aws marketplace

Zilliz Cloud

Reviews, tips, and advice from real users








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Product Recap

Zilliz Cloud

Zilliz Cloud Recap

Zilliz Cloud is a cutting-edge cloud-native vector database designed for managing and processing large-scale vector data effectively. It provides robust performance and scalability tailored for AI-driven applications.

Specialized for AI use cases, Zilliz Cloud delivers high-performance vector similarity searches with millisecond latency. It's perfect for powering search, recommendation, and anomaly detection systems. Engineered to handle vast datasets, it scales efficiently across distributed environments, ensuring seamless data ingestion and retrieval. Its architecture supports complex queries, making it ideal for businesses leveraging AI and machine learning technologies to gain insights and drive innovation.

What are some key features of Zilliz Cloud?

- Scalability: Easily handles growing data sizes across distributed systems.
- High Performance: Offers fast vector similarity search with low latency.
- Integration Capabilities: Seamlessly connects with machine learning workflows.
- Data Management: Supports complex data types and high-throughput ingestion.

What benefits should users expect from Zilliz Cloud?

- Enhanced Efficiency: Reduces time for data retrieval and processing.
- Cost-Effectiveness: Optimizes resource utilization, minimizing expenses.
- Innovation Enablement: Facilitates the development of AI-driven solutions.
- Scalability ROI: Investment scales with growing data demands, ensuring long-term returns.

In the e-commerce industry, Zilliz Cloud elevates recommendation systems by delivering precise product suggestions. Healthcare sectors utilize it for genomic data analysis, accelerating research and diagnostics. Financial services rely on its anomaly detection capabilities to enhance fraud prevention systems.

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Valuable Features

Excerpts from real customer reviews on PeerSpot:

- "Zilliz Cloud is a complete solution for AI and vector DB semantic search cloud systems."



Hasan Saleem
Senior Software Engineer at Software Productivity Strategists

- "Having the support that we have from Zilliz, I think it was the best solution, at not a lot of cost compared to the in-house solution with Milvus."



Kostas Eftaxias
Staff Data Scientist at a tech vendor with 501-1,000 employees

- " The best feature of Zilliz Cloud is that it helps in very high-performance vector search, and it is also very scalable, with very low latency that helps provide faster results. "

Neel Shah
Developer Advocate at a educational organization with 201-500 employees

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What users had to say about valuable features:

"The best feature of Zilliz Cloud is that it helps in very high-performance vector search, and it is also very scalable, with very low latency that helps provide faster results. The deployment of Milvus is very easy because it is managed there, so I did not need to take care of anything. These are the major things that I feel are very important.

"Zilliz Cloud has positively impacted my organization because previously, when I was not using it, there was a little lag in the output of the search due to the lack of a proper vector search setup, and maintaining the vector search was very hard, requiring me to create a model, deploy it, and connect everything. It helped me a lot by using managed Milvus, which simplifies my management tasks.."

Neel Shah
Developer Advocate at a educational organization with 201-500 employees

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"The best features Zilliz Cloud offers are semantic search, efficient vector retrieval, scalability, and managed infrastructure. It is particularly useful when building RAG applications, document search systems, and AI-powered applications.

"For our team, the biggest difference came from the free tier, because we were giving a beta version to the client for testing and we did not have much data. We used watsonx.data first, but it was very costly, at 2,500 USD per month. We then moved to Zilliz Cloud, and we enjoyed working with it. It was really awesome.

"Zilliz Cloud has all the features that we were using in watsonx.data, so we liked all of its features. It is good.."

Hasan Saleem
Senior Software Engineer at Software Productivity Strategists

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"Among the best features Zilliz Cloud offers, the flexibility and the managed service are pretty good. We have flexibility in terms of what scale we want to use for each application, and we can launch a cluster in a couple of clicks. I have not faced any downtime or any problems. We have metrics that we can send to Prometheus, Grafana, or DataDog, where we can create alerts if we have any problems. There are also automatic backups. All together, I think it is a complete solution for vector database use cases.

