

aws marketplace

CircleCI

Reviews, tips, and advice from real users



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Product Recap



CircleCI

CircleCI Recap

CircleCI is a continuous integration and delivery platform that automates software development, streamlining the process for engineers and developers. It's valued for its ability to enhance development speed while maintaining high software quality.

Known for its robust CI/CD capabilities, CircleCI supports a wide range of programming languages and integrations, allowing teams to build and deploy code with efficiency and reliability. Its flexibility and automation features help teams quickly adapt to changing project requirements. CircleCI's cloud-based architecture ensures scalability and accessibility, making it an attractive option for modern development environments.

What are CircleCI's key features?

- **Continuous Integration:** Automates code integration with testing to catch errors early.
- **Continuous Deployment:** Simplifies the process of deploying code to production environments.
- **Customizable Workflows:** Offers flexibility in defining build, test, and deployment stages.
- **Parallel Execution:** Speeds up builds by running multiple tasks at once.
- **VCS Integration:** Seamlessly integrates with platforms like GitHub and Bitbucket.

What benefits can users expect when using CircleCI?

- **Increased Efficiency:** Streamlines development workflows, reducing the time to market.
- **Improved Code Quality:** Early error detection through automation increases overall quality.
- **Scalability:** Ability to handle growing workloads as development needs evolve.
- **Enhanced Collaboration:** Facilitates teamwork through shared visibility and control over development processes.

In tech-driven industries, CircleCI enables efficient software development pipelines. Its ability to run automated tests and manage deployments effectively is particularly beneficial in fast-paced, innovation-driven fields like fintech, mobile app development, and SaaS platforms. Offering tools that meet high-demand environments, it supports teams in delivering timely and quality software products.

Valuable Features

Excerpts from real customer reviews on PeerSpot:

- ✓ “CircleCI is an amazing tool; it is fast, modern, and integrates with most systems, whether repositories or notification systems.”



Rishabh Singh

Senior Technical Consultant UI at Adobe

- ✓ “CircleCI has positively impacted my organization with faster time to market, improved software quality, cost efficiency, and increased developer productivity.”



Rajeshk Kumar Nayak

Open Shift Engineer at Dhanyaayai enterprise private limited

- ✓ “CircleCI has positively impacted our organization by allowing us to improve our workflow and making parts of DevOps easier.”



Adrian Gaborek

Software Engineer at a tech services company with 51-200 employees

- ✔ “Running parallel jobs where dev gets automatically updated every time has helped our team significantly.”



Manas Kashyap

DevOps Engineer at Elevenxcapital

- ✔ “CircleCI has positively impacted my organization by bringing in faster deployments, which means we can release faster, receive quicker feedback, and enhance collaboration and communication across the entire team.”



RishooMittal

Managing Technical Consultant - Solution Architect at NTT DATA

- ✔ “CircleCI has positively impacted the organization, as it has been used for many years and serves as the main source for application deployment.”



Verified user

SRE coordinator at a financial services firm with 201-500 employees

- ✔ “CircleCI has positively impacted my organization by allowing us to build quicker and do things quicker.”



Ivan Karpenko

SRE at Akamai

What users had to say about valuable features:

“The best features CircleCI offers are probably the modules, which have great extendability. I use the modules or extendability in CircleCI primarily for classic pushes to AWS, and those include registry sign-ons and other cases.

“CircleCI has positively impacted my organization by allowing us to build quicker and do things quicker. It does the job really well. These extensions are called Workflows. I have used some AWS Workflows, and there are multiple others.

“CircleCI helps you build and do things quicker. It is difficult to say if there were specific improvements, but there is general reliability and probably improvements overall..”

Ivan Karpenko

SRE at Akamai

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“The best features CircleCI offers are its ease of use, YAML-based configuration, maintenance-free operation as a software as a service platform, and good speed.

The YAML configuration and maintenance-free setup in CircleCI help me daily because it uses a very straightforward YAML-based configuration, allowing us not to worry about other programming languages, and it has a very low entry barrier, making it helpful for all developers.

CircleCI helps with faster time to market and improved productivity by automating testing and deployments, which allows for frequent and reliable software releases and application deployments. From a developer productivity point of view, developers spend much less time on build troubleshooting and more time writing code due to its very simple YAML language, which is a human-readable language.

CircleCI has positively impacted my organization with faster time to market, improved software quality, cost efficiency, and increased developer productivity..”

Rajeshk Kumar Nayak

Open Shift Engineer at Dhanyaayai enterprise private limited

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“Automation and continuous integration is one of the best aspects I appreciate. The development process is smooth in terms of its integration. CircleCI can integrate with GitHub, Bitbucket, and other repositories, which makes it incredibly powerful and an amazing tool to work with.

