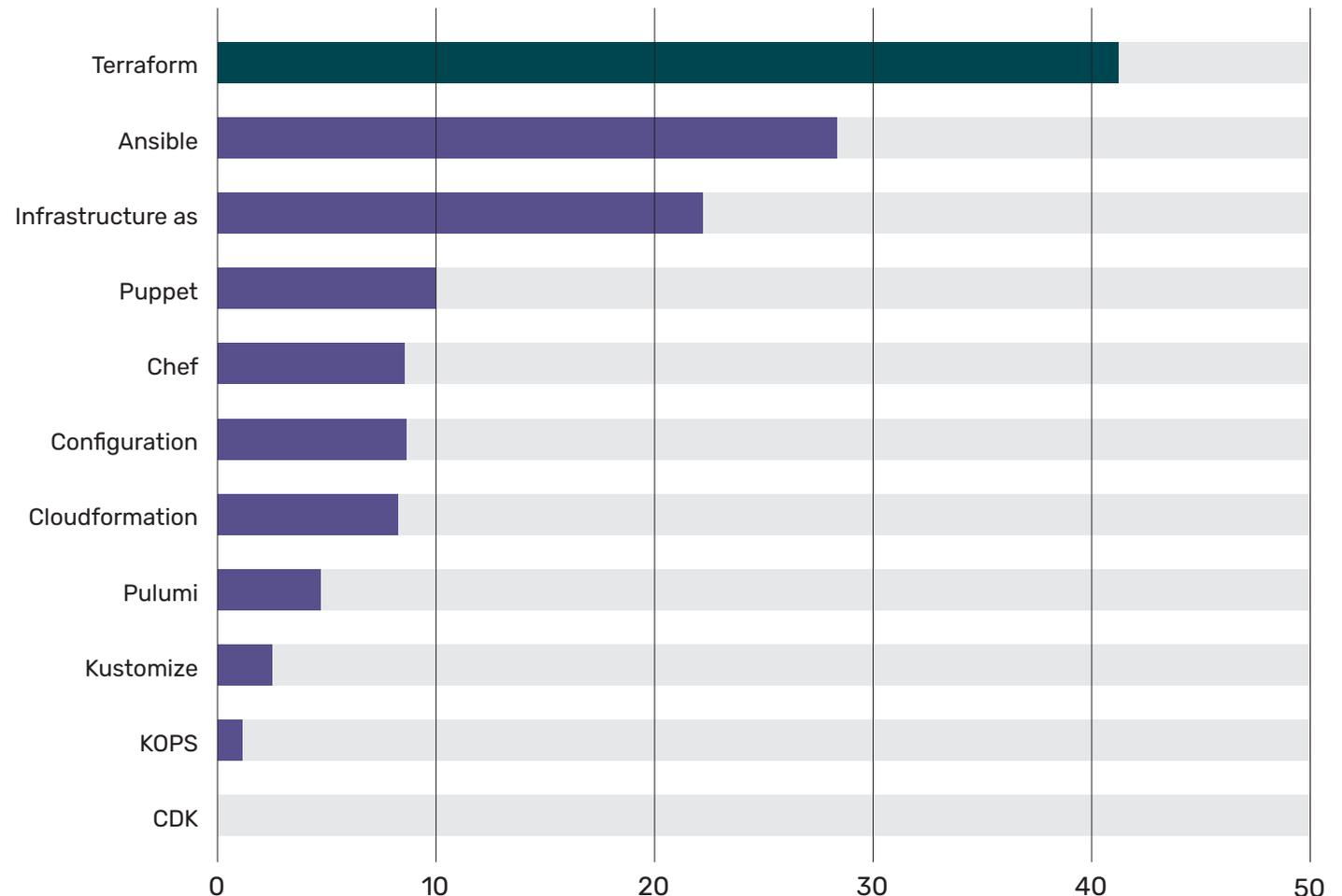
As seen in the chart, **Terraform** dominates this trend, with more than 43% of the jobs mentioning the tool as a requirement.

This dominance of Terraform has also been reflected in Q1 of 2021 and the yearly report of 2021, with 32% and 40% representation.

Ansible is second, with almost 29% of the jobs favouring the tool.

Followed by **Puppet** and **Chef**.

