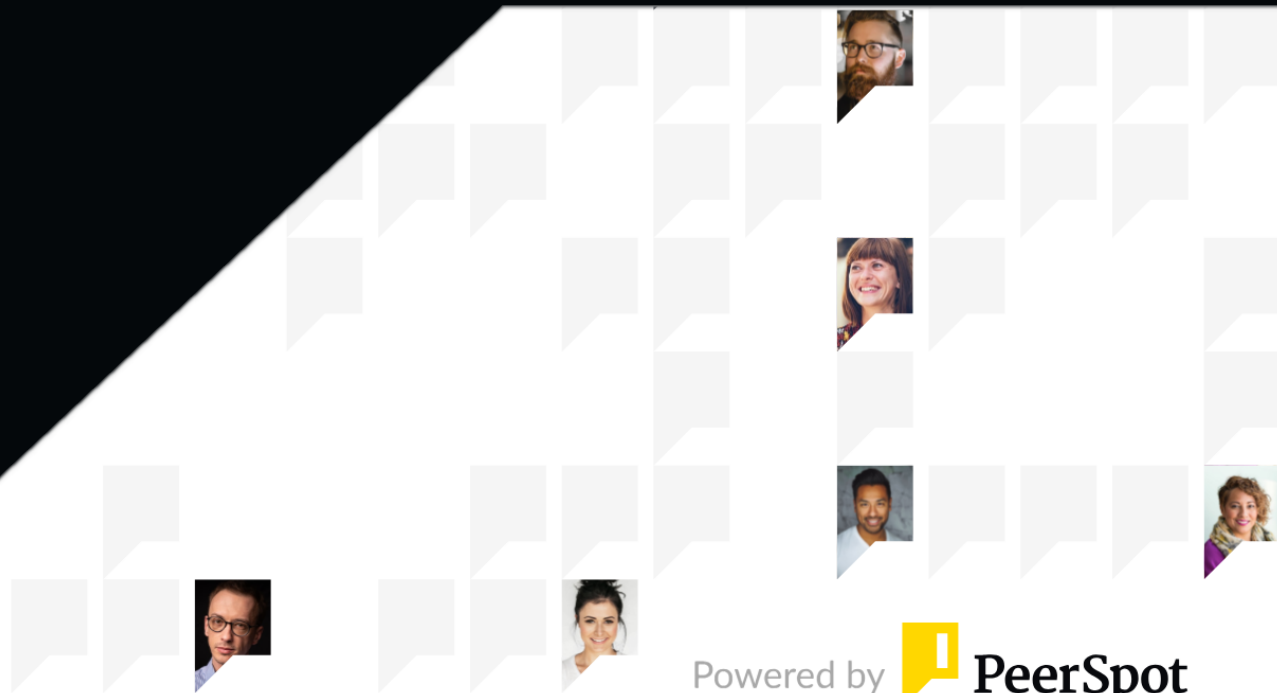


aws marketplace

SingleStore

Reviews, tips, and advice from real users



Powered by  PeerSpot

Contents

Product Recap..... 3 - 4

Valuable Features..... 5 - 12

Other Solutions Considered..... 13 - 15

ROI..... 16 - 18

Use Case..... 19 - 23

Setup..... 24 - 25

Customer Service and Support..... 26 - 28

Other Advice..... 29 - 31

Trends..... 32 - 33

About PeerSpot..... 34 - 35

Product Recap



SingleStore

SingleStore Recap

SingleStore delivers the performance you need for enterprise AI, providing the most performant data platform for apps and analytics at scale. SingleStore enables organizations to scale from one to one million customers in one unified platform.

Valuable Features

Excerpts from real customer reviews on PeerSpot:



“SingleStore has impacted my organization positively by enabling us to run low-latency analytics and model-driven use cases at scale, which is quite difficult for OLAP and OLTP databases alone.”



Kelvin Ben

Senior Software Engineer at Honeywell



“SingleStore is a pretty good database engine set up to handle very large loads of both transactions and data, and it is very easy to use.”



Nir Levy

Vice President, Research & Development at a computer software company with 11-50 employees



“After moving to SingleStore, we definitely managed to speed things up and reduce costs because we do not need to have many tables split by month as in SQL Server.”



