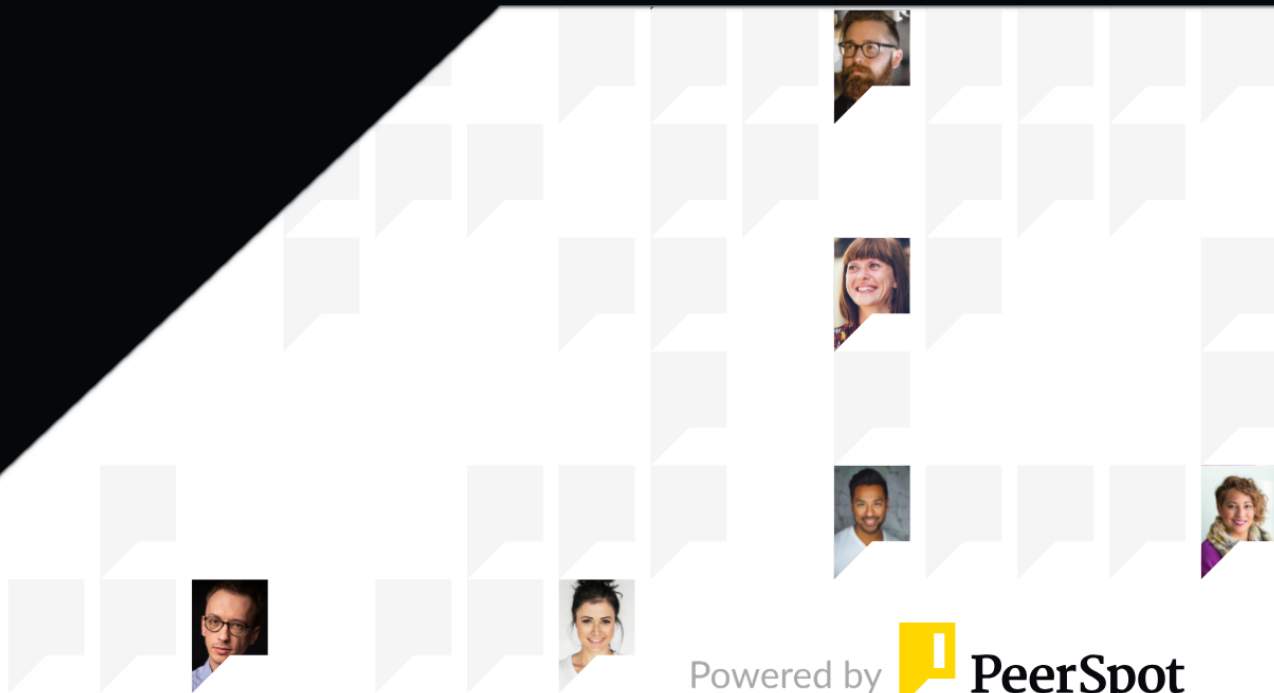


aws marketplace

CrateDB

Reviews, tips, and advice from real users



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Product Recap



CrateDB

CrateDB Recap

CrateDB is a highly scalable SQL database designed for real-time analytics on machine data, capable of handling structured and unstructured data with ease.

CrateDB provides a unique approach to database management by combining SQL accessibility with NoSQL flexibility. It offers horizontal scaling and distributed SQL queries, enabling users to perform time-series data analysis and geospatial queries effectively. Known for its ability to handle large data volumes, CrateDB is ideal for industries that require fast ingestion and querying capabilities. It supports full-text search, making it versatile for applications that demand quick search operations within large datasets. Users appreciate its open-source model and robust performance, though improvements can be made in areas like documentation and integration with other tools.

What are the most important features of CrateDB?

- **SQL Interface:** Allows easy data manipulation and query with a familiar language.
- **Horizontal Scalability:** Supports dynamic and flexible expansion of resources.
- **Geospatial Queries:** Enables processing location-based data efficiently.
- **Full-Text Search:** Offers advanced search capabilities within datasets.

What are the key benefits and ROI of using CrateDB?

- **Cost Efficiency:** Reduces overhead by optimizing data ingestion and storage.
- **Performance:** High-speed data processing boosts operational efficiency.
- **Scalability:** Easily manages increasing data loads without significant performance drops.

In industries like IoT and telecommunications, CrateDB is deployed for real-time monitoring and analysis of sensor data, providing insights that drive decision-making processes. Its applicability in smart city projects also showcases its power in managing vast amounts of real-time data efficiently. The intuitive nature of SQL coupled with robust data handling capabilities makes CrateDB a choice for businesses looking to innovate big data processes without compromising on performance or scalability.

