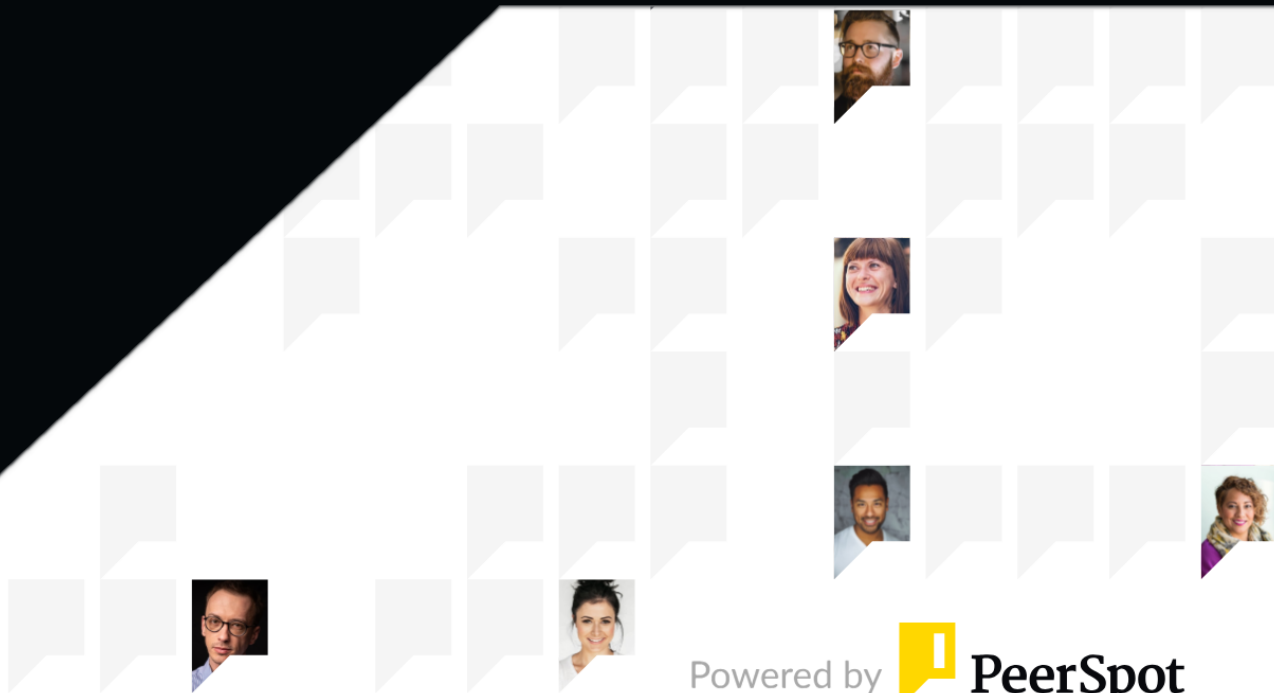




Percona Server

Reviews, tips, and advice from real users



Powered by  **PeerSpot**

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Product Recap



Percona Server

Percona Server Recap

Percona Server is a MySQL alternative offering improved performance and scalability for databases used in demanding environments. It is tailored for companies requiring reliable data management, ensuring efficiency and flexibility in operations.

Percona Server enhances MySQL with numerous features that boost database performance, making it suitable for large-scale deployments. Known for its ability to handle heavy workloads, users count on Percona Server to maintain operational consistency even under significant demand. Its security and compatibility with MySQL are additional benefits, providing a seamless transition for existing MySQL users. Organizations focused on cost-efficiency and high performance often consider Percona Server as a strong, open-source solution.

What are Percona Server's features?

- **Advanced Scalability:** Supports large deployments with ease.
- **Enhanced Security:** Offers improved security measures for data protection.
- **High Availability:** Ensures continuous operation with minimal downtime.
- **Performance Optimization:** Increases efficiency in data processing.

What benefits should users look for in reviews?

- **Cost Efficiency:** Provides a cost-effective alternative to other database systems.
- **Reliability:** Ensures stable performance for critical database applications.
- **Community Support:** Benefits from a comprehensive and active user community.

In industries such as e-commerce, telecommunication, and finance, Percona Server is implemented to maintain high transaction volumes and ensure robust data security. Its utility in managing complex database demands makes it a preferred choice in sectors where data integrity and performance are crucial.

Valuable Features

Excerpts from real customer reviews on PeerSpot:



“After switching to Percona Server, we were able to resolve those issues quickly.”