Configuration tools popularity

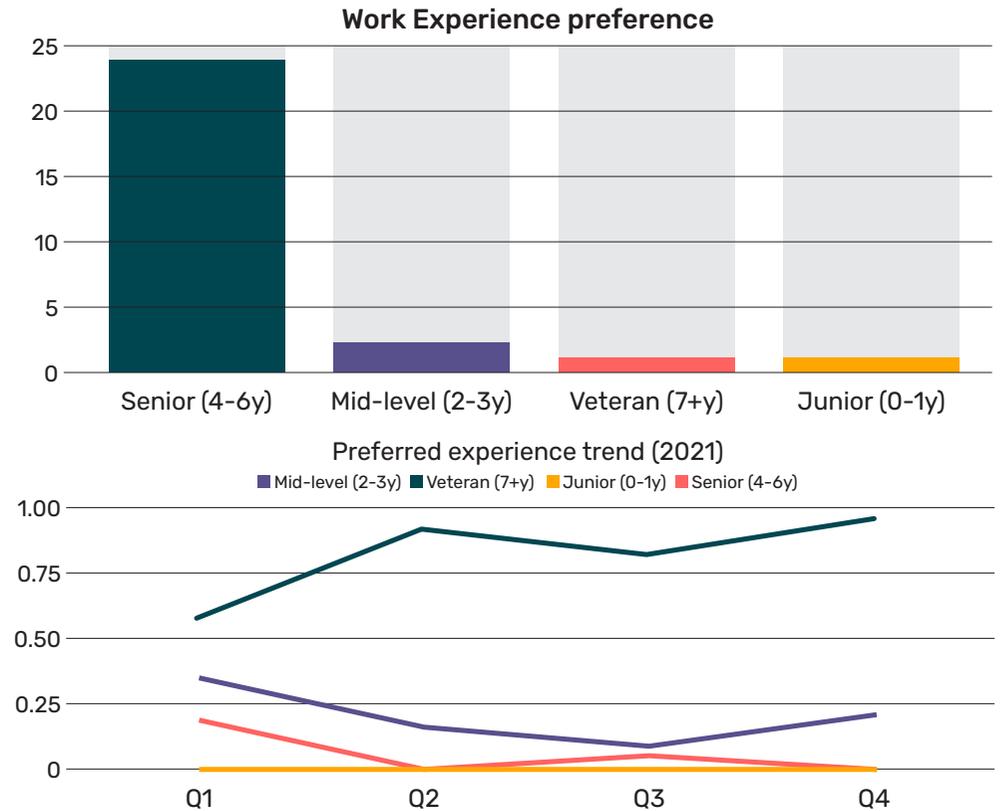


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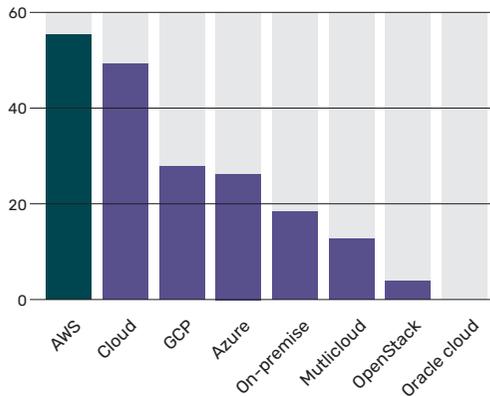
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Veteran (7+ years) level of experience continues to be the least sought-after since Kubernetes was launched in 2014! Sadly, **Junior (0-1 years)** level of experience is also the least sought-after – a trend which we hope will change in the following quarters. Senior-level experience has been the most sought-after for all the quarters of 2021.

Infrastructure location: which are the popular cloud providers?

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54% of the job listings just mentioned **cloud** as their infrastructure locations without specifics.

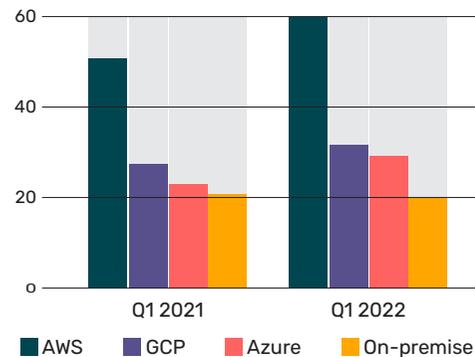
While **GCP** and **Azure** showed 29% and 31% representation among the job descriptions.

Has the trend been the same over the quarters?

It's been almost identical.

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Infrastructure locations (Q1 2021 vs Q1 2022)



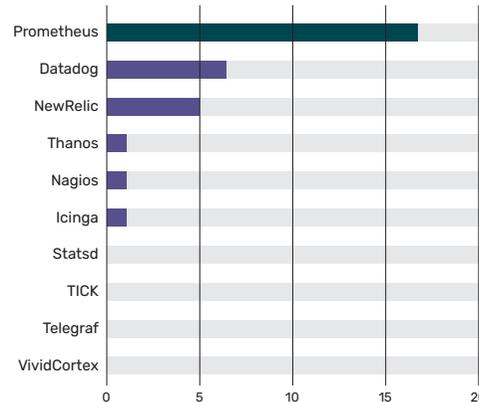
Conclusions from this analysis are:

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2. Although GCP stands in second place, there is very little between it and Azure, so they almost share the second place between them.
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What about the monitoring stack? Which tools are popular?

Only **23%** of the job listings mentioned a monitoring tool experience in our dataset.

Of the monitoring tools mentioned, **Prometheus** leads the way, and that too with quite a distance.



Datadog comes in a distant second. Followed by **NewRelic**, **Thanos**, **Nagios**, and **Icinga**.

Prometheus was also the most popular for Q1 2021, with more than **21%** of job listings mentioning the monitoring tool.

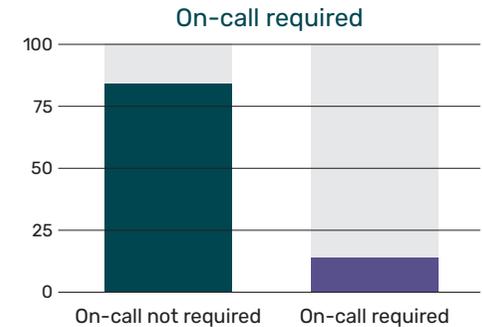
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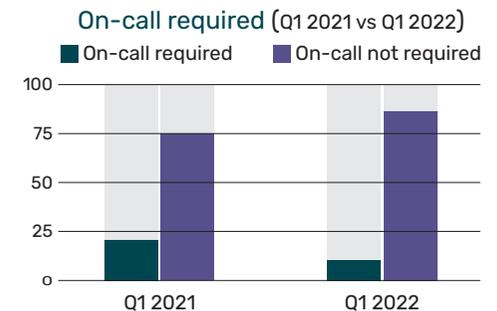
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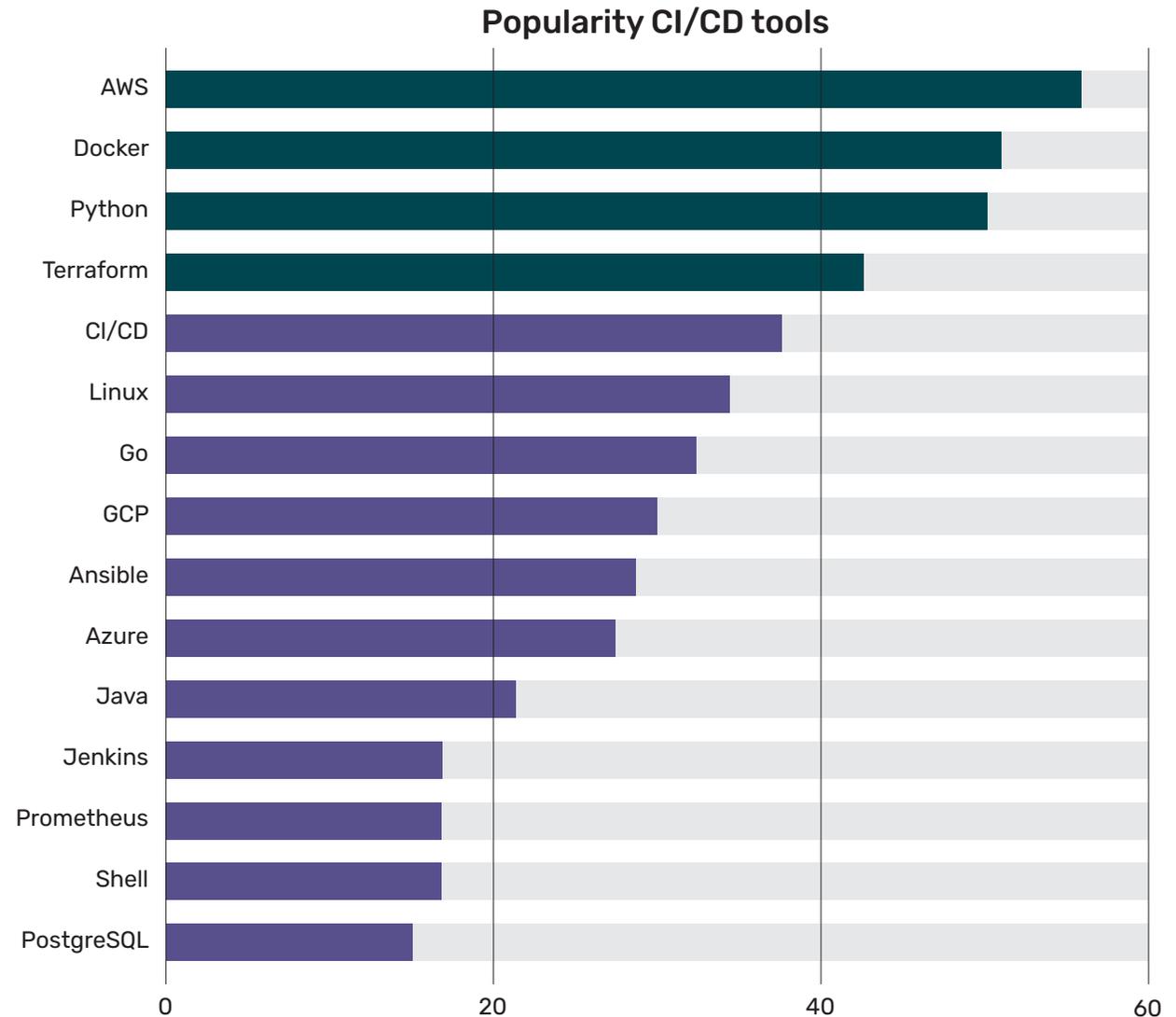
Which popular technologies other than Kubernetes should you learn?