Valuable Features

Excerpts from real customer reviews on PeerSpot:

- ✓ “CrateDB has positively impacted my organization by allowing us to store several years of gameplay from our Asian customers, which involves millions and millions of records generated every day, and we did not experience significant downtimes or outages, meaning the gameplay was not affected at all during these two years.”



FranciscoCampos

product owner at a manufacturing company with 10,001+ employees

- ✓ “CrateDB positively impacted my organization by reducing the time needed for processes, and its impressive scalability made it easy to start with one server and then horizontally scale to multiple nodes to retrieve data, which helped my company gain more customers.”



Validated user

DevOps Cloud and Data Senior Consultant at a outsourcing company with 51-200 employees

- ✓ “CrateDB fit into my project very well as it was an excellent database that allowed me to query analyses I did not think I would be able to perform.”



Validated user

Data Analyst at a university with 5,001-10,000 employees

What users had to say about valuable features:

“CrateDB fit into my project very well as it was an excellent database that allowed me to query analyses I did not think I would be able to perform. Using CrateDB was invaluable because it offered advanced query options and helped tremendously since we were dealing with a very large dataset, which made the large-scale analytics possible.

The best features CrateDB offers in my experience are the querying analytics and the advanced query functionality.

CrateDB positively impacted my organization and project by improving performance and making the work easier. I was originally looking for a very good database for querying, and when someone introduced me to CrateDB, I tried it out and found it had a very nice interface that was easy to navigate. It was very understandable, even for a first-time beginner..”

Validated user

Data Analyst at a university with 5,001-10,000 employees

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“The best features CrateDB offers in my experience include many functionalities that allow you to purge data, maintain data, keep the database clean and essentially updated. CrateDB also allows us to store many records, and I think the performance is very strong compared to other databases or technologies.

“CrateDB's performance stood out for me as it allowed me to query results in less than seconds, which was optimal and enabled real-time analytics. I found it to be a very distributed SQL engine, which was beneficial considering our specific requirements. It supports multi-model and flexible schemas for structured and semi-structured data, JSON, time series for loads, and BLOBs, along with integrated performance improvements and faster ingestion than what I recall from other databases, plus better query optimizations.

“CrateDB has positively impacted my organization by allowing us to store several years of gameplay from our Asian customers, which involves millions and millions of records generated every day. Positively, we did not experience significant downtimes or outages, meaning the gameplay was not affected at all during these two years..”

FranciscoCampos

product owner at a manufacturing company with 10,001+ employees

[Read full review](#) 

“One of the best features CrateDB offers is that it never lost data. Even with intermittent connection issues due to data volume, the data was never lost and could always be recovered. It was very fast to retrieve long queries, for example, we used to query in the UI very quickly, even with complex queries. CrateDB was fast to parse all that data and fix it for us, as well as display it on our UI platform. From a performance point of view, the speed of read and write was probably the best capability that CrateDB had, especially under stress situations and how it was able to work around them.

“CrateDB's speed and reliability made a big difference for us, especially when there were big customers where the data was in gigabytes or terabytes per day. It could ingest all that data quickly and never failed in writing or reading it. This performance made a difference for our customers when choosing a security analytics tool because of CrateDB's speed with large data volumes. A tough scenario we encountered was when we had to restart the servers when CrateDB was unresponsive, but this process did not take long since they were in AWS. If the data volume was very high, it occasionally needed a restart because it could not be read perfectly fine, but generally, the performance and way it worked were very great and I did not have any complaints about it.

“Integrations were great, as we used CrateDB with Kafka and other big data analytics tools like Hadoop. This compatibility between different technologies in an ETL scenario was key for us. The integrations were very important and they worked well with the mentioned technologies—Kafka, Hadoop, Logstash, and others..”

Validated user[Read full review](#) 

DevOps Cloud and Data Senior Consultant at a outsourcing company with 51-200 employees

Other Solutions Considered

“I did not use a different solution before CrateDB, as a colleague recommended it to me at the start of the project, so when I began the project, I opted for CrateDB immediately..”

Validated user

Data Analyst at a university with 5,001-10,000 employees

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“I have used Snowflake in other situations, but I mainly have experience with CrateDB. CrateDB was the first solution we chose and the one we started using right away without evaluating other tools at that time..”

Validated user

DevOps Cloud and Data Senior Consultant at a outsourcing company with 51-200 employees

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“I did not evaluate other options before choosing CrateDB. The project was specific for CrateDB, and I was focused on it because of the large scaling aspect. For storage, I used MongoDB. For the analytics and querying aspect, I only opted for CrateDB and did not check any other database tools..”