Pieter Geelen

Freelancer at geelen.io



“Percona Server's scalability is very strong, as it features thread pooling for over 10,000 connections, scales out horizontally, and comes with XtraDB Cluster and ProxySQL, making it very effective.”



Aidan McCarthy

Principal Data Infrastructure Engineer at Susquehanna International Group



“Percona Server has positively impacted my organization primarily by helping with uptime a lot, as I support a lot of applications and a lot of servers, and it ensures that our services are well monitored.”



Femi Adeyemi

Senior Team Lead Systems Administrator at a comms service provider with 51-200 employees



“I consider Percona Server to be MySQL Enterprise on steroids without licensing fees or restrictions, and it performs exceptionally well.”



PRASHANTNAGARAJ

IT Manager at a tech vendor with 1,001-5,000 employees



“Percona Server has positively impacted my organization by allowing us to save a ton of money by not having to use RDS or Aurora in Amazon, which is the public cloud that we are in.”



Mthomas Thomas

Director of Project Services at a consultancy with 1-10 employees



“Percona Server's performance when handling large data sets was significant compared to regular MySQL, and it was excellent.”



Shimi Moldawskiy

Team Lead



“Percona Server has positively impacted my organization by reducing downtime for applications and improving backup capabilities.”



Frederico De Almeida

Senior Infrastructure Analyst at Embratur

What users had to say about valuable features:

“The best feature that Percona Server offers is that it was free. Additionally, the best feature is that it's easy to configure. The ease of configuration stood out to me because the installation was easy and connecting to it was straightforward. The performance of Percona Server was acceptable, which positively impacted my organization even during the testing phase..”

Sam Van Kerckhoven

Founder at Mantics

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“Percona Server offers features that make it function as an enterprise version for MySQL, providing audit logging, thread pooling, and slow query logging, along with extra information schema tables. In general, it has improved significantly when handling large volumes and high concurrency connections compared to regular MySQL.

Percona Server has positively impacted my organization because in cases of high concurrency connection spikes, it really managed to tackle those connections and queries, and it also provided useful features such as audit logging.

From using Percona Server, we observed fast processing..”

Shimi Moldawskiy

Team Lead

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“The best features of Percona Server that I have experienced are its MySQL compatibility, which is probably the most important advantage for us, performance visibility, backup capabilities, and the open-source model.

“The SQL compatibility and open-source model of Percona Server have been valuable for my team because it is designed as a drop-in replacement for MySQL, allowing us to avoid redesigning our application simply to obtain additional database capabilities, as we heavily use MySQL-dependent applications. With the open-source model, I also value the fact that Percona Server remains open source and does not require us to move to a proprietary database platform to obtain additional enterprise-oriented functionality.

“Percona Server has positively impacted my organization by improving many areas, as it has reduced database licensing concerns, allowing us to now operate as an enhanced MySQL environment without moving to a proprietary database platform. It has better troubleshooting, improved backup operations that now play an important role, and greater infrastructure visibility..”

PrinceKumar7

Cloud Engineer at a computer software company with 501-1,000 employees

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“Percona Server offers outstanding features, including the ability to adjust query performance, table performance, and optimize every aspect including handling of primary and secondary keys, sharding, and partitioning techniques. Percona Toolkit provides great archival checksum mechanisms and replication setups.

“Sharding techniques have been beneficial in our application setups because we accumulate about ten thousand vehicles' data every five minutes, which is a huge amount, incurring between five hundred gigabytes to one terabyte of data. We derive sharding based on customer nomenclature into zones and use archival processes to commit to our customers that we will keep approximately thirty-three days of data, archiving the rest for on-demand requests. This combination of sharding and archival makes our lives easier with Percona Server, ensuring that only relevant live data from previous and current periods is accessible for our customers to act on and generate analytics.

“I would like to highlight that we use almost all features of Percona Server, including replication, HA replications, primary key lookups, and its operation on XFS, which prompts tuning. Percona Server's query optimizer and tuning capabilities are superb, so any feature we take is exceptional..”

PRASHANTNAGARAJ

IT Manager at a tech vendor with 1,001-5,000 employees

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“The best features that Percona Server offers include monitoring the nodes and databases, and giving me insight into the application, as I use MariaDB and Postgres, and Percona Server is quite helpful to ensure that servers are running very well.

“Percona Server has positively impacted my organization primarily by helping with uptime a lot, as I support a lot of applications and a lot of servers, and it ensures that our services are well monitored. Whenever there is an issue, Percona Server notifies us, and we resolve the issue immediately.