The following list is an excellent guide for engineers seeking to round out their skill set.

The most popular choices of technology among Kubernetes engineers are:

- ⊕ Programming languages: **Python, Go, and Java.**
- ⊕ Cloud platforms: **AWS, GCP, and Azure** (in that order).
- ⊕ Operating systems: **Linux.**
- ⊕ Infrastructure as Code: **Terraform.**
- ⊕ Database management: **PostgreSQL.**
- ⊕ Configuration management: **Ansible.**
- ⊕ CI/CD: **Jenkins.**

It's essential to notice that if you already master Python and AWS, you can confidently apply for more than **60%** of job offers.

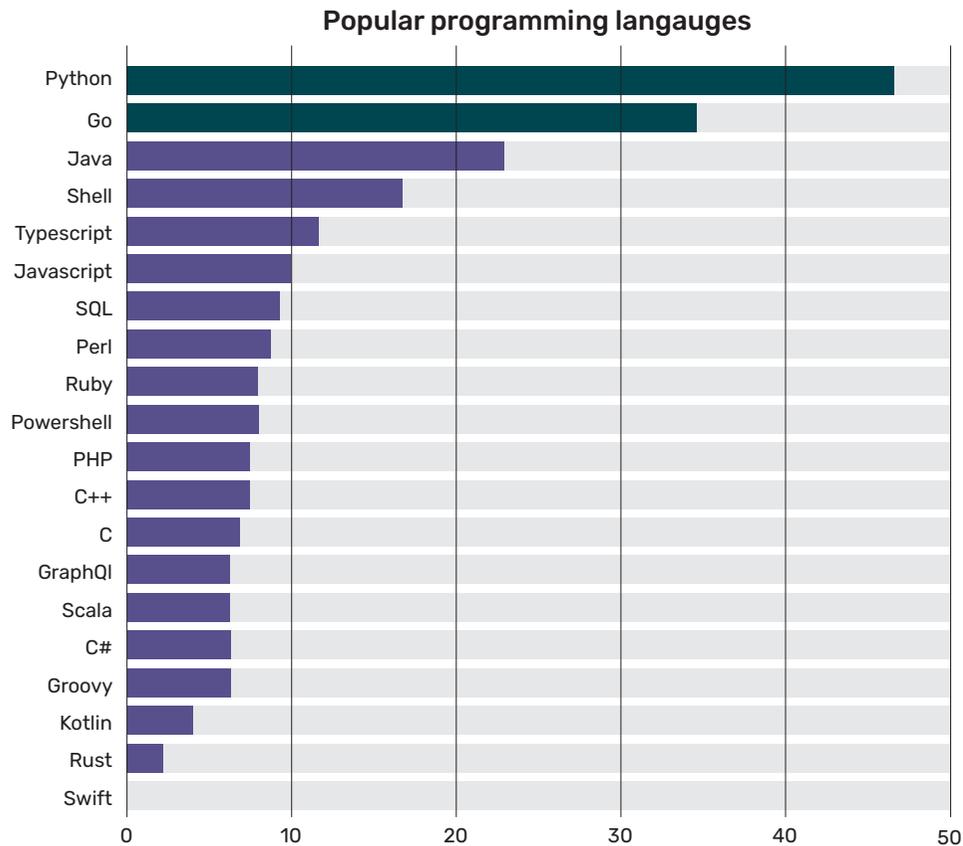


What about Programming languages? Which ones are the most in-demand?

Python continues to be the preferred programming language for the cloud, with more than 60% representation.

Go comes in second at almost 44%.

Other frequently mentioned programming languages include Java, Shell, Typescript, and Javascript.



Has the trend been the same in Q1 2021?

Largely, yes.

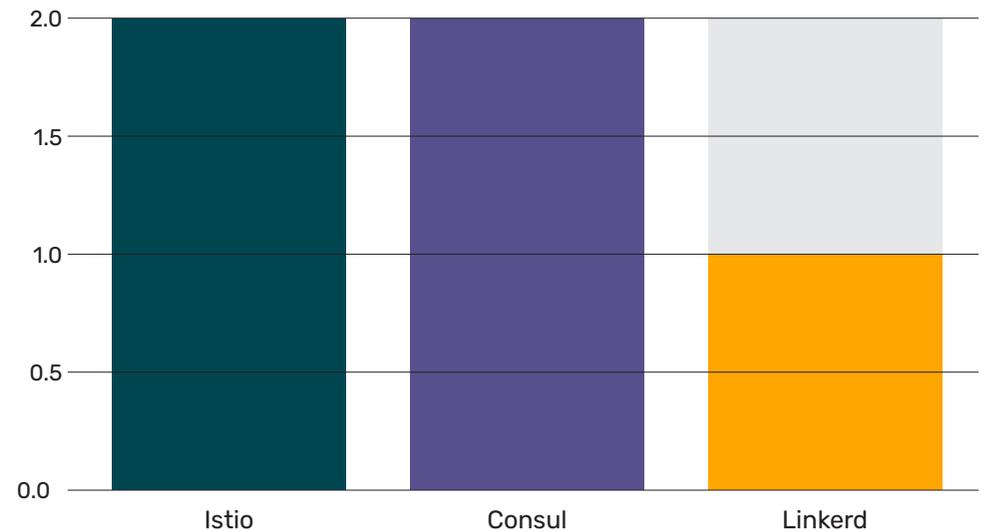
In Q1 2021, Python led the charts with 67% representation, with Go in second place and Java and Shell following suite.

