

aws marketplace

SingleStore

# Reviews, tips, and advice from real users



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# 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:



“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



“The paramount advantage is the exceptional speed.”



**Yasin Sari**

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



“MemSQL supports the MySQL protocol, and many functions are similar, so the learning curve is very short.”



**Data Sleek**

Owner at a consultancy with 1-10 employees



“The product can automatically reinstall and reconfigure in case of a shutdown.”



**Khawaja Shoaib Hamid**

Regional Sales Manager at Cinergie Digital



“The most valuable feature is the ability to create pipelines, streamline and extract data from the pipelines.”



**Ishtiaque Ali**

Data Analytics Solution Architect at Cinergie Digital

## What users had to say about valuable features:

“The paramount advantage is the exceptional speed. Another noteworthy aspect of our experience is that, upon its setup, there aren't any issues that necessitate the intervention of a DBA. In terms of performance, it has proven impressive, particularly in handling complex joins without the need for data shortening. It excels in executing complex SQL operations swiftly..”

**Yasin Sari**

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

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“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

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“The most valuable features are:

- MySQL drop-in solution: MemSQL supports the MySQL protocol, and many functions are similar, so the learning curve is very short. Developers were able to code against MemSQL the same day. They configured MemSQL in Docker and were up and running.
- MemSQL built-in pipeline: You can connect MemSQL directly to an S3 bucket and it will ingest its data automatically. There is no need to create a lambda function. It just works. You can connect to Kafka, HDS, and other protocols.
- Support for CTE, Window, Stored Procedures, functions (UDF, Table) are all included. MemSQL is a full-blown database solution.
- Replication: A MemSQL cluster can replicate to another cluster. This is a great feature, allowing you to have one cluster that does all the heavy work, and a Replica for reads.
- MemSQL supports high concurrency, and scaling horizontally is limitless.
- I really like the MemSQL portal ([portal.memsql.com](https://portal.memsql.com)). Creating more labs is the best way to introduce people to MemSQL.

**Data Sleek**[Read full review](#) 

Owner at a consultancy with 1-10 employees



# Other Solutions Considered

“I'm currently focusing on C++, building my resume for web development. I want to be a programmer and build things, not work in a service-based company. That's why I moved on. But I'm happy to help with any service-related tasks or where my two years of SingleStore experience might be useful..”

## Verified user

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

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“I looked at PostgreSQL but since I don't know it well, I decided to use MemSQL. The learning curve is short and once the cluster is up and running, you don't need to worry.

MemSQL supports backup, restore, and enterprise-grade fail-over. It's very stable and with one node down, you can still serve traffic..”

## Data Sleek

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“I use Exasol, and it has proven to be highly effective. However, when considering factors such as cost, financial aspects, SQL version capabilities, and insertion times, there are certain drawbacks. Specifically, the performance in terms of insertion times is notably subpar..”

**Yasin Sari**

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

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“We transitioned from using IBM Db2 to SingleStore due to a shift in our infrastructure plan. Initially designed for on-premise deployment, we sought optimized server capabilities for a banking process, with a primary goal of cost reduction compared to mainframe expenses. In our current project, SingleStore is predominantly employed for analysis and reporting purposes. Previously, Palantir and Vertica were used for reporting, but observations of drawbacks in these platforms led to the decision to migrate to SingleStore for more efficient analysis and reporting capabilities, which is proving successful in our current setup..”

**Vignesh KR**

Solution Architect at Wipro Limited

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# 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


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

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“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. .”

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Owner at a consultancy with 1-10 employees

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“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

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# Use Case

“I use it for managing both transactional and analytical workloads within the same database. In my previous organization, I successfully implemented it for a banking system, where it accommodated transaction-based processes using row store tables and analytical requirements using column store tables. This dual functionality eliminates the need for separate databases for transactions and reporting, streamlining the overall architecture. With SingleStore's distributed architecture, it provides the scalability needed to support diverse workloads effectively..”

**Vignesh KR**

Solution Architect at Wipro Limited

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“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

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“The issue we encountered was the inability to efficiently extract and evaluate our data from existing databases, causing limitations with Tableau, which struggled to handle datasets exceeding a hundred million records. Consequently, we explored alternative systems and initially attempted to access all data from target systems. In pursuit of faster and more effective data management, we considered Exasol as an alternative OLAP system. Ultimately, we opted for SingleStore..”