“I can share specific outcomes or metrics; when I use Percona Server, issues on the network are reduced, and before I had Percona Server as monitoring, I noticed that customers had downtime, and then they wouldn't get back to me. However, with Percona Server, immediately when I have issues, it notifies me, and I resolve the issue or manage it. Percona Server has been a very helpful and useful resource in the enterprise.

“Percona Server is a very good stable application, and I think for now, I don't have any additions. It's very good, very resourceful, and very useful..”

Femi Adeyemi

Senior Team Lead Systems Administrator at a comms service provider with 51-200 employees

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“Percona Server offers several best features including accessibility, performance, and the ability to scale. I appreciate that they have pre-built Docker containers, and their builds are always faster than the community.

“Out of accessibility, performance, scalability, and the pre-built Docker containers, I find the containers the most valuable in my day-to-day work as an architect because it makes it easy for me to get things set up to try new proof of concepts, to prove things out, and also to replicate issues in the field.

“The tools are another valuable feature of Percona Server.

“Percona Server has positively impacted my organization by allowing us to save a ton of money by not having to use RDS or Aurora in Amazon, which is the public cloud that we are in. We can run things either on-premises or in a private data center and it is the same, no matter where we go. The same configuration and everything applies. We just have to have the networking set up..”

Mthomas Thomas

Director of Project Services at a consultancy with 1-10 employees

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Other Solutions Considered

“I evaluated other options before choosing Percona Server. I conducted a Google search into other options and found Oracle, which was too expensive at that time..”

Sam Van Kerckhoven

Founder at Mantics

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MySQL Community Edition was previously used before switching to Percona Server to access extra features, including features from Percona toolkit and clustering capabilities without the high costs of MySQL Enterprise. Percona provides enterprise features at zero cost, such as audit logging, which is not available in the community version.

Aidan McCarthy

Principal Data Infrastructure Engineer at Susquehanna International Group

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“We initially struggled with getting MariaDB working, which took a team of six people several months. This was time wasted, whereas with Percona Server, once it is up and running, you really have to do very little..”

Pieter Geelen

Freelancer at geelen.io

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“We evaluated different solutions such as MariaDB and MySQL, but we only evaluated them without implementing them. Our experience with MariaDB was that it did not work for us..”

Pieter Geelen

Freelancer at geelen.io

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“I previously used FerretDB, but I think it is not mature enough, and we also considered CockroachDB.

Before choosing Percona Server, I did not really evaluate other options since developers are conservative people and once they use a NoSQL solution, they prefer MongoDB over all other options. .”

Verified user

Devops at a tech company

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ROI

Real user quotes about their ROI:

“I have seen a return on investment from using Percona Server, especially in terms of time, as time to resolve issues and time to get notified mean that time is a lot of money..”

Femi Adeyemi

Senior Team Lead Systems Administrator at a comms service provider with 51-200 employees

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“I have indeed seen a return on investment. The time and cost savings have allowed us to upskill our employees instead of reducing staff, and the TCO has significantly improved. What was projected for a three-year hardware lifespan extended to five years, yielding a return on investment of more than two times from migrating from MySQL to Percona Server..”

PRASHANTNAGARAJ

IT Manager at a tech vendor with 1,001-5,000 employees

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Use Case

“My main use case for Percona Server is that I used it for my MySQL projects in production in a few different architectures, where we stored our meta information and saved our backups..”

Shimi Moldawskiy

Team Lead

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“My main use case for Percona Server is to monitor applications and databases to show that applications are running and that they're working very well, and the alerts have been very good and useful.

“I support a lot of applications, and a quick specific example of how I use Percona Server to monitor my databases or applications is that it catches downtime and lagging activity on the servers and databases, and it could tell me what is wrong, so I deal with it before it becomes an issue.

“That's what I use Percona Server for right now..”

Femi Adeyemi

Senior Team Lead Systems Administrator at a comms service provider with 51-200 employees

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“My main use case for Percona Server is for MySQL workloads where I need better visibility, performance tuning, better capabilities, backup capabilities, and operational control that I am not getting from standard MySQL deployment.

“One of the practical reasons I use Percona Server is the additional visibility it provides into MySQL performance, as I look at insights such as slow queries, query response time, server activity, database loads, connections, index uses, and resource utilizations. Percona Server provides additional instrumentation and slow query analysis capabilities, while Percona monitoring and management can provide deeper performance and query visibility..”

PrinceKumar7

Cloud Engineer at a computer software company with 501-1,000 employees

[Read full review](#) 

“My main use case for Percona Server is performance and data replication in private data centers.

“I use Percona Server for performance and data replication at one startup to do live replication of data in a Percona Server cluster, XtraDB cluster, to handle real-time 911 call information at one company, as well as the location information and CAD-related information.

