

aws marketplace

SkySQL

Reviews, tips, and advice from real users



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Product Recap



SkySQL

SkySQL Recap

SkySQL is a highly advanced database management service designed to enhance deployment versatility, scalability, and powerful analytical capabilities, tailored for modern enterprises.

SkySQL provides a cloud-native experience focusing on ease of management, high-performance analytics, and improved operational processes. The service seamlessly integrates with diverse ecosystems, offering both flexibility and broad operational coverage while supporting modern technological environments. With robust security measures and a user-friendly approach, SkySQL effectively meets goals across industries, providing a comprehensive toolkit for database management.

What are the key features of SkySQL?

- **Cloud-Native Architecture:** Offers rapid deployment and scaling to meet dynamic business demands.
- **High-Performance Analytics:** Ensures quick and accurate data analysis for timely decision-making.
- **Customizability:** Supports unique infrastructure needs with flexible configuration options.
- **Seamless Integration:** Connects effortlessly with existing systems to enhance functionality.

What benefits should users look for in reviews?

- **Cost Efficiency:** Reduces infrastructure and maintenance costs through efficient cloud management.
- **Security:** Provides robust data protection and compliance features, critical for enterprise operations.
- **Scalability:** Easily adapts to growing data needs without significant investment.

SkySQL is implemented across industries such as finance, healthcare, and retail. In finance, it optimizes transaction processing and regulatory compliance. Healthcare users leverage it for managing patient data efficiently. In retail, it's utilized for inventory management and customer analytics, demonstrating its versatility.

Valuable Features

Excerpts from real customer reviews on PeerSpot:



“We never face performance issues, and backup and scalability are all managed automatically, which has significantly improved our SLA.”



Shubham-Agarwal

Manager - Projects at Cognizant



“Compared with all of these options, we concluded that SkySQL is one of the best solutions addressing those criteria.”



Preethi Nedunchezian

Manager at PwC



“In my experience, the best feature that SkySQL offers is a fully managed database service which reduces operational overhead, along with its high availability and automatic failover for business-critical applications, and its scalability to handle growing data volumes and overloads, plus automated backups and disaster recovery capabilities.”



Preethi Nedunchezian

Manager at PwC



“SkySQL is easy to use and has reliable performance, offering scalability and fast execution.”



Verified user

Data and Integration Specialist at a tech vendor with 10,001+ employees

What users had to say about valuable features:

“SkySQL is easy to use and has reliable performance, offering scalability and fast execution. What stands out most is how SkySQL handles data efficiently while remaining simple to manage and maintain.

Additionally, SkySQL provides good reliability and availability. It helps our team manage data smoothly with minimal maintenance efforts, and support is also good from SkySQL.

SkySQL has a positive impact by improving data accessibility, query performance, and overall efficiency. It helps our team make faster data-driven decisions and reduces the time spent managing database operations.

SkySQL report generation time is reduced by around thirty percent, and data retrieval became much faster for our team. This helps us access insights more quickly, make our decisions faster, and improve overall productivity..”

Verified user

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Data and Integration Specialist at a tech vendor with 10,001+ employees

Since we do not have to manage servers and memory as they are completely managed by the cloud, this has been extremely beneficial. Whenever we receive high volumes of transactions, the database auto-scales and improves performance automatically. This is particularly helpful because we experience variable transaction loads, and the auto-scaling and down-scaling capabilities provide cost optimization benefits.

As a data engineer, the most valuable aspect is not having to worry about scalability or performance. I can focus on the actual data itself: whether it is dirty or clean, and what transformations I need to apply. I work on the actual data rather than on infrastructure tasks related to servers.

“All our applications are integrated with SkySQL only, and the integration capabilities are powerful. SkySQL can be integrated with a wide range of databases, cloud providers, and supports multiple frameworks, including NCP. Regarding security, it is highly secure because we conduct penetration testing before pushing data from applications to SkySQL. .”

Shubham-Agarwal

Manager - Projects at Cognizant

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“In my experience, the best feature that SkySQL offers is a fully managed database service which reduces operational overhead, along with its high availability and automatic failover for business-critical applications, and its scalability to handle growing data volumes and overloads, plus automated backups and disaster recovery capabilities. These are the key capabilities that make SkySQL attractive for an asset performance management application, but we are still validating them as part of our evaluation.

“Since we are still evaluating SkySQL, we have already seen an impact, but as we are still in the evaluation phase, I cannot say any feature has had the biggest impact in production yet. The feature that is most important to us is high availability with automatic failover because our asset performance management application supports critical manufacturing operations.

“Besides high availability and scalability, we are hoping to see simple administration and reliable performance. Also, since it is a managed service, we would like to minimize database maintenance, patching, and backup management so our team can focus more on developing the asset performance management application..”

Preethi Nedunchezian

Manager at PwC

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“The most valuable features for asset management are its reliability and scalability, along with support for reporting and analytics. Its ecosystem and compatibility with managed services make it a stronger choice for enterprise applications.