Leonid Neizberg

Database Administrator at Twingo

- ✓ “SingleStore's speed and scalability have made a significant difference for our team, as we scaled without major performance issues and reports, dashboards, and data segments that previously took much longer to generate are now produced in real time, which overall improves the user experience and helps teams access insights faster for operational and decision-making.”



Verified user

SDE III at a tech vendor with 1,001-5,000 employees

- ✓ “SingleStore has impacted my organization positively because the output and performance of the app have been improved.”



Verified user

Devops Engineer at a tech vendor with 51-200 employees

- ✓ “The ability to store data in memory is a standout feature, enhanced by robust failover mechanisms.”



Vignesh KR

Solution Architect at Wipro Limited



“It's a distributed relational database, so it does not have a single server, it has multiple servers. Its architecture itself is fast because it has multiple nodes to distribute the workload and process large amounts of data.”



Verified user

Database Administrator at a tech services company with 1-10 employees

What users had to say about valuable features:

“Its in-memory storage, distributed architecture, scalability, and failover mechanisms collectively contribute to its exceptional performance and reliability, especially in demanding transactional environments like online and mobile banking systems. The ability to store data in memory is a standout feature, enhanced by robust failover mechanisms. Even in scenarios where all servers experience downtime, it ensures data safety by maintaining a copy on disk..”

Vignesh KR

Solution Architect at Wipro Limited

[Read full review](#)

“The best features SingleStore offers in my experience are the excellent team support and the very good UI.

What makes the support stand out to me is that the UI is interactive and intuitive for first-time users. The team is also good at resolving issues, and I can reach out to them directly by creating a ticket whenever I face any issues.

SingleStore has impacted my organization positively because the output and performance of the app have been improved. I measured that improvement through both faster search time and better user experience based on customer reviews..”

Verified user

Devops Engineer at a tech vendor with 51-200 employees

[Read full review](#) 

“The pipeline to Kafka and AWS are very helpful for us, which is a main scenario for many SingleStore users, and being an in-memory database allows for full tables to be stored in memory for very fast access. Additionally, the ability to use disk-based column stores to handle very large amounts of data that cannot fit into memory is also great. A very nice and useful feature is its compatibility with MySQL API, letting any system that can connect to MySQL also connect to SingleStore, thus solving many interoperability issues with different systems.

The memory database is really very important for us because we have some relatively large tables that need very fast access, fast queries, and even fast writes, making memory tables convenient and allowing us to produce very high throughput. On the other hand, we have some very large data tables, data warehouse styles that should not and do not fit into memory, where we usually use disk-based column stores, allowing us to store very large amounts of data and only stream some of them to the memory tables..”

Nir Levy

Vice President, Research & Development at a computer software company
with 11-50 employees

[Read full review](#) 

“The best features that SingleStore offers include a very powerful JSON handling library, an excellent query profiler, and the fact that SingleStore is split into partitions, which makes it possible to work with it as if, for example, if there are 60 partitions, you have 60 databases in parallel.

“I constantly work with the query profiler and partitioning practically every day. There are many issues because everything is now moving to production on SingleStore instead of SQL Server, so we are constantly testing and using the profiler.

“SingleStore is a distributed database that has the advantage that at any moment when resources are insufficient, there is a possibility to add more nodes, and everything is added online. Many functions are online, and you practically never need to do a shutdown, which is of course very important for a production database.

“SingleStore has positively impacted our organization as it works with many companies and has convinced many companies to move from various databases to SingleStore. SingleStore even has special programs for migrating different databases into it, and accordingly, our firm, which is small at about 40 people, benefits from having projects. We work in particular on projects with SingleStore..”

Leonid Neizberg

Database Administrator at Twingo

[Read full review](#) 

“The best features SingleStore offers include fast data recovery and data compression by 80 percent. Having the information in sheets helps me to process the information quickly. Simplicity in T-SQL is another aspect I appreciate.

“Data recovery and sheet-based processing help my team on a day-to-day basis by enabling us to handle information efficiently.