“Previously, we had the entire pipeline using a manual process. Whenever there was a deployment, we had to call our DevOps team to trigger and deploy the build and verify it. If there was a failure, we were notified manually. Now everything has been automated from the code in our repository to the environment. If there are any issues or successes, we get notifications to Slack, which is remarkable.

“It saves a lot of time and works fast once the setup is done. The pipeline is created once and then it is available indefinitely unless specific modifications are needed. We receive notifications quickly regarding the previous build status, logs, and what failed or succeeded. This completely eliminates the manual effort of deploying our application from our GitHub repository to the EC2 instance on AWS..”

Rishabh Singh

Senior Technical Consultant UI at Adobe

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“The best feature CircleCI offers is orbs, which are reusable configuration packages that can be reused. Instead of writing hundreds of lines of code to connect to AWS, we just use an orb for that and provide the correct information there. Aside from that, I appreciate the caching on the Docker layer. CircleCI is built for Docker, which we use, and this cache speeds up build times because it only rebuilds parts of the Docker images that actually changed.

Orbs allow us to not reinvent the wheel, and there are many existing orbs in the registry, so we usually check that before writing our own scripts. I also value SSH debugging, because when the build fails, I can SSH into the container to see exactly what went wrong. This saves us hours of guesswork.

CircleCI has positively impacted our organization by allowing us to improve our workflow and making parts of DevOps easier. It has made the application better by augmenting our speed of software delivery. We are faster to market, and it is easier to test on the UAT environment and later in production. CircleCI ensures that the code is of higher quality because we can apply tests, run static code analyzers, and catch bugs before they reach the customer. It also removes the boring parts of software engineering, allowing developers to focus on what matters—building things instead of working on routine tasks..”

Adrian Gaborek

Software Engineer at a tech services company with 51-200 employees

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“In my opinion, the best features CircleCI offers include integrations with different tools such as GitHub and other version control tools, the ability to write or integrate your code with different platforms, the option to write your own testing, and the capability to create multi-staging pipelines and single-stage pipelines with jobs.

“CircleCI's integration with GitHub and other platforms has helped my workflow by allowing me to integrate with CircleCI if my code is on GitHub or on different version control tools such as AWS GitHub or AWS version control tools. With the multi-stage pipeline, I can run my pipeline in a parallel manner, and for custom jobs, I can create and run ad-hoc jobs.

“The multi-stage pipeline, custom job pipeline, and the integration with GitHub stand out most to me.

“CircleCI has impacted my organization positively by removing most of our manual effort and human effort, increasing speed, and removing human error, which has improved our workflow, speed, and efficiency..”

Verified user

Cloud Engineering and Automation Engineer at a tech vendor with 51-200 employees

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“The best feature about CircleCI is running multiple jobs in parallel. We do not have to maintain anything, as there is no server maintenance required. It starts building in minutes and has easy, excellent container support, as well as faster pipeline deployments, easy PR-based pipelines, deep integration with GitHub and GitLab that we have wanted, and no need to manage agents manually.

Running parallel jobs where dev gets automatically updated every time has helped our team significantly. We have that running with test cases executing as well as sometimes a module that has a backend and frontend with both codes inside it. Different parallel jobs are running, executing, and checking those for different multiple test cases. An ECR build is running on the multiple sides of it, creating the Docker image. If one of those parallel jobs fails, then the other automatically gets failed. It saves a lot of time to do those things.

There is no need to manage agents manually, and no server maintenance is required, as this is a SaaS model, so it is quite easy.

CircleCI starts building in minutes, and there is no need to manage agents manually, as well as it has excellent container support, can run multiple jobs, and speeds up the CI/CD significantly. It has helped us a lot.

I see faster deployment times as an outcome. Not reduced cost because it is costly, but definitely faster deployment times, as it is a parallel-based solution.

Time saved is one of the things that we have observed. We have saved a lot of time.

CircleCI is quite stable.

CI/CD is quite scalable. It is highly scalable, as it is not on our system, so we do not need to take care of the runners as well..”

Manas Kashyap

DevOps Engineer at Elevenxcapital

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Other Solutions Considered

“Before choosing CircleCI, I evaluated other options including Jenkins. CircleCI is a good solution, and after evaluating other internal options, we chose to use CircleCI..”