“Regarding scalability, we expect our data volume and user base to grow over time, so we need a database that can grow with the application while maintaining performance and availability.

“Reliability is one of the main reasons we are evaluating SkySQL. We need consistent performance, high uptime, and strong data integrity. Based on our evaluation, it appears to be a stable platform that can meet those requirements. The ACID compliant transactions, replication backup recovery, and high availability options give us confidence that it can support business-critical workloads with minimal downtime.

“We use SkySQL's advanced security features, which are an important consideration for us. We use or plan to use features such as authentication, role-based access, TLS encryption for data in transit, encryption for data at rest, regular backups, and audit logging where applicable. These features help us protect sensitive application data and meet our organization's security requirements..”

Preethi Nedunchezian

Manager at PwC

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Other Solutions Considered

“We are comparing SkySQL with other managed database options, and we have not migrated from a specific solution yet. This is part of our evaluation process to identify the best fit for our application..”

Preethi Nedunchezian

Manager at PwC

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Before choosing SkySQL, we evaluated other options, including the MySQL database. However, MySQL presented the same challenges requiring a separate infrastructure team. We adopted SkySQL because it functions like MySQL but is completely managed in the cloud.

Shubham-Agarwal

Manager - Projects at Cognizant

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Before SkySQL, we used a SQL Server database. With that database, we required a permanent infrastructure team because whenever we faced performance or memory allocation issues, we had to reach out to the infrastructure team and wait for their availability to address server-related issues. After adopting SkySQL, this process is completely automated. We never face performance issues, and backup and scalability are all managed automatically, which has significantly improved our SLA.

Shubham-Agarwal

Manager - Projects at Cognizant

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“We are looking at options such as Amazon RDS for MySQL, Azure Database for MySQL, and other managed relational database services before choosing SkySQL. Our goal is to find the solution that best meets our requirements for scalability, reliability, ease of management, and cost..”

Preethi Nedunchezian

Manager at PwC

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“For the same use case, we were using traditional databases for similar workloads rather than a managed database platform like SkySQL. However, I believe SkySQL is a better long-term fit for our asset performance management application.

“We considered Amazon RDS for MySQL, Azure Database, and other cloud-managed database services as well. We evaluated them based on scalability, availability, security, compatibility with our existing environment, and total cost of ownership. Compared with all of these options, we concluded that SkySQL is one of the best solutions addressing those criteria..”

Preethi Nedunchezian

Manager at PwC

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ROI

Real user quotes about their ROI:

“For this question, I would say not yet because we are still evaluating SkySQL, so we do not have quantified ROI metrics. Our expectation is that it will reduce operational overhead and database administration time, but we will need production experience before we can measure those benefits..”

Preethi Nedunchezian

Manager at PwC

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We have seen a clear return on investment through team size reduction. Previously, we had a four-member team where two members managed the infrastructure side, handling server management, performance, and server optimization, while two people worked as data engineers on the actual data. After adopting SkySQL, the two infrastructure team members were no longer needed because the platform is managed by the cloud. Currently, we have only a two-member team of data engineers working on actual data. We have reduced our team size by fifty percent.

Shubham-Agarwal

Manager - Projects at Cognizant

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Use Case

“I have used SkySQL for database management, curing, and supporting data-driven applications. Our main use case for SkySQL is database management and data analytics. We use SkySQL to store, manage, and query application data efficiently, and it is helping us to generate reports and support business decisions.

In our project, we use SkySQL to store customer and transaction data. We run queries to generate reports, analyze trends, and track key business metrics, which helps the team make data-driven decisions..”

Verified user

Data and Integration Specialist at a tech vendor with 10,001+ employees

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“My main use case for SkySQL is to store and manage asset and site data for an industrial asset performance management application with support for analytics, reporting, and high availability.

“SkySQL supports my asset performance management application by helping us build a solution that stores asset maintenance and operational data from multiple manufacturing sites. We need a managed, scalable, and highly available database to support dashboards, analytics, and day-to-day application transactions, and that is why we are evaluating SkySQL.

“Our main use case is covered, and we are currently evaluating SkySQL to see whether it meets our scalability, availability, and operational requirements..”

Preethi Nedunchezian

Manager at PwC

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SkySQL serves as our transactional layer where we store metadata for all our applications before moving data into our Snowflake database. We receive transactional data from various applications, store it first in SkySQL, then transform it, load it into an S3 bucket, and finally into Snowflake for reporting purposes.

We chose SkySQL because Snowflake is used only for reporting and does not have a transactional layer. Previously, we used a SQL Server database before migrating to SkySQL. We load transactional data first because SkySQL is fully managed in the cloud, eliminating concerns about scalability or performance. We often receive high volumes of transactions from applications, which made SkySQL an ideal choice. After loading all transactional data into SkySQL, we convert that data into aggregate formats for further reporting. .”

Shubham-Agarwal

Manager - Projects at Cognizant

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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.