“I would like to add that the data compression by 80 percent helps us in an excellent way since we are very fast in obtaining the data for our dashboards and the compression of the information is great.

“SingleStore has impacted my organization positively by enabling us to run low-latency analytics and model-driven use cases at scale, which is quite difficult for OLAP and OLTP databases alone. It has been very helpful because our internal clients are happy to have the data and make data-driven decisions easily. Making decisions based on data within a two-hour delay to the transactional database is excellent since we went from twenty-four hours to two hours. I think the best contribution is decision-making with data that is close to reality.

“Reducing that delay from twenty-four hours to two hours has significantly affected my team and business outcomes by increasing productivity. We have been able to serve all our customers, and they are very happy. We can deliver to them on time..”

Kelvin Ben

Senior Software Engineer at Honeywell

[Read full review](#) 

“Some of the most valuable features that SingleStore offers are its speed and scalability, delivering fast query performance even with large datasets and supporting real-time analytics with very low latency. I also appreciate how it handles both transactional and analytical workloads on a single platform, reducing the complexity of the data we deal with.

“SingleStore's speed and scalability have made a significant difference for our team. For example, we use SingleStore to store all our customers' data into a database. The biggest impact happened when the data started growing significantly; previously, the query performance and dashboard response times were slow because the fetches were slow. With SingleStore, we scaled without major performance issues, and reports, dashboards, and data segments that previously took much longer to generate are now produced in real-time. The fetches are very fast, which overall improves the user experience and helps teams access insights faster for operational and decision-making.

“SingleStore has positively impacted my organization by improving performance, reducing query response times, and enabling faster access to business insights. It has helped our teams make quicker decisions with real-time data visibility, reducing the complexity of our systems and operational workloads.

“We have noticed improvements in both productivity and operational efficiency as query execution times were significantly reduced. This means teams spend less time waiting for data and more time acting on insights. We also benefit from consolidating workloads into a single platform, which reduces infrastructure complexity, and overall resource utilization is good..”

Verified user

SDE III at a tech vendor with 1,001-5,000 employees

[Read full review](#) 

Other Solutions Considered

“I did not evaluate other options within this specific company, although I know that other options were evaluated; however, I have no information on that process..”

Nir Levy

Vice President, Research & Development at a computer software company with 11-50 employees

[Read full review](#) 

“I cannot specify the previous solution we used before SingleStore, but I have shared the benefits and improvements we have experienced with SingleStore. Due to the increased data volumes, we needed a strong solution, and SingleStore meets all our requirements..”

Verified user

SDE III at a tech vendor with 1,001-5,000 employees

[Read full review](#) 

“We considered other options before choosing SingleStore, specifically Vertica, and concluded that SingleStore, in the particular company I work for, is the most suitable solution, and it really delivered results..”

Leonid Neizberg

Database Administrator at Twingo

[Read full review](#) 

“In the company I work with, the solution before was SQL Server, and we decided to move to SingleStore because it is a classic task in many companies to migrate from SQL Server to some sort of distributed database. I have also used Vertica, and it often gives good solutions. It all depends on the company..”

Leonid Neizberg

Database Administrator at Twingo

[Read full review](#) 

“I am not entirely certain about the options we evaluated; I believe we considered Hive and other data platform options. However, we were focused on large-scale data processing and, when comparing performance and scalability, SingleStore stood out due to its strong query performance and ability to support multiple workloads on a single platform..”

Verified user

SDE III at a tech vendor with 1,001-5,000 employees

[Read full review](#) 

“Personally, I have used many different solutions including MySQL, Oracle, MongoDB, and many others. Specifically at Zoom, the company was using a different Microsoft-based solution before the switch to SingleStore, which I was not part of the decision process for, as that happened before my term in the company. The switch was part of a larger organizational move towards more modern technologies and was generally considered a successful transfer.

Until recently, we had a self-managed installation on our private cloud on AWS, or our private VPC on AWS. We have recently migrated to SingleStore's managed service called Helios, which I would describe as public cloud, but with the necessary separation between clients, and the transfer itself was smooth, as far as database transfers go, so this deployment will probably run with us for the next few years..”