Service meshes: is there a demand for such tools?

Still not very apparent.

Only 4% of the jobs have displayed or mentioned a requirement for service meshes.

Of these, Istio and Consul garnered two mentions each this quarter, with Linkerd being mentioned in one job listing:



Final Remarks

There was a lot of data mining here, and we hope you found some gold in the end!

Hopefully, this sheds some light on what companies look for when hiring a Kubernetes Engineer.

Did you like what you read?

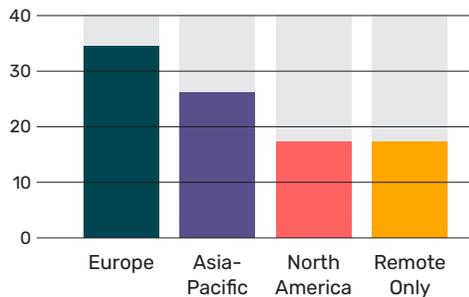
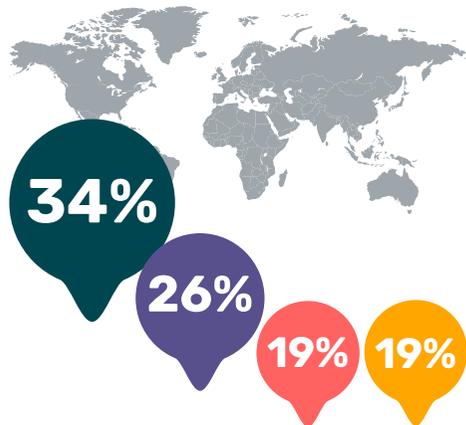
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Would you like us to include a new category?

Let us know!

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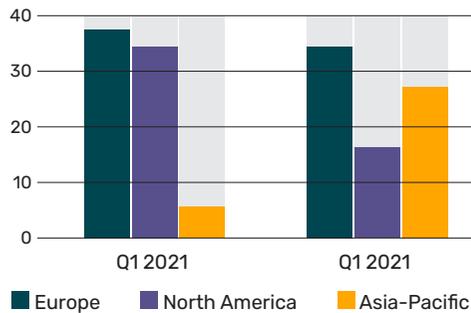
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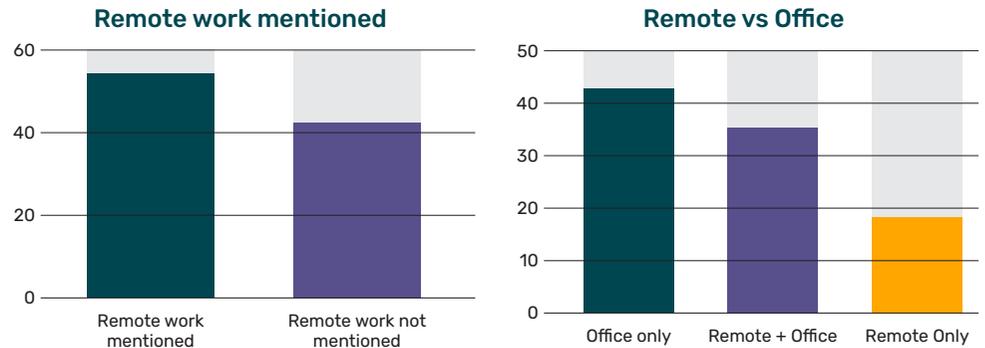
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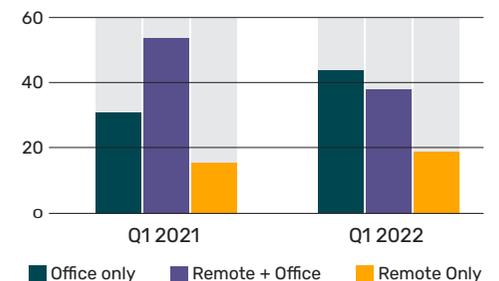
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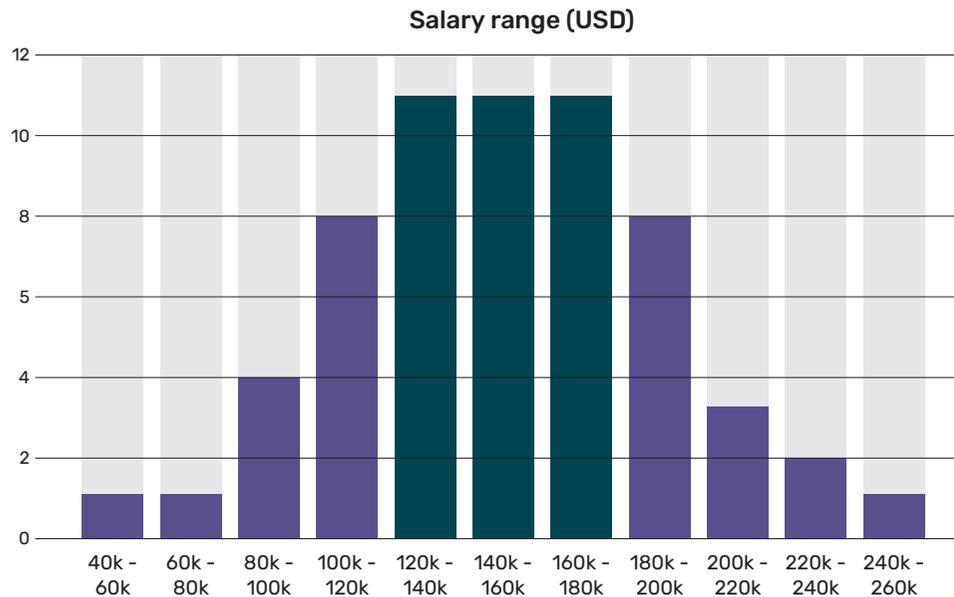