**Yasin Sari**

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

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“When I was working at Wag, MySQL had trouble scaling. We were using an M4-10X RDS instance and three replicas. These machines are expensive and with the growth that the company was experiencing, it was clear we would not be able to scale properly.

There were heavy writes done against MySQL that should not have been there; an event table for example. This table was close to 900M rows, taking more than 300GB. I decided to migrate this table to MemSQL, freeing up both lots of space and write resources on MySQL.

After the event table was migrated to MemSQL, using the MemSQL built-in S3 pipeline, the table was compressed down to 30GB..”

**Data Sleek**

Owner at a consultancy with 1-10 employees

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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 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

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“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**

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

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# Customer Service and Support


“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

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“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**[Read full review](#) 

Solution Architect at Wipro Limited



# Other Advice

“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

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“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

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“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

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“I discovered this product at Strata Data in 2012 and followed the product evolution. I've tested many versions and recommended them to companies I've worked with.

MemSQL provides excellent documentation and they upgrade the product frequently. Their cloud solution offering, MemSQL Helios, allows you to create a cluster with a few clicks. MemSQL is a very powerful database.

There are a lot of solutions out there including ClickHouse, Aurora, and PostgreSQL, but none of them provide the rich features that MemSQL has. The pipeline by itself is awesome.

I can write an SQL statement to create a pipeline and in less than 15 seconds I have data flowing into my tables (or stored procedure). You can ingest data into MemSQL stored procedures and do transformations on the fly. For example, counters.

So give it a try, you won't be disappointed..”

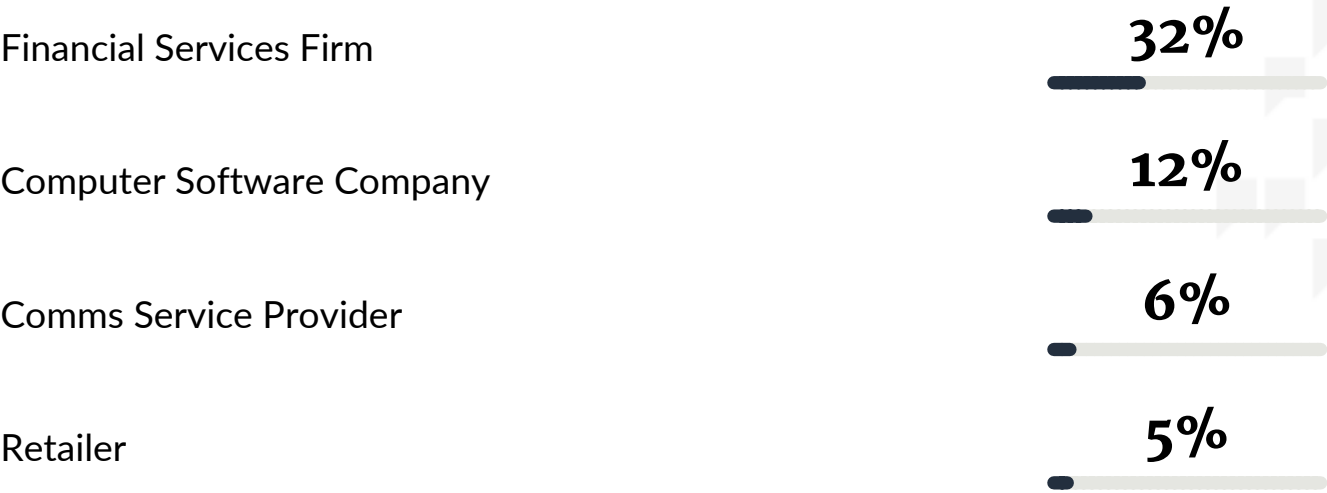
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# Top Industries

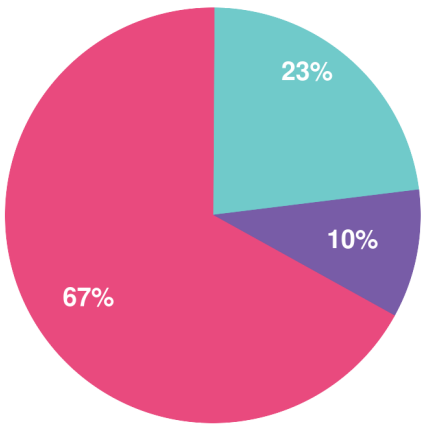
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# Company Size

by reviewers

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 Large Enterprise       Midsized Enterprise       Small Business

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