Nir Levy

Vice President, Research & Development at a computer software company with 11-50 employees

[Read full review](#) 

ROI

Real user quotes about their ROI:

“I had a customer I worked with for five years who kept adding new customers throughout. SingleStore provides significant cost-based value to companies..”

Verified user

[Read full review](#) 

Database Administrator at a tech services company with 1-10 employees

“ROI? Less headache, fewer worries about scaling. No learning curve and no need for specialized resources in a language. You can be up and running in a few minutes, or you can use the Cloud solution. .”

Data Sleek

[Read full review](#) 

Owner at a consultancy with 1-10 employees

“I am unable to share such information for two reasons: the confidentiality of my company and the fact that the transfer to SingleStore from a different database engine happened before my time with the self-managed system. We have only recently moved to the managed service, so we do not have any metrics on that as well, but again, I cannot provide any specific metrics due to my company's confidentiality..”

Nir Levy

Vice President, Research & Development at a computer software company with 11-50 employees

[Read full review](#) 

“The platform's versatility allows it to cater to various use cases effectively. Unlike other databases that might require separate solutions for transactional and analytical needs, it offers a unified solution for both. This dual functionality appeals to organizations seeking cost-effective solutions, as they can invest in a single database to address multiple requirements..”

Vignesh KR

Solution Architect at Wipro Limited

[Read full review](#) 

“I cannot directly comment on money saved or fewer employees needed, but from a developer's perspective, I see a positive impact in query performance and real-time analytics during data processing. The efficiency has increased significantly, and our workflows are consolidated into a single platform, thus reducing the operational overhead we previously faced. I am not certain about exact financial metrics, but there are clear improvements in productivity and operational efficiency..”

Verified user[Read full review](#) SDE III at a tech vendor with 1,001-5,000 employees

“I have seen a return on investment as real-time compute reduces the hassle of fine-tuning required, but it is minimal compared to other tools like Oracle or other RDBMS. Primarily, it was not client-focused. It was used for large enterprises with a significant amount of real-time data generation. The objective was to scale as data loads with high-performing query model responses..”

Kelvin Ben[Read full review](#) 

Senior Software Engineer at Honeywell

Use Case

“I worked for a company that outsourced tasks for SingleStore. I mainly worked with one customer who was a video platform. Their primary use case was storing metadata for their videos. They offered recording and playback services for TV shows in the US and Canada, and SingleStore efficiently managed the metadata for all these recordings.

There's a wide range of professionals using SingleStore, You can find more details on their website..”

Verified user

Database Administrator at a tech services company with 1-10 employees

[Read full review](#) 

“SingleStore is our main platform for handling high-performance real-time analytics of large data volumes, providing transactional and operational data on a single platform.

“One specific example of how we use SingleStore for real-time analytics is real-time dashboard analytics for operational data. We ingest a stream of events and transactions into SingleStore and use it to power dashboards that need real-time updates. Before using SingleStore, we had noticeable delays. We also use multi-board architecture in SingleStore to store large volumes of data that power our dashboards..”

Verified user

[Read full review](#) 

SDE III at a tech vendor with 1,001-5,000 employees

“My main use case for SingleStore is for our data retention and load management. We have infrastructure wherein the user's data are used for quick search, which means the searching functionality in our app is being handled with the help of SingleStore so that the searches are quick and easy for the users.

I decided on SingleStore for this use case because previously we were using AWS-related functionality, specifically EC2 instances, but those were not working well. I switched to SingleStore for the flexibility and infrastructure they provide, and it has helped us considerably..”

Verified user

[Read full review](#) 

Devops Engineer at a tech vendor with 51-200 employees

“The primary use case for SingleStore in my company is a project to migrate a large system from MS SQL to SingleStore.

“Specifically, I am currently migrating the data insert process from MS SQL Server to SingleStore. The data that goes into SQL Server is passed into Kafka, and the Kafka topic then flows into SingleStore. All of these processes are checked for performance.

“I developed a web application that tests all possible error scenarios in all areas regarding my main SingleStore use case..”

Leonid Neizberg

Database Administrator at Twingo

[Read full review](#) 

“My main use case for SingleStore is real-time analytics and data storage and serving for my ML workloads. It enables me to run low-latency analytics and model-driven use cases at scale, which is quite difficult for OLAP and OLTP databases alone.