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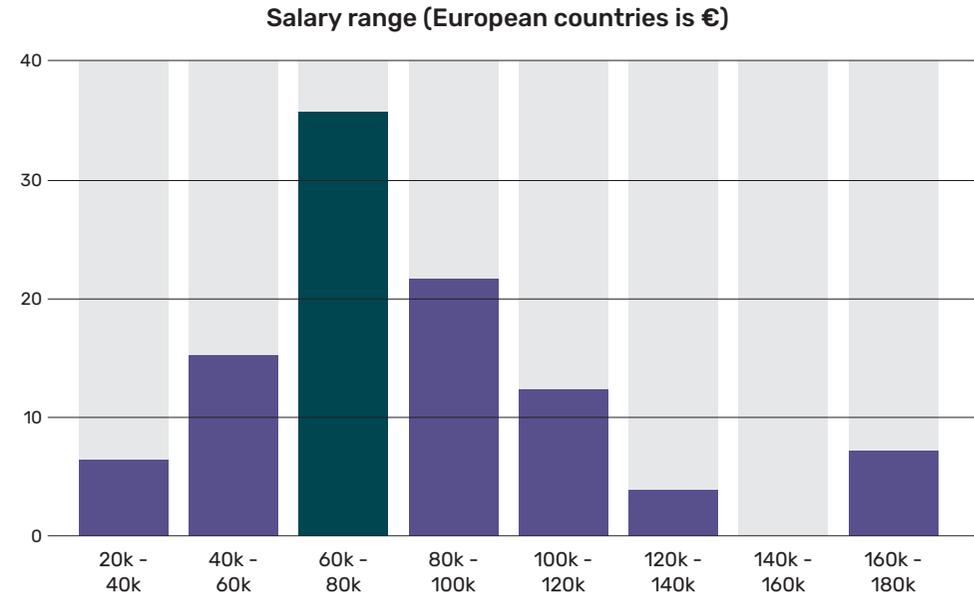