“We have not purchased SkySQL yet as we are still in the evaluation phase. Therefore, no purchase decision has been made, including whether we would use the AWS Marketplace or not..”

Preethi Nedunchezian

Manager at PwC

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“The initial setup felt fairly straightforward, especially as a managed service.

“Our process involved provisioning an evaluation instance, configuring basic security and connectivity, and testing key features such as scalability, monitoring, and availability. Overall, the setup seemed relatively straightforward because it is a managed service..”

Preethi Nedunchezian

Manager at PwC

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Customer Service and Support

“I have communicated with the technical support of SkySQL. They were professional and responsive whenever we raised any questions, responding very quickly and efficiently..”

Preethi Nedunchezian

Manager at PwC

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As a data engineer, I have not personally reached out to customer support. However, during the implementation phase, our infrastructure team contacted their customer support for initial setup and received comprehensive support and full responses from them. I would rate customer support as nine out of ten.

Shubham-Agarwal

Manager - Projects at Cognizant

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“We are still in the evaluation phase of SkySQL, so we have not had enough interaction with the support team to evaluate it yet, so it is too early for us to comment on the quality of customer support..”

Preethi Nedunchezian

Manager at PwC

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Other Advice

“My advice for others looking into using SkySQL would be to run a proof of concept with your own workloads and validate scalability, availability, ease of management, and cost. Comparing it with other managed database options will help you determine whether it is the right fit for your environment.

“Regarding SkySQL, we have discussed it thoroughly, and I do not think there is anything I am able to provide a review about since we are in the testing phase. I give SkySQL an overall rating of eight out of ten..”

Preethi Nedunchezian
Manager at PwC

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“SkySQL supports our compliance requirements through its security, access control, and data management features. It helps us maintain proper data governance and meet internal compliance standards. Overall, SkySQL has been helpful in supporting our compliance efforts.

My advice is to clearly understand your data and scalability requirements before implementing SkySQL, and also take advantage of its cloud capabilities, security features, and performance benefits. Plan the migration carefully and test key workloads early to ensure smooth adoption. I would rate this product an eight out of ten..”

Verified user
Data and Integration Specialist at a tech vendor with 10,001+ employees

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“I would give a rating of 8 out of 10. SkySQL provides strong scalability for our needs, but we will continue to validate its performance as our data volume and user base grow.

“Regarding metrics, we do not have any quantified business metrics to share yet because we are still in the evaluation phase. So far, our testing suggests that optimization and indexing capabilities can deliver good performance for transactional workloads and reporting. We may expect these features to improve application responsiveness and reduce query execution time as our asset management application grows. However, we will measure those benefits once we have production workloads.

“The pricing appears reasonable for a managed database service, and I believe it is worth the money I am paying for it.

“We haven't deployed the system in a way that allows us to quantify savings in terms of cost or time. However, we can expect the managed service to reduce database administration efforts. We anticipate some operational savings and reduced administration effort, but it is still early to quantify those benefits..”

Preethi Nedunchezian

Manager at PwC

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Reducing our team size has significantly affected efficiency and costs for our organization. This cost efficiency benefit resulted from replacing two infrastructure team members since the infrastructure work is now automated, eliminating the need for a dedicated infrastructure team. This is very helpful for cost optimization and provides complete monitoring capabilities. You can view server health and optimization from a central point, allowing visibility into when you receive higher data volumes and when volumes are lower.

Regarding SkySQL's AI capabilities, we are using the AI functionality to write SQL queries. Whenever we face issues with SQL queries that join multiple tables, we use

the AI capability to fix errors automatically. This saves considerable time for data engineers.

“The accuracy and reliability of SkySQL's AI output is quite consistent. We conducted a proof of concept comparing manually written SQL queries with queries generated by SkySQL's AI capabilities, and both approaches yielded the same results. This demonstrated that the AI functionality is highly accurate.

“My advice to others evaluating SkySQL is that if you are primarily working on analytics, business intelligence, or reporting, other options such as [Databricks](#) or Snowflake may provide higher functionality related to analytics and GenAI. However, if you are working with a transactional database or seeking a platform to store transactional data, SkySQL is worth evaluating. I have rated this product an eight out of ten overall. .”

Shubham-Agarwal

Manager - Projects at Cognizant

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Top Industries

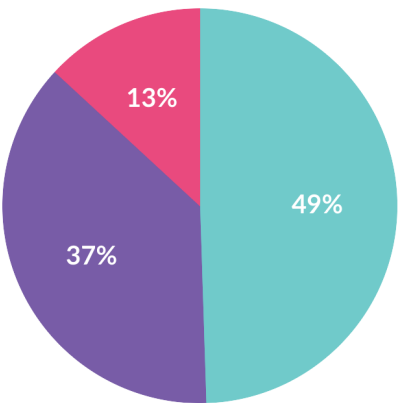
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Company Size

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Large Enterprise Midsized Enterprise Small Business

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