“One specific example of how I use SingleStore for one of my model-driven use cases is as a data warehouse for fintech, which processes payments through TC worldwide. The integration with Azure Data Factory occurred without complications. It helps me in an excellent way since I am very fast in obtaining the data for my dashboards. Additionally, the compression of the information is accurate.

“Regarding my main use cases with SingleStore, I think it is very useful for managing information for business intelligence processes and processing. Given that the information is brought quickly, it processes correctly when loaded into the dashboard..”

Kelvin Ben

Senior Software Engineer at Honeywell

[Read full review](#) 

“SingleStore serves as our main production database, which includes online transaction processing, OLTP, data management, streaming, Kafka streams, AWS S3 streams, and data manipulation and statistics.

One of the best use cases we implement with SingleStore is streaming data from different locations, such as information flowing into our Kafka stream, where SingleStore pulls that data from Kafka directly into the database, which is very helpful and unique. Another use case is that we have batch operations dumping files into our AWS S3, where SingleStore stored procedures can read this data and perform a specific ETL for this data into our main database.

That is the most unique case I would say, but we are also using SingleStore as our main database, which has to handle a lot of online traffic and online transactions with large amounts of data and very high throughput..”

Nir Levy

Vice President, Research & Development at a computer software company with 11-50 employees

[Read full review](#) 

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 is straightforward, with comprehensive tutorials available on its website. Beginners can easily follow the step-by-step guides, either for a local installation or on cloud platforms like Azure..”

Vignesh KR

Solution Architect at Wipro Limited

[Read full review](#) 

“Using SingleStore and having it as our main data partner is important for us, as we are getting very good responses from the company itself, along with good throughput, good performance, and a reasonable price tag, coupled with pretty decent business connections. We have bimonthly meetings with them, and specific support people that we can contact for issues, questions about implementation, and just recently, we migrated to the managed cloud called Helios, which provides a big performance boost regarding performance compared to the price tag..”

Nir Levy

Vice President, Research & Development at a computer software company with 11-50 employees

[Read full review](#) 

“SingleStore offers cloud and bare-metal installations.

Cloud hosting is simple; you pay hourly and follow their cloud UI instructions. Anyone, even someone less technical, can install it.

For bare metal VMs, it might take a day for a new technical person, but an experienced one can do it in an hour. It's quite easy.

The customer I supported had an on-premises SingleStore cluster running on bare metal..”

Verified user

[Read full review](#) 

Database Administrator at a tech services company with 1-10 employees

Customer Service and Support

“I rate the quality of customer support at SingleStore as excellent because I am very satisfied. One of their employees constantly meets with us on Zoom and discusses what we are missing..”

Leonid Neizberg

Database Administrator at Twingo

[Read full review](#) 

“I am not much aware of customer support for SingleStore, as I have not had the chance to interact directly. However, I have heard that the support team is responsive and very helpful in addressing and troubleshooting issues..”

Verified user

SDE III at a tech vendor with 1,001-5,000 employees

[Read full review](#) 

“SingleStore offers good team support and their UI is interactive for first-time users. Their team is capable of resolving issues efficiently, allowing users to create tickets and receive support..”

Verified user

Devops Engineer at a tech vendor with 51-200 employees

[Read full review](#) 

“We mostly handled day-to-day maintenance. But for the real heavy lifting, there's a separate team in SingleStore. It's all handled through one ticketing tool, Zendesk. You're a registered customer, you log a ticket, and they prioritize and address them accordingly..”

Verified user

[Read full review](#) 

Database Administrator at a tech services company with 1-10 employees

“Customer support is pretty nice; we are on the low-level tier of support since that is what we pay for, and we receive pretty good support. We have our own account manager who keeps us informed of the latest solutions and improvements in the system, and we also have support personnel who work closely with us when we have issues or questions, so we are very happy about that..”