Verified user

Cloud Engineering and Automation Engineer at a tech vendor with 51-200 employees

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“At my company, we do not use a different solution because that is what we have. We also have the alternative SVN, which I do not prefer, or SVN with Jenkins, which I also do not prefer. However, I have used GitHub Actions and Azure DevOps pipelines, and both were also quite nice..”

Adrian Gaborek

Software Engineer at a tech services company with 51-200 employees

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“We used Jenkins earlier and it seemed difficult in terms of integration. The UI was outdated. We had to switch from older systems to new ones, and CircleCI emerged as one of the best options to integrate.

“CircleCI was recommended and we knew it was effective. Jenkins is what we switched from..”

Rishabh Singh

Senior Technical Consultant UI at Adobe

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“Before, I was using Jenkins to see how it would perform, but CircleCI is more user-friendly and provides better structure and collaboration, which is why we chose CircleCI.

“CircleCI compares favorably to other CI/CD tools I have used before, such as Jenkins or GitLab CI. Those tools are not as user-friendly, whereas CircleCI is user-friendly, good to use, and easy to use..”

Verified user

Cloud Engineering and Automation Engineer at a tech vendor with 51-200 employees

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ROI

Real user quotes about their ROI:

“I have seen a return on investment with CircleCI, as it saves money and time, requires fewer employees because it automates deployments easily, and enables us to complete all development tasks in much less time with limited employees..”

Rajeshk Kumar Nayak

Open Shift Engineer at Dhanyaayai enterprise private limited

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“Time has certainly been saved in terms of reducing the manual effort of building and deploying. Regarding money, CircleCI came at a lower price than the products we had earlier. However, I do not have specific metrics because the sales team and purchase team handled that matter. As a developer, I did not go through the licensing and purchasing process..”

Rishabh Singh

Senior Technical Consultant UI at Adobe

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“I have seen a return on investment as fewer employees are needed, and our time is saved.

“Before we were using CircleCI, deploying and setting up architecture or deploying an application for our customers took one or two days, but using CircleCI, it only takes around half a day, so it has improved significantly..”

Verified user

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Cloud Engineering and Automation Engineer at a tech vendor with 51-200 employees

“The metrics I can share are about cost per build and developer wait time. Build times are much faster now and run faster than other pipelines. For example, if our team of developers waits 20 minutes for a build three times a day, that saves us one hour per worker. With five workers in the team, we save five hours a day, and that is a lot of money because software developers earn significant salaries. CircleCI pays itself off because of that. It also has a credit system, so you pay for what you use, making it way cheaper than having a dedicated server running 24/7. It is only built for use, which is beneficial..”

Adrian Gaborek

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Software Engineer at a tech services company with 51-200 employees

Use Case

“My main use case for CircleCI is automated software delivery. When we push code to a repository, CircleCI builds the application, runs the tests, and deploys the code to a staging or production environment. This is the only use case we have for CircleCI..”

Adrian Gaborek

Software Engineer at a tech services company with 51-200 employees

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“My main use case for CircleCI is creating a pipeline for continuous integration and continuous delivery, which is a CI/CD pipeline.

“A specific example of how I use CircleCI for my pipelines is deploying infrastructures and applications for customers. I have also completed one integration project using CircleCI where I automated the customer onboarding process to remove manual effort..”

Verified user

Cloud Engineering and Automation Engineer at a tech vendor with 51-200 employees

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“My main use case for CircleCI involves different CI capabilities, mostly building containers and general applications. I use CircleCI for building containers and applications, specifically for our GoLang application. We have an ECS application written in GoLang which runs scans against the infrastructure. Regardless, it is completely built and managed. The configs are also stored in Bitbucket, and CircleCI is connected to it, running all the builds, processes, and deployment in the end to the ECS..”

Ivan Karpenko

SRE at Akamai

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“I have used CircleCI for my organization's website to build an automation pipeline for deploying our code from GitHub to our environment.

“We integrated our environment variables into CircleCI, which get injected into our code. Whenever there is a new commit into our main branch, it triggers an action which CircleCI listens to. CircleCI builds our application in the background, injecting the environment variables which we have provided. After the bundle is created successfully, it deploys to an AWS EC2 instance. If there is a failure, it sends a notification to our Slack..”

Rishabh Singh

Senior Technical Consultant UI at Adobe

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“My main use cases for CircleCI include automated testing, CI, continuous development, mobile app development, microservices orchestrations, and DevSecOps use cases.

We use CircleCI to build and deploy microservices on Kubernetes and OpenShift platforms, where we run unit tests, integration tests, and linting on every commit as part of our CI process. We also use it for continuous deployment, automating the deployment to different platforms such as AWS, GCP, Azure, as well as Kubernetes clusters.