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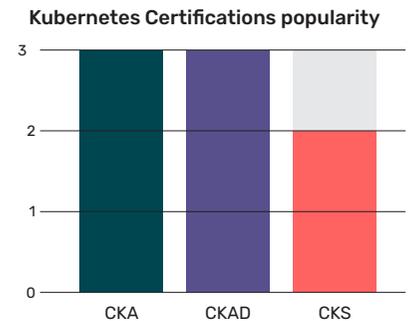
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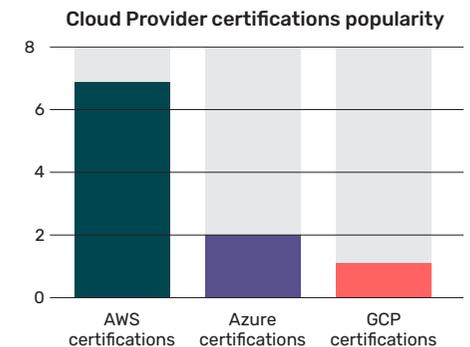
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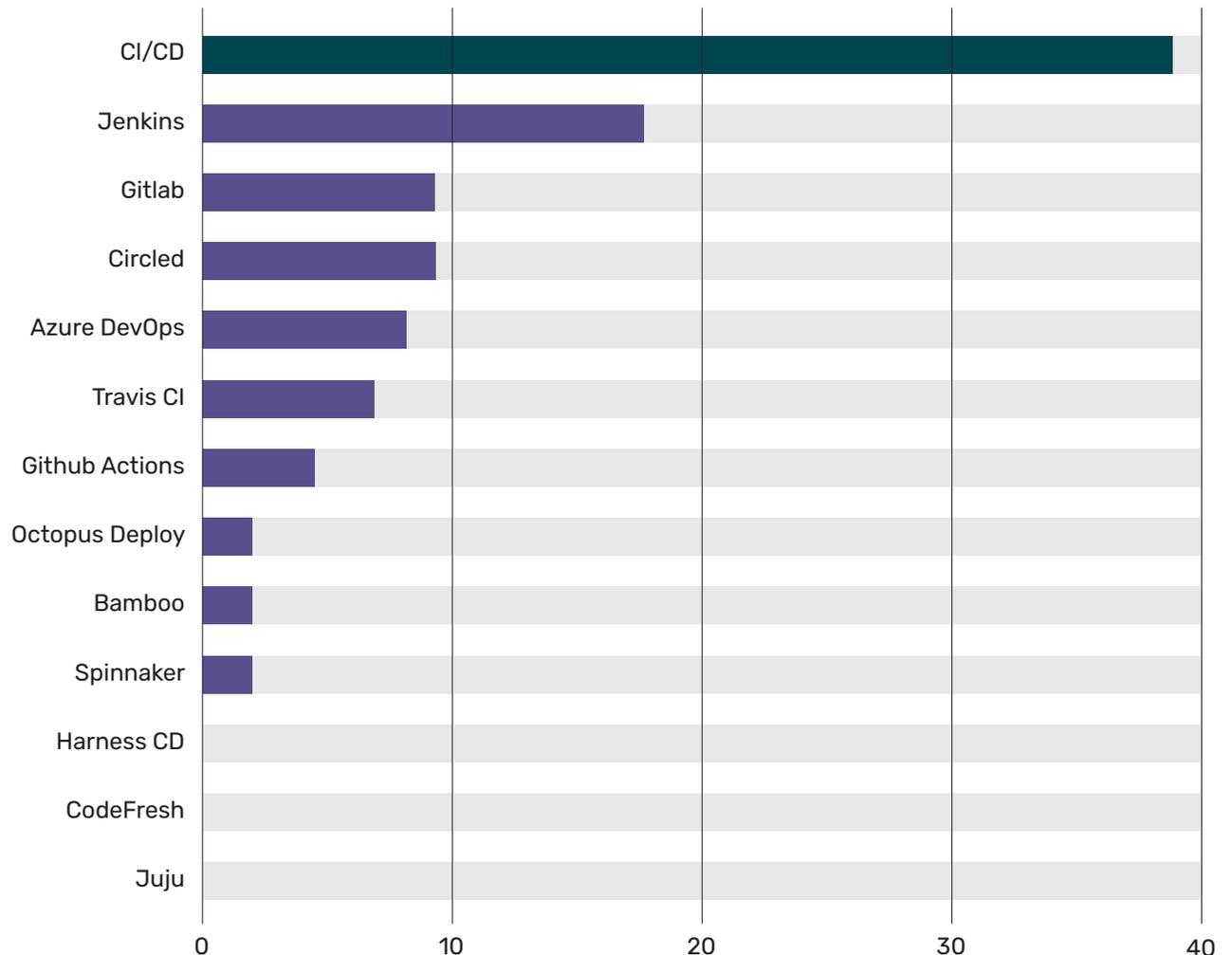
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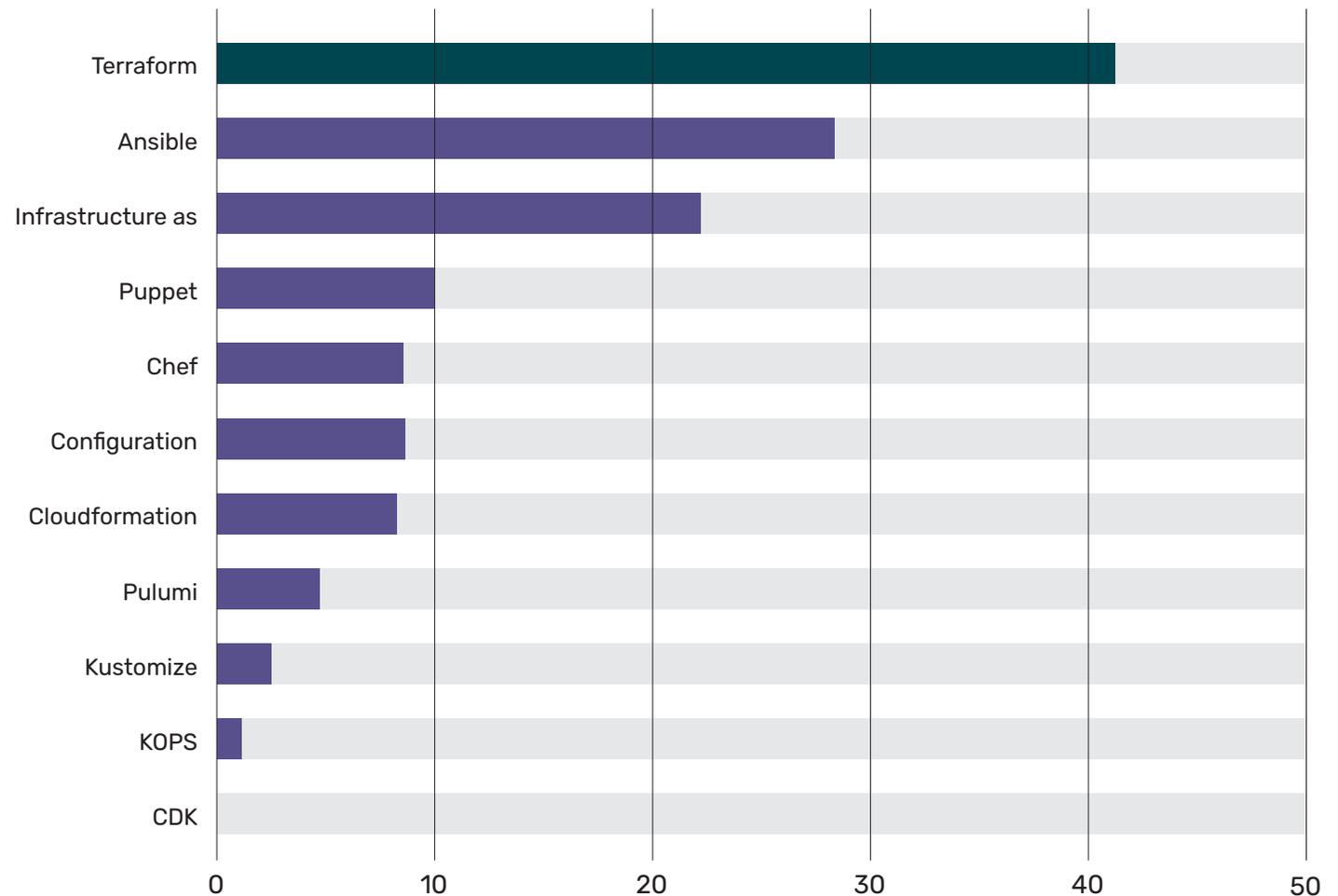
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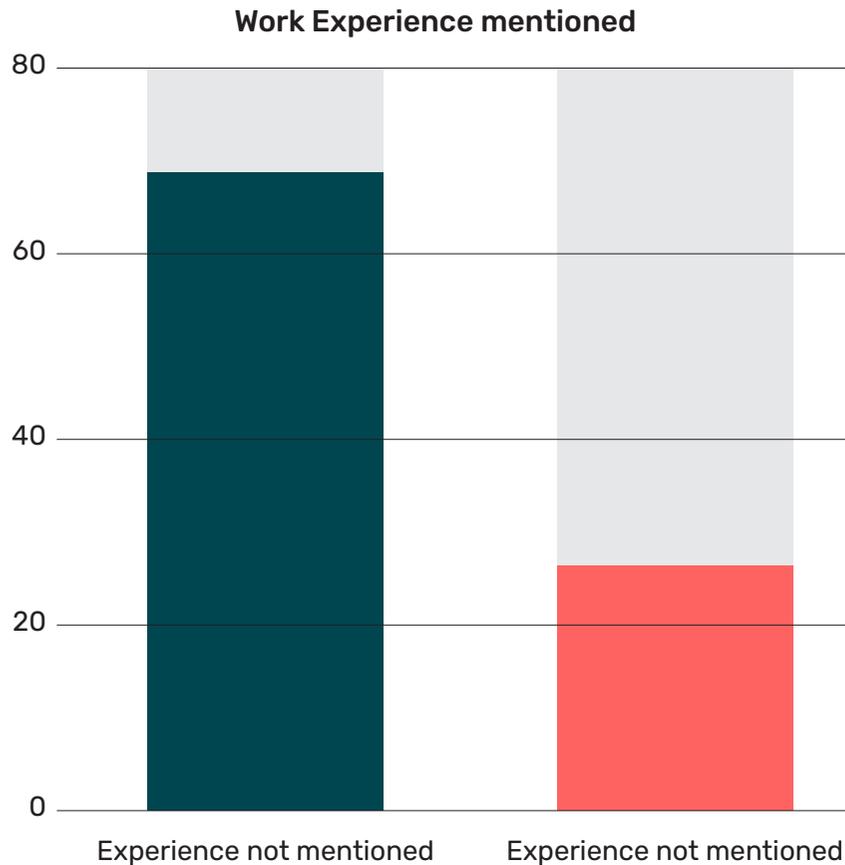
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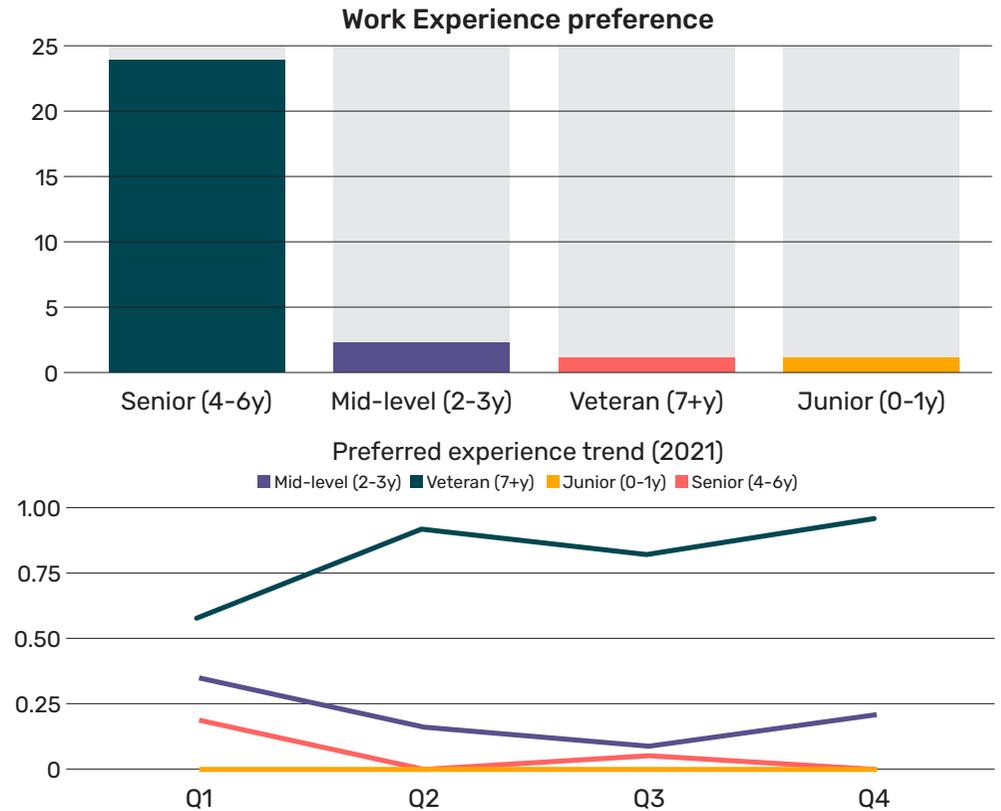