The flexibility and managed service of Zilliz Cloud have helped our team a lot. We did not want to invest time and staff in managing a Kubernetes cluster in-house. We are not using our own Kubernetes cluster. Instead, we have a managed Kubernetes solution that is launched for us which is a better case than maintained. I think it was the best solution, with not significant extra cost compared to the in-house solution with Milvus.

I have nothing else to add about the features of Zilliz Cloud, apart from the fact that the support from the Zilliz team has been really helpful. I am also really grateful that we have new features coming all the time. I am constantly evolving and advancing my stack, the services, and the capabilities that we have in our services, given the opportunities that the Zilliz Cloud product gives us with every major and minor release.."

Kostas Eftaxias
Staff Data Scientist at a tech vendor with 501-1,000 employees

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Other Solutions Considered

"We previously used IBM watsonx.data vector DB, and we switched to Zilliz Cloud because IBM watsonx.data was costing too many USD per month for our low amount of data. That is why we used the Zilliz Cloud free tier. It was good enough for our project.."

Hasan Saleem
Senior Software Engineer at Software Productivity Strategists

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"Before choosing Zilliz Cloud, we evaluated other options. I do not remember their names now, but Zilliz Cloud was the top priority, and we found that it was a good option for us at that time.."

Hasan Saleem
Senior Software Engineer at Software Productivity Strategists

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"Before choosing Zilliz Cloud, we used FAISS, with a FAISS-based index on OpenSearch in AWS. It could not hold the scale that we wanted. We had around some hundred thousands of audios and we wanted to reach a scale of tens of million audios. This would have broken the bank, so we could not go forward with that.."

Kostas Eftaxias
Staff Data Scientist at a tech vendor with 501-1,000 employees

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ROI

Real user quotes about their ROI:

"Zilliz Cloud saved us money because watsonx.data cost us 2,500 USD per month. It also saved us time. We integrated it very fast because we replaced the IBM watsonx.data APIs with Zilliz Cloud APIs. It was great.."

Hasan Saleem
Senior Software Engineer at Software Productivity Strategists

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"I would refer back to the metrics that I gave you regarding return on investment with Zilliz Cloud. Back then, it was an enabler for some of our applications. It was definitely an enabler for one of our services, and it is enabling more and more services. First of all, we achieved a ten times reduction in cost compared to the older technologies that we were using. Also, if we hosted Milvus ourselves, we would need a team that manages the Kubernetes cluster. All together, apart from being an enabler and reducing the cost of our previous solution, we save some cost from extra hires and teams.."

Kostas Eftaxias
Staff Data Scientist at a tech vendor with 501-1,000 employees

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Use Case

"I have Milvus hosted on Zilliz Cloud and am majorly using it to manage the vector database and utilizing some of the RAG and vector features from that.

"I connected Zilliz Cloud with a lot of Kubernetes clusters on Zilliz Cloud to fetch a lot of data because we have a client who wants to use CNN models to give the best result from their database. We have RAG, which is using vector embedding, and we manage everything on AWS, where some of the services are connected with Zilliz Cloud to gather everything faster.."

Neel Shah
Developer Advocate at a educational organization with 201-500 employees

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"Our main use case for Zilliz Cloud is vector databases. We serve production services that perform audio retrieval.

A typical audio retrieval workflow with Zilliz Cloud starts with an audio file, from which we extract embeddings during the ingestion procedure. When we try to find this audio against a library full of audios, we search segment by segment and look for the approximate nearest neighbor. We then gather all the results together, aggregate them, and see which segments match which audio in our library.

We are now launching a vector Lakebase use case with Zilliz Cloud, where we are doing multimodal embeddings of text, audio, lyrics, and metadata, all together, in order to make more refined searches and retrieval. We also use that information for graphRAG applications, while agents get the information from the multimodal indexes and feed our agentic workflows.."

Kostas Eftaxias
Staff Data Scientist at a tech vendor with 501-1,000 employees

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"Our primary use case for Zilliz Cloud was a document classification system. We used the Zilliz Cloud vector database by converting document content into embeddings and storing those vectors. When processing a new document, we could retrieve semantically similar information and use it as context for AI-based classification.

"In our day-to-day work, we implemented Zilliz Cloud in our document classification project, and we have a UI for that application. We built it for our client project. Whenever our clients need to classify their documents, they determine whether a document belongs to the hospital health documents, the police documents, or another designation. They classify the documents using our system.