Validated user

Data Analyst at a university with 5,001-10,000 employees

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ROI

Real user quotes about their ROI:

“I have seen a return on investment from using CrateDB as it helped save time. However, I am not certain if there was an exact return on investment because immediately after setting up the project, I left the company, so I did not have the opportunity to fully understand the return on investments..”

Validated user[Read full review](#) 

Data Analyst at a university with 5,001-10,000 employees

“I can assert that we saw a return on investment through time saved for sure. I do not have estimates for money saved or employee reduction, as we did not experience any shortage on that front. We did save time from the configuration and setup point of view since it was fairly easy for those with technical experience in Ubuntu or other Linux environments..”

Validated user[Read full review](#) 

DevOps Cloud and Data Senior Consultant at a outsourcing company with 51-200 employees

Use Case

“My main use case for CrateDB was to store the entire gameplay from our Asian clients at the workshop, which meant they were generating a large amount of gameplay on a daily basis.

“A specific example of the kind of gameplay data I stored in CrateDB includes rounds and transactions dedicated to slot games and casino games, with each round being one spin from a player, requiring storage of everything about the date, the time, the bet, the game, the different results of the round, and the balance after the round. I also worked with transaction types that included debit and credit, among many other things..”

FranciscoCampos

product owner at a manufacturing company with 10,001+ employees

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“I used CrateDB for a one-off project from April to August in 2025. My main use case was a digital twin project designed to create a FIWARE-based application with a focus on optimizing the data management and repository component. I used tools including Orion Context Broker, MongoDB, QuantumLeap, and configured CrateDB for advanced query and large-scale analytics. I ended up using Grafana for data visualization and monitoring with an interactive dashboard.

CrateDB performed excellently in handling large-scale analytics and integrating with other tools such as Grafana and Orion Context Broker. I was able to make some really nice analysis with CrateDB. Using Grafana for visualization was a scale-up approach because we needed the free version, and it was very beneficial seeing visualizations on Grafana while doing database analytics and SQL operations on CrateDB..”

Validated user

Data Analyst at a university with 5,001-10,000 employees

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“At my previous company, which was a security analytics tool, my main use case for CrateDB was to ingest any kind of logs from email, applications, firewalls, DNS, Microsoft, and other technology tools. We used to ingest logs, which are small text files with information of what occurred, and after a process of going through a Kafka queue, they would be stored in CrateDB as a long-term storage option. Later, we would retrieve this data to look for anomalies in a UI-based platform.

“CrateDB fit well into our pipeline and use cases in general terms. In some situations where the customer was very big or the data volume was huge, there might be a little delay because we were using CrateDB installed by us in AWS servers. Sometimes those servers were not powerful enough, so there was some delay, but after restarting it, all worked pretty well and I think it was a great solution for our use case.

“CrateDB positively impacted my organization by reducing the time needed for processes. Sometimes with other data tools, like Snowflake, it would take a long time to store and retrieve all the logs quickly. Its scalability was also impressive, as it was easy to start with one server and then horizontally scale to multiple nodes to retrieve data. These aspects stood out for our use case and helped my company gain more customers during my time there..”

Validated user[Read full review](#) 

DevOps Cloud and Data Senior Consultant at a outsourcing company with 51-200 employees

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.

“Integrations were great, as we used CrateDB with Kafka and other big data analytics tools like Hadoop. This compatibility between different technologies in an ETL scenario was key for us. The integrations were very important and they worked well with the mentioned technologies—Kafka, Hadoop, Logstash, and others..”

Validated user

DevOps Cloud and Data Senior Consultant at a outsourcing company with 51-200 employees

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Customer Service and Support

“I did not have to work with customer support directly, so I do not have any complaints. We managed to fix most of the issues ourselves without needing their involvement..”

Validated user

DevOps Cloud and Data Senior Consultant at a outsourcing company with 51-200 employees

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“I think our company was using an outdated version of CrateDB, which means we did not get support or have someone dedicated in-house, so I cannot speak to how the customer support was because we did not receive that..”

FranciscoCampos

product owner at a manufacturing company with 10,001+ employees

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Other Advice

“My advice for others looking into using CrateDB is to have the updated version in case they want to get support or have someone dedicated with expertise in this technology. I would rate this product a 7 out of 10..”