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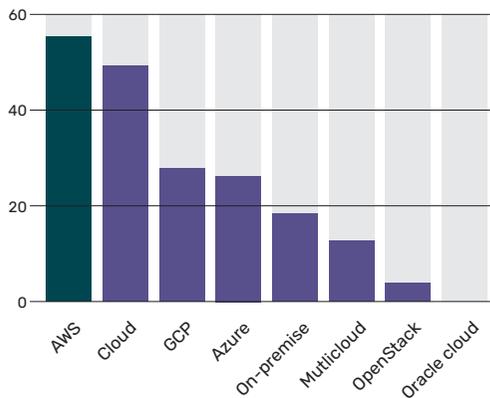
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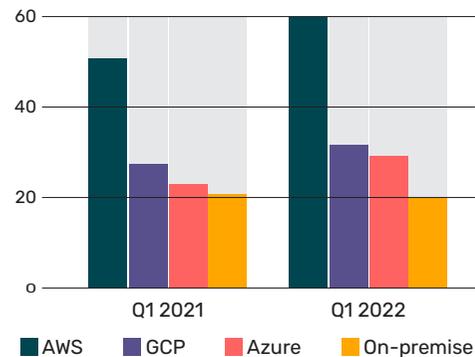
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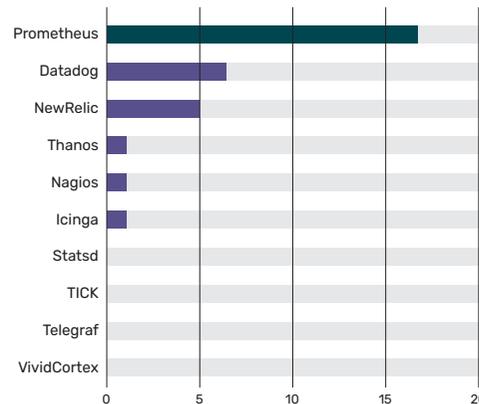
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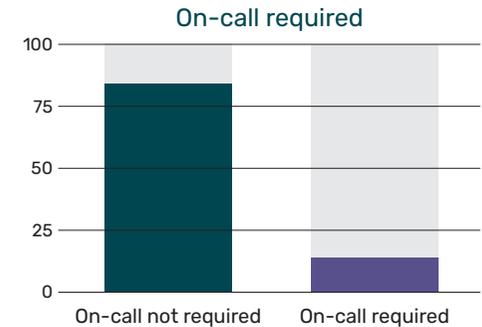
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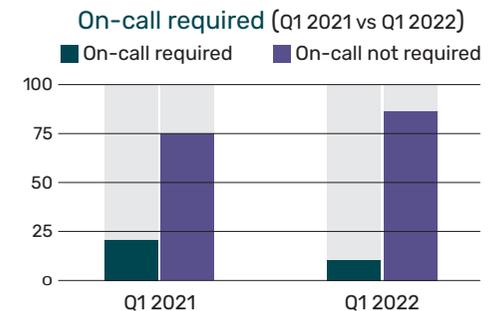
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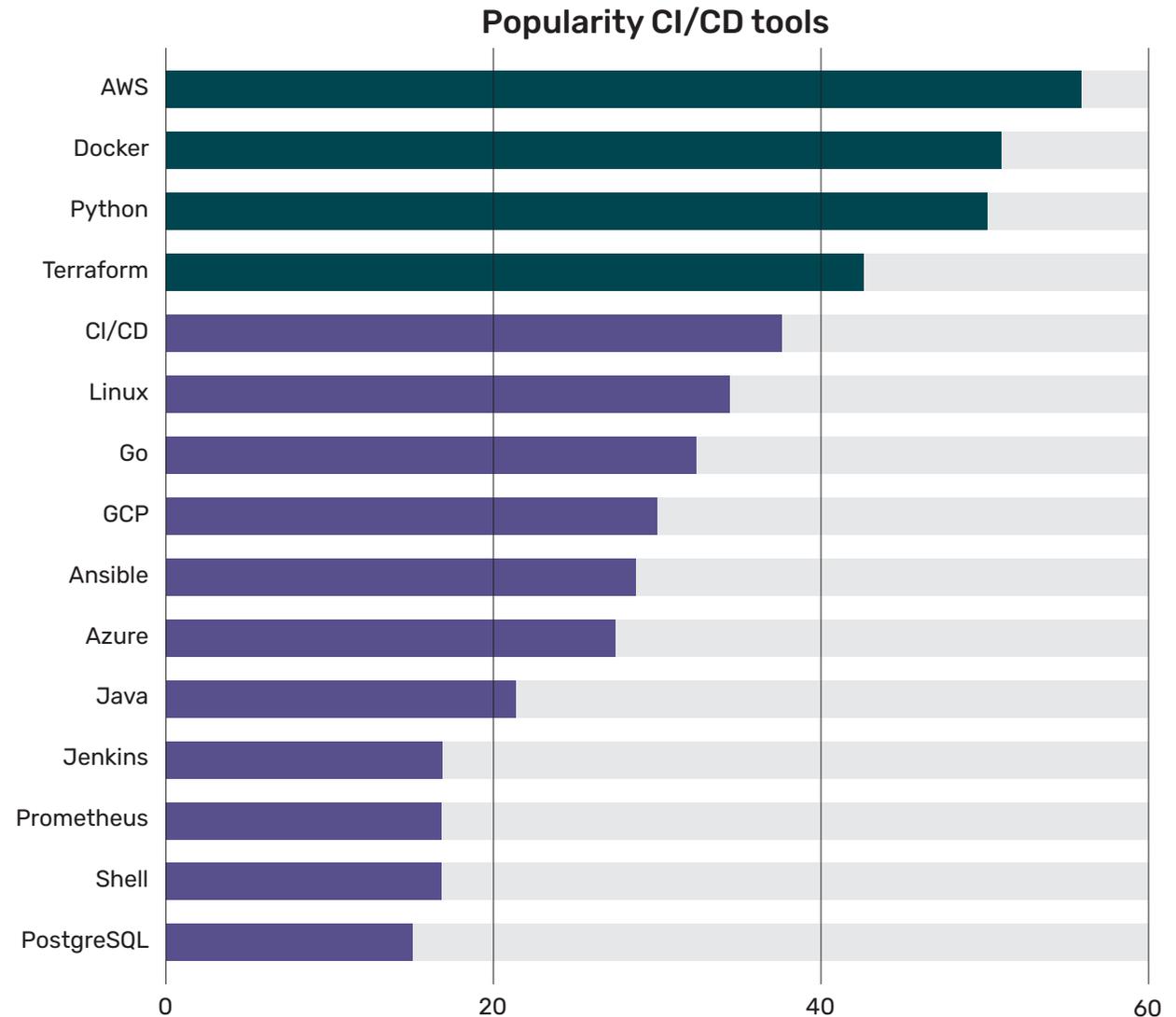
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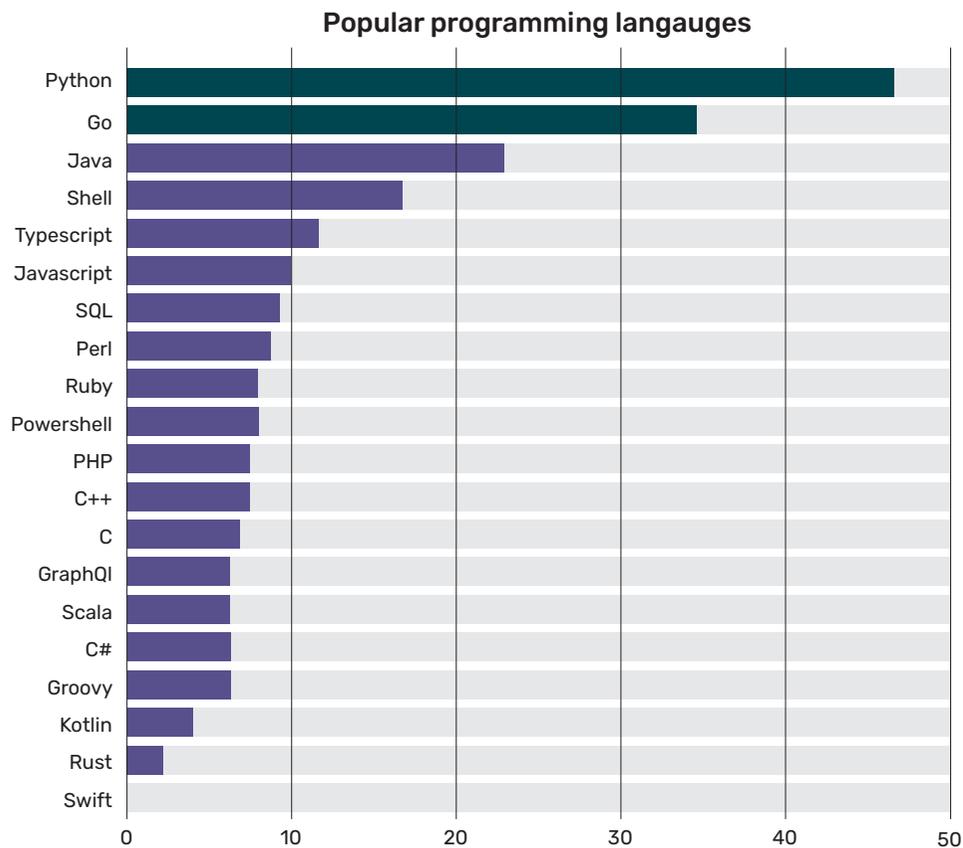