For our primary use case with CircleCI, we handle complex pipelines with multiple repositories and dependencies in microservice orchestrations..”

Rajeshk Kumar Nayak

Open Shift Engineer at Dhanyaayai enterprise private limited

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“I have been using CircleCI for the past four years.

CircleCI is mainly used for creating Docker images and deploying them into the Kubernetes environment that we have.

We have three branches: dev, staging, and pre-prod. Whenever there is any code that goes into the dev branch, it gets automatically triggered via CircleCI. It creates the ECR image for multi-architecture and pushes it into the ECR. After that, it performs a kubectl rollout status for that. For three different tags including staging and dev, we have different environments, and different tags are pushed to it, with codes pushed to the different ECRs that we have.

It gets triggered automatically by code changes, so it is quite easy, and we have configured YAML for it. Notifications come to our Slack whenever there is any code pushed or something on our page..”

Manas Kashyap

DevOps Engineer at Elevenxcapital

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Setup

The setup process involves configuring and preparing the product or service for use, which may include tasks such as installation, account creation, initial configuration, and troubleshooting any issues that may arise. Below you can find real user quotes about the setup process.

“The initial setup was straightforward in that it required a simple .yaml file where we specify the sequence of steps for building and integration. Also, the scripts to store artifacts was intuitive..”

Verified user

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Full Stack Bot Engineer with 1,001-5,000 employees

The most challenging aspect during the initial setup of CircleCI in my organization was understanding how to create and implement our pipelines effectively. Although there is good documentation, determining the importance of various components for building and deploying from CircleCI to our AWS infrastructure to achieve faster deployments and feedback was initially not straightforward.

RishooMittal

[Read full review](#) 

Managing Technical Consultant - Solution Architect at NTT DATA

Customer Service and Support

“Customer support is amazing. Whenever we have had issues with initial setup or questions, both the customer support and technical support teams have been excellent..”

Rishabh Singh

Senior Technical Consultant UI at Adobe

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“The documentation provided is quite understandable by the developers and the integration team. So, it's self-sufficient and enables us to understand. So we didn't need to reach out for support..”

Mritunjay Kumar

Senior Engineer at Affinidi

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“To be honest, I really didn't find a need to contact their technical support, partly because our product is simple and easy to configure. We didn't encounter issues that we had to report to their tech support. We could find most of the answers on their Help portal..”

Verified user

Full Stack Bot Engineer with 1,001-5,000 employees

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“Customer support is highly worth it for the money that is there.

I would rate the customer support a ten out of ten, as they take money but provide the best customer support..”

Manas Kashyap

DevOps Engineer at Elevenxcapital

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Other Advice

“My advice for others looking into using CircleCI is that if anyone is using it for their CI/CD needs and wants good performance, they should definitely use CircleCI. I gave this product a rating of 8.5 based on my overall experience..”

Rajeshk Kumar Nayak

Open Shift Engineer at Dhanyaayai enterprise private limited

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“My advice to others looking into using CircleCI is to just not get overwhelmed by the complexity, particularly the config complexity. Just try to learn it, as now AI tools will definitely be there to help you out. Start using it, and once you get used to it, ask them to have a conversation over the pricing aspect..”

Manas Kashyap

DevOps Engineer at Elevenxcapital

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“My advice to others looking into using CircleCI is to use it if you want to collaborate with multiple teams and prefer structured, user-friendly solutions with more integrations with tools. CircleCI is a perfect solution for multi-staging and jobs. Regarding compliance or regulatory requirements in my organization, we are not currently focusing on that area, so I am not aware of those concerns. I would rate CircleCI an eight out of ten overall..”

Verified user

Cloud Engineering and Automation Engineer at a tech vendor with 51-200 employees

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I really appreciate the good speed, which is faster and definitely the most important feature for me.

To ensure that security and compliance requirements are met while using CircleCI, we utilize restricted contexts for secrets along with short-lived credentials. We follow some regulatory guidelines, ensuring that every job runs in an isolated environment, either in a [Docker](#) container or a virtual machine. Furthermore, we maintain secret rotation and use secure API tokens while implementing appropriate access controls.

“I rate this product six out of ten. .”

RishooMittal

Managing Technical Consultant - Solution Architect at NTT DATA

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“I would advise others looking into using CircleCI to optimize YAML files. It is good to spend some time learning how to use caching and workspaces early on. If not used from the beginning, you will waste a lot of money on redundant credits. Use orbs, and do not reinvent the wheel. If something is already available, there is no

need to do it from scratch, especially for [AWS](#) or integrations with Slack. Set up monitoring for credits by setting up mail alerts when it reaches 90% of your credit limit, so you are not surprised by the bill. Consider starting with the free tier, and once you reach the limit, update to a paid plan.