“I recently worked with a startup that used Percona Server in Kubernetes clusters as our main use case, which was envisioned as a super app where all your messaging, whether Slack, Facebook, WhatsApp, or other platforms, could all route through one unique identifier, such as email or phone number, and everything would show up in a single dashboard. That particular project never took off, but we used Percona Server there..”

Mthomas Thomas

Director of Project Services at a consultancy with 1-10 employees

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“Percona Server serves as our main database server handling user information, real-time GPS coordinates at a 30-second interval, and functions as our GIS database, reporting database, and secondary to all our databases and applications.

“Percona Server fits into our workflow because we previously used MySQL, and when we discovered that Percona Server truly scales, it felt like MySQL on steroids. Percona Toolkit gives us an edge with open-source tools for real-time updates, understanding slow queries, and generating corrections if any problems arise with Percona Server, which usually does not happen. The setup of a multi-master, multi-slave configuration of Percona Server scales well and fits into any disaster recovery and business continuity plans, making the platform itself and its purpose exceptional..”

PRASHANTNAGARAJ

IT Manager at a tech vendor with 1,001-5,000 employees

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“My main use case for Percona Server was for an e-commerce platform, operating as a webshop. The customer had a migration underway where they wanted to move from a certain service provider to managing things themselves. They previously used MariaDB, which did not work, so we needed to move to MySQL, and Percona has a MySQL derivative that worked for us. The use case also involved running this within a Kubernetes cluster.

A specific example of how Percona Server was used in that e-commerce platform is that the state was managed through the database, and the entire hydration process occurred there as well. We had server-side rendering happening, and the client-side renders were hydrated through whatever lived in Percona Server database, which resulted in a huge amount of read operations. For redundancy and performance reasons, we worked with about three instances of Percona Server running to ensure that we got the read performance we needed. One issue was the contention and locking that occurred during write operations, and this is where I think Percona showcased that their system was better than other MySQL derivatives.

We used Kubernetes installed on VPS in Hetzner for that project, and it was very important for us to have a platform that was MySQL compliant, along with all the CRDs, the custom resource definitions, required to use it properly in Kubernetes. We also needed support in managing the service, so having a specialist to tweak those parameters for good database performance was really good to have.

My experience with the Kubernetes-native features was that getting it into Kubernetes was really easy. It is just a Helm chart that you throw in there, and it kind of works. Of course, Helm charts have many intricacies, so parameterizing it correctly was essential, but it provided an out-of-the-box experience for getting it into our cluster.

A cool thing to call out is that they have an observability dashboard for Grafana to see what is going on, which works seamlessly. It is not just about getting everything in there, but also having visibility into how it works, and we had lots of interesting metrics available to use..”

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.

“My experience with pricing, setup cost, and licensing has only involved the open-source versions of Percona. While we have a support package for our implementations and installations, we did not purchase Percona Server itself..”

PRASHANTNAGARAJ

IT Manager at a tech vendor with 1,001-5,000 employees

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“We evaluated different solutions such as MariaDB and MySQL, but we only evaluated them without implementing them. Our experience with MariaDB was that it did not work for us..”

Pieter Geelen

Freelancer at geelen.io

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“The setup is straightforward. It's really easy to use. Even a beginner or someone new to reporting for PostgreSQL or MySQL can easily install it on their local virtual machines, and they can play with the databases.

I'd rate the ease of implementation ten out of ten. As compared to Oracle, it's really easy to use and easy to understand as well as deploy.

We deployed on a local environment; if the internet is stable, it will hardly take up to ten minutes to set up on Ubuntu Debian services. I'm not too sure about the OS version of the other Linux versions..”

Umair Hassan

Database Administrator at Systems Limited

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Customer Service and Support

“My experience with customer support for Percona Server has been limited to enhancements for Percona Toolkit. We did not reach out regarding the server itself, but the support was quite helpful in assisting us with archivers, replicators, and other commands..”

PRASHANTNAGARAJ

IT Manager at a tech vendor with 1,001-5,000 employees

[Read full review](#) 

Customer Service:

Because it's open source and free, there's no customer service.

Technical Support:

Because it's open source and free, there's no technical support..”

Verified user

Systems Engineer at a comms service provider with 51-200 employees

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“As compared to the licensed product, where money is money and money can buy you things, there isn't much direct support. That said, I have never found any sort of an issue that could not be found on the community forum or something like that. And I did approach some of the guys from Percona and they provided me with a good knowledge base. I'm also a member of a Percona community. Whenever I raise a question there, there is always someone who can help. It's pretty good. And this all comes with zero costs attached. .”