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Go comes in second at almost 44%.

Other frequently mentioned programming languages include Java, Shell, Typescript, and Javascript.



Has the trend been the same in Q1 2021?

Largely, yes.

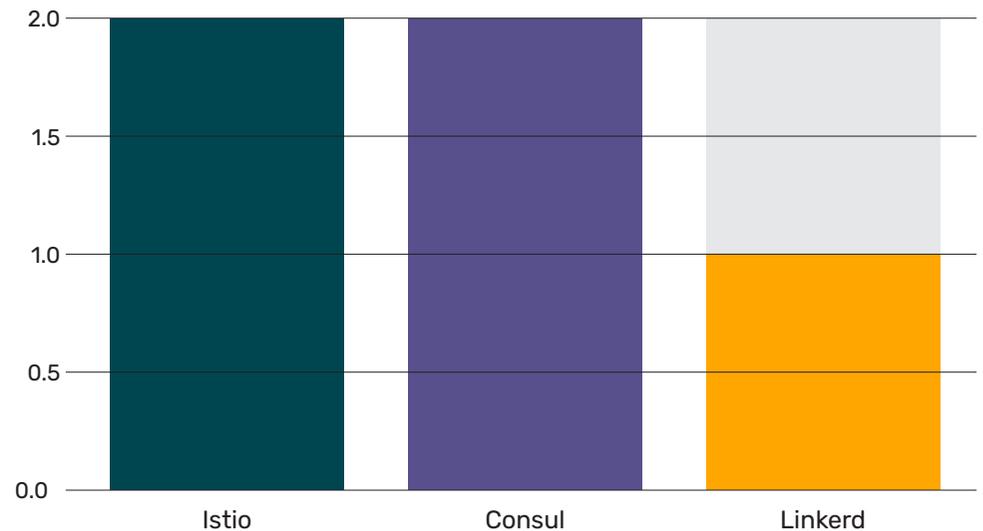
In Q1 2021, Python led the charts with 67% representation, with Go in second place and Java and Shell following suite.

Service meshes: is there a demand for such tools?

Still not very apparent.

Only 4% of the jobs have displayed or mentioned a requirement for service meshes.

Of these, Istio and Consul garnered two mentions each this quarter, with Linkerd being mentioned in one job listing:



Final Remarks

There was a lot of data mining here, and we hope you found some gold in the end!

Hopefully, this sheds some light on what companies look for when hiring a Kubernetes Engineer.

Did you like what you read?

Could it have been better?

Would you like us to include a new category?

Let us know!