FranciscoCampos

product owner at a manufacturing company with 10,001+ employees

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“I did not notice any particular feature or query type that CrateDB performed better than other databases I have used, as aside from [PostgreSQL](#), CrateDB was the only other database I used simultaneously with MongoDB. However, I did not conduct much analysis using MongoDB because I only used it to store the data. With CrateDB, I used it for querying and making queries.

The outcomes I noticed were significant because for other databases, we were not able to make large-scale analytics, so CrateDB helped tremendously with that and saved time. The process from CrateDB to Grafana for visualization was just seconds, and updating the interactive dashboard regularly did not require much time—just one click was all it took.

Before starting with CrateDB, although it has a very easy user interface, it would be beneficial to check out a demo or watch YouTube videos demonstrating uses of CrateDB. Having foundational knowledge of basic querying concepts will make using CrateDB quite straightforward..”

Validated user

Data Analyst at a university with 5,001-10,000 employees

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“I think CrateDB did great in our use case, as it was a great solution for storing and retrieving data quickly. At the end of the day, there is a lot of parsing and steps along the way, and CrateDB was fast enough for our needs. At my previous company, they still use it up to today, and I think they are pretty happy with how it works and the kind of performance it provides.

“I would advise others looking into using CrateDB to have some technical experience in the background before starting to use it to avoid running into issues during setup.

“I do not have specific statistics on time saved, but for customer growth, I know we achieved an increase of thirty percent in our current customer volume once we switched to CrateDB.

“My company was just a customer of CrateDB and there were no other kinds of partnerships with them.

“CrateDB is deployed in various ways depending on the project and customer needs. In most cases, it is in AWS, which is a public cloud. In other cases, it is on-premises, installed on the servers of a company or even on my own company's servers.

“I would rate this review an eight overall..”

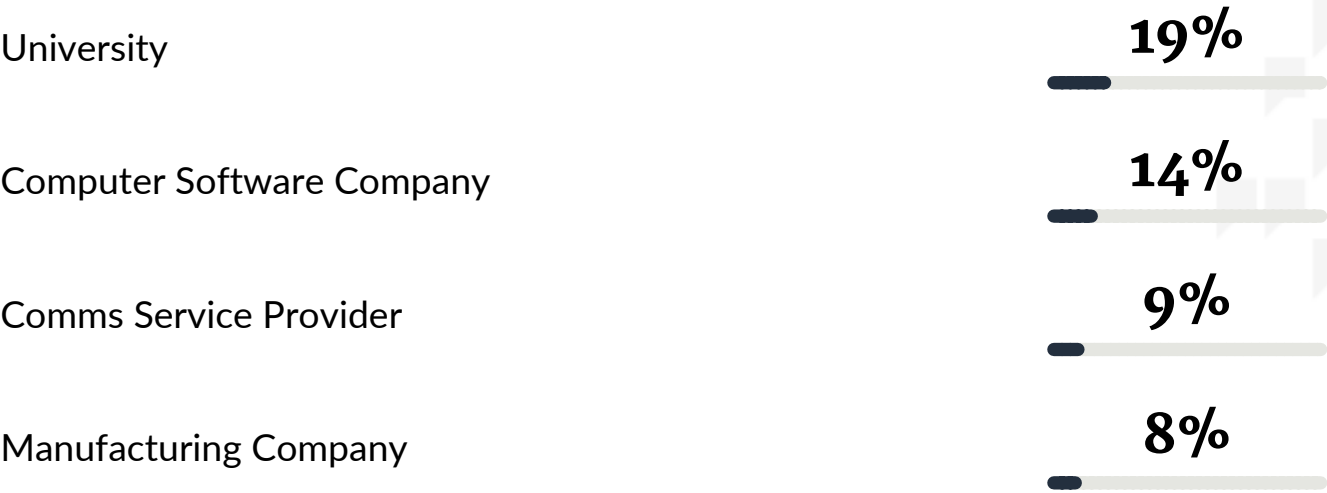
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Top Industries

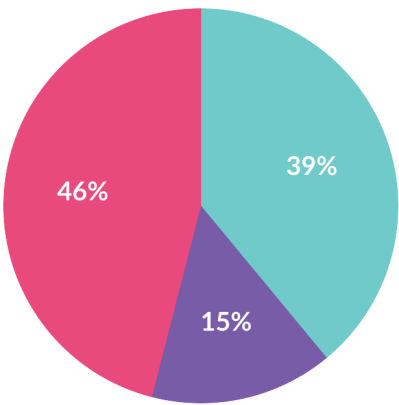
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Company Size

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Large Enterprise Midsize Enterprise Small Business

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