Nir Levy

[Read full review](#) 

Vice President, Research & Development at a computer software company with 11-50 employees

“During the onboarding process at my previous organization, SingleStore provided dedicated support for five to six months, offering invaluable assistance. Presently, with our current service providers partnered with them, support involves raising a ticket, leading to the allocation of a dedicated person for assistance. This personalized approach enables an assessment of the issue, considering factors like data volume. Additionally, the forums serve as a helpful resource for addressing queries, although responses may take a few days. I would rate it eight out of ten..”

Vignesh KR

Solution Architect at Wipro Limited

[Read full review](#) 

Other Advice

“The advice I would give to others looking into using SingleStore is that it is a good tool. The customer support is great. The integrations can sometimes be a problem that needs to be checked. .”

Verified user

Devops Engineer at a tech vendor with 51-200 employees

[Read full review](#) 

“If simplicity, quick data insertion, minimal complexity, and high availability are your primary concerns, and budget constraints aren't a major issue, then SingleStore is an excellent choice. I would rate it eight out of ten..”

Yasin Sari

Senior Data Analyst at a comms service provider with 1,001-5,000 employees

[Read full review](#) 

“I would advise individuals to consider it for transactional systems, particularly if their requirement is for millisecond-level performance. The row store feature is well-suited for such applications. However, it's essential to be mindful of the associated costs, whether deploying on the cloud or on-premise. Due to the need for substantial RAM to store data in memory, the cost can be significant, especially for larger datasets. Overall, I would rate it nine out of ten..”

Vignesh KR

Solution Architect at Wipro Limited

[Read full review](#) 

“Online resources are limited since it's a new database. So, first, read the documentation to understand the basics. Then, approach them directly and explain your specific use case for the database.

Their sales team is very responsive and can help you get started. I highly recommend this database, but do your research first because online materials are scarce. Just understand the basic terms and policies in the docs, then contact them to set up your clusters.

Overall, I would rate the solution an eight out of ten. .”

Verified user

Database Administrator at a tech services company with 1-10 employees

[Read full review](#) 

“My advice to others looking into using SingleStore is that it is extremely good for scenarios where large sets of data are generated in a day and the data is streamed. If you would like to run queries and analytics on such data, it would really scale and

outperform TimesDB or Oracle in-memory options.

“Before we wrap up, I have additional thoughts about SingleStore, stating it is a great tool that is very cost-effective. It shines as a unified solution for high OLTP and OLAP workloads. I rate this product a nine out of ten..”

Kelvin Ben

Senior Software Engineer at Honeywell

[Read full review](#) 

“My main advice for others looking into using SingleStore is to consider working first with the managed service as it offers significantly more information, features, and ease of use compared to the self-hosted option. SingleStore supports very complex stored procedures, which we use frequently, but I would recommend that one carefully consider the use cases when using stored procedures, as this decouples the code from the main application, making it harder to manage—a scenario that applies not just to SingleStore but to any [RDBMS](#) that supports stored procedures.

SingleStore is an excellent database engine set up to handle very large loads of both transactions and data, and it is very easy to use. Its compatibility with the MySQL interface is essential for us, and it has strong connections and pipelines to Kafka, AWS systems, and similar tools. I am overall very happy with the product. I would rate this review as a nine out of ten..”