Umair Hassan

Database Administrator at Systems Limited

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Other Advice

“My advice to others looking into using Percona Server is to read the documentation. Peter and the team do a great job at it. I would rate this review a 9..”

Mthomas Thomas

Director of Project Services at a consultancy with 1-10 employees

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“My advice for others looking into using Percona Server is that I rely on it; it resolves a lot of enterprise issues, and it's very good in monitoring, so I can recommend it to everyone.

“I found this interview fine and do not think anything needs to change for the future. I would rate this review a 10..”

Femi Adeyemi

Senior Team Lead Systems Administrator at a comms service provider with 51-200 employees

[Read full review](#) 

“On a scale of one to ten, I would rate Percona Server an eight. I chose an eight because for the functionality that I expect from a database server, Percona Server was certainly offering the features I needed. I have no experience regarding Percona Server's AI capabilities, governance, and security. The accuracy and reliability of Percona Server's output met my expectations based on my experience. My advice to others looking into using Percona Server is that it has great support and that they follow up with user experiences to improve the product. I would rate this product an eight overall..”

Sam Van Kerckhoven

Founder at Mantics

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“My advice for others looking to use Percona Server is that while it is a great product for making things work, it does not eliminate the need for a database administrator. You still need to know what you are doing, and it can alleviate a lot of the pain of running a database. However, it does not equate to a fully managed database, at least in our use case where we run it in our own Kubernetes cluster. That knowledge is also beneficial when working with a consultant for setup and database optimization. If you want to go open-source and are knowledgeable about databases, Percona Server is great and will provide everything you need. But if you are looking for a solution without needing to understand databases, this might be too advanced. I would rate this product an 8 overall..”

Pieter Geelen

Freelancer at geelen.io

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“I would advise others looking into using Percona Server to take a look at it since it

is MySQL on steroids. It is an open-source solution that continuously scales, and the community commits features regularly, making applications well-maintained and easily recoverable.

“I consider Percona Server to be MySQL Enterprise on steroids without licensing fees or restrictions, and it performs exceptionally well.

“I have not explored the AI capabilities of Percona Server, so I cannot comment on that aspect. Since I have not experienced the AI capabilities, I can only infer from how Percona Server has helped us in the past. I am confident that the AI capabilities of Percona Server, along with reliability and accuracy, align with any commercial-grade database [RDBMS](#) providers.

“I give this review a rating of eight..”

PRASHANTNAGARAJ

IT Manager at a tech vendor with 1,001-5,000 employees

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“The integration process with other tools or databases when using Percona Server was satisfactory, and we did not have problems with the integration.

I think the documentation and available resources for Percona Server are generally sufficient.

Percona Server's handling of backup and recovery processes worked satisfactorily for us.

Percona Server's performance when handling large data sets was significant compared to regular MySQL, and it was excellent.

Percona Server's monitoring and alerting capabilities, specifically the audit logging, were sufficient for us.

We did not use the community support or forums available for Percona Server at all, so it is difficult for me to provide feedback on that.

In my experience, Percona Server's compatibility has only been with Linux, which was sufficient for us.

My advice to others looking into using Percona Server is that it is a good choice for those who are familiar with MySQL and want to scale up and handle many connections in real time. I would rate this product an 8 out of 10..”

Shimi Moldawskiy
Team Lead

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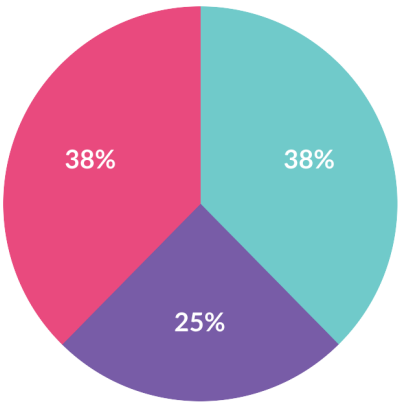
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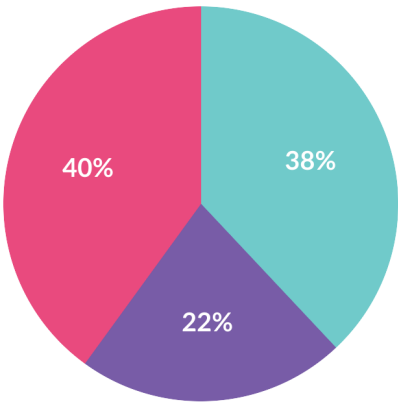


Company Size

by reviewers



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Large Enterprise Midsize Enterprise Small Business

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