CircleCI is a leading continuous integration and delivery platform, and I would really recommend it. I consider it a gold standard for DevOps, especially if you prioritize speed. I would rate this product a nine out of ten..”

Adrian Gaborek

Software Engineer at a tech services company with 51-200 employees

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“CircleCI is an amazing tool. It is fast, modern, and integrates with most systems, whether repositories or notification systems.

“CircleCI is a very powerful tool and you should at least try it once to see how powerful, amazing, and fast it is.

“I believe CircleCI is one of the best platforms in its category due to how amazing, fast, and scalable it is.

“This review process represents one of the most modern technical ways of gathering feedback. I gave this product a rating of nine out of ten..”

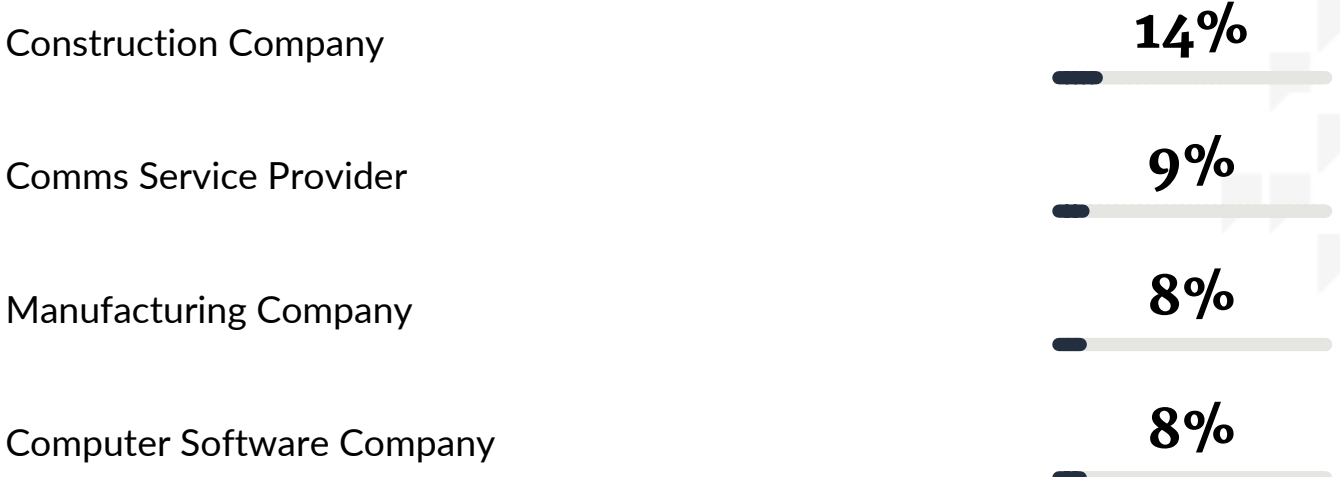
Rishabh Singh

Senior Technical Consultant UI at Adobe

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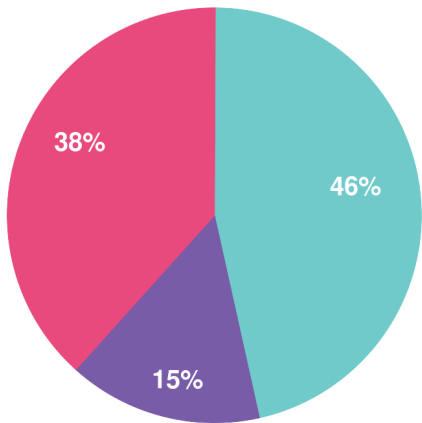
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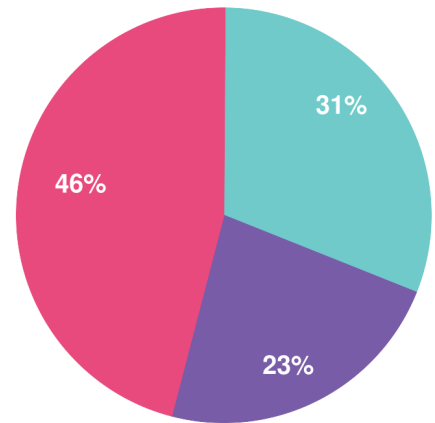


Company Size

by reviewers



by visitors reading reviews



Large Enterprise Midsize Enterprise Small Business

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