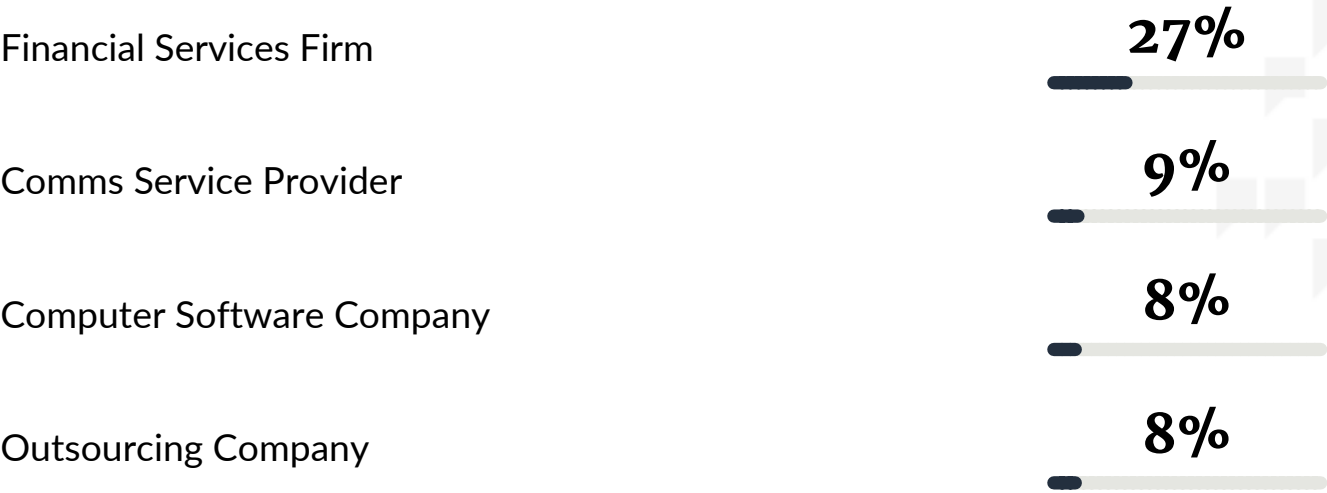
Nir Levy

Vice President, Research & Development at a computer software company with 11-50 employees

[Read full review](#) 

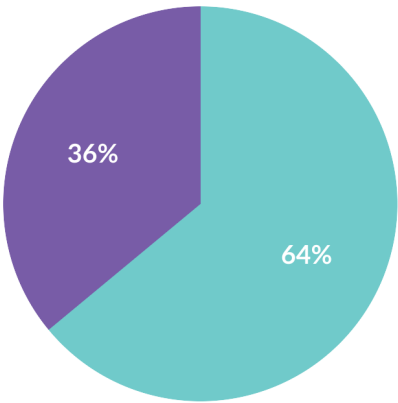
Top Industries

by visitors reading reviews

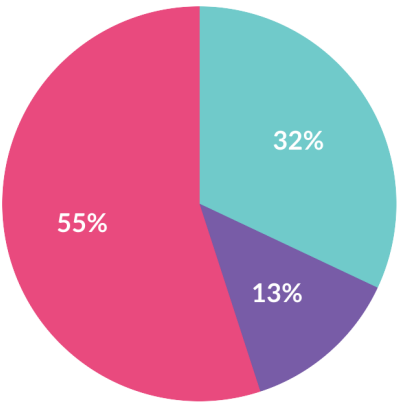


Company Size

by reviewers



by visitors reading reviews



Large Enterprise Midsized Enterprise Small Business

About this buyer's guide

Thanks for downloading this PeerSpot report.

The summaries, overviews and recaps in this report are all based on real user feedback and reviews collected by PeerSpot's team. Every reviewer on PeerSpot has been authenticated with our triple authentication process. This is done to ensure that every review provided is an unbiased review from a real user.

Get a custom version of this report... Personalized for you!

Please note that this is a generic report based on reviews and opinions from the collective PeerSpot community. We offer a [customized report](#) of solutions recommended for you based on:

- Your industry
- Company size
- Which solutions you're already considering

The customized report will include recommendations for you based on what other people like you are using and researching.

Answer a few questions in our short wizard to get your customized report.

[Get your personalized report here](#)

About PeerSpot

PeerSpot is the leading review site for cloud, AI, and business software. We created PeerSpot to provide a trusted platform to share information about software, applications, and services. Since 2012, over 22 million people have used PeerSpot to choose the right software for their business.

PeerSpot helps tech professionals by providing:

- A list of products recommended by real users
- In-depth reviews, including pros and cons
- Specific information to help you choose the best vendor for your needs

Use PeerSpot to:

- Read and post reviews of products
- Access over 30,000 buyer's guides and comparison reports
- Request or share information about functionality, quality, and pricing

Join PeerSpot to connect with peers to help you:

- Get immediate answers to questions
- Validate vendor claims
- Exchange tips for getting the best deals with vendor

Visit PeerSpot: www.peerspot.com

PeerSpot

244 5th Avenue, Suite R-230 • New York, NY 10001

reports@peerspot.com

+1 646.328.1944