"Our project was related to a document classification system and a document retention and ingestion system, and we handled all of this in our system. We saved our data in the vector database, and whenever we retrieved the data by semantic search, we matched it with the document to determine which department it belonged to, what its retention was, and what the rules for the retention were.."

Hasan Saleem
Senior Software Engineer at Software Productivity Strategists

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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.

"I think the UI was very user-friendly, and it was very easy to integrate into our project. If there is something to improve, I think it was already very good for a technical person.."

Hasan Saleem

Senior Software Engineer at Software Productivity Strategists

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Customer Service and Support

"The customer support for Zilliz Cloud replies pretty promptly to our questions. They have always been supportive, especially when we want to try something new, and they are currently good.

On a scale of 1 to 10, I would rate the customer support for Zilliz Cloud a nine.."

Kostas Eftaxias
Staff Data Scientist at a tech vendor with 501-1,000 employees

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Other Advice

“If others do not have the bandwidth to manage the vector search and maintain that on the cloud, I recommend that they find it very easy to use Zilliz Cloud.

“Zilliz Cloud is deployed in my organization on a public cloud. I use AWS as my cloud provider.

“Zilliz Cloud helps a lot, and I also contribute to the community while creating a lot of awareness for people to use it. I would rate this review an overall eight out of ten..”

Neel Shah
Developer Advocate at a educational organization with 201-500 employees

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"Overall, on a scale of 1 to 10, I would rate Zilliz Cloud eight out of 10.

"I chose 8 out of 10 for Zilliz Cloud because it is good and enough for work. It covered all the areas and aspects that we need from a cloud and that we were already using from watsonx.data. Zilliz Cloud is a complete solution for AI and vector DB semantic search cloud systems. I rate it 8 out of 10, not 10, because it is still new and still needs some improvements and enhancements. I think 8 is enough for it right now.

"I think the governance and security of Zilliz Cloud are great. Our vector data and embeddings are saved securely, and it will not leak our data. We are confident that it is secure for now. Security is always the main purpose with data, so if there is any weakness or any point in security, it should be improved for Zilliz Cloud. However, based on what I have used and observed, it is a secure platform.

"My recommendation to others is to use Zilliz Cloud for their solutions if it meets their problem. Zilliz Cloud is a good option for them to use. However, I would advise them to first look at the pricing plans and their data amount to see how they match.."

Hasan Saleem
Senior Software Engineer at Software Productivity Strategists

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"I would rate Zilliz Cloud overall a nine.

As I said, it has served us really well for the couple of years that we have used it. It is a really good managed service for vector databases. I do not have any issues with it, including uptime. Maybe a bit more flexibility in choosing the algorithms would be good. I know it comes by default with an AutoIndex, but being able to choose the indexing algorithm would be a plus. A bit more customization for the more advanced user would be a plus. As it is for now, we have not had any problems, even with retrieval rates.

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As far as I know, in terms of governance and security, we are working with vectors, so we do not have any privacy or security issues. The connections are always secure. We have not faced any issues there.

In terms of the accuracy and reliability of the output, specifically retrieval rates, we tested Zilliz Cloud side by side with Milvus and, in the beginning, other services such as Pinecone and FAISS. It served us quite okay on some other benchmarks. We have around 98-99% retrieval rates, and 100% at the top two or three. This is understandable because it is approximate nearest neighbor. If we call the support, I think all of this can be tweaked towards 100%, which is a good plus as well.

Zilliz Cloud is deployed as a fully managed service in our organization. The infrastructure is fully managed by Zilliz. We just get an endpoint, and we pay Zilliz for the infrastructure, which is managed in their AWS account.

We use AWS as our cloud provider for Zilliz Cloud.

My advice to others who are looking into Zilliz Cloud is to check whether it serves their needs in terms of capabilities. Apart from that, it is an easy way to test it. You can also ask for credits and get some kind of trial period, which helps to evaluate the solution. I think after that, it is pretty cool.."

Kostas Eftaxias
Staff Data Scientist at a tech vendor with 501-1,000 employees

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