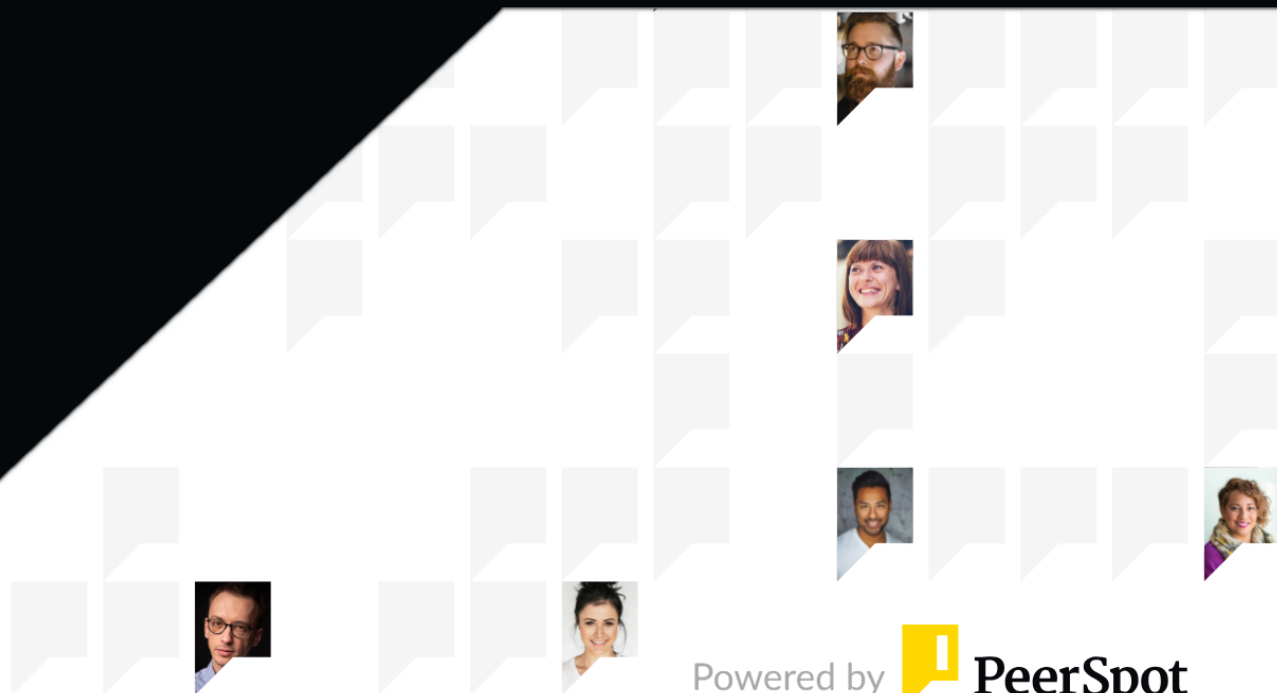




Cloudera Data Platform

Reviews, tips, and advice from real users



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Product Recap



Cloudera Data Platform

Cloudera Data Platform Recap

Cloudera Data Platform offers a powerful fusion of Hadoop technology and user-centric tools, enabling seamless scalability and open-source flexibility. It supports large-scale data operations with tools like Ranger and Cloudera Data Science Workbench, offering efficient cluster management and containerization capabilities.

Designed to support extensive data needs, Cloudera Data Platform encompasses a comprehensive Hadoop stack, which includes HDFS, Hive, and Spark. Its integration with Ambari provides user-friendliness in management and configuration. Despite its strengths in scalability and security, Cloudera Data Platform requires enhancements in multi-tenant implementation, governance, and UI, while attribute-level encryption and better HDFS namenode support are also needed. Stability, especially regarding the Hue UI, financial costs, and disaster recovery are notable challenges. Additionally, integration with cloud storage and deployment methods could be more intuitive to enhance user experience, along with more effective support and community engagement.

What are the key features?

- **Comprehensive Hadoop Stack:** Integrates HDFS, Hive, Spark for large-scale data operations.
- **User-Friendly Interface:** Managed through Ambari, simplifying configuration.
- **Seamless Scalability:** Efficiently handles growing data demands with ease.
- **Open-Source Flexibility:** Offers a customizable platform for specific needs.
- **Security Tools:** Includes Ranger for advanced data protection measures.
- **Data Science Workbench:** Provides a robust platform for data modeling.
- **Cluster Management:** Efficient deployment and governance capabilities.
- **Containerization Support:** Facilitates modern data processing environments.

What benefits and ROI should users expect?

- **Data Storage Flexibility:** Handles diverse data types, enhancing storage solutions.
- **Advanced Security:** Features tailored for data protection and compliance.
- **Scalability:** Cost-efficient management of expanding data requirements.
- **Operational Efficiency:** Streamlined processes through effective tools.
- **Data Science Integration:** Supports building and deploying models efficiently.
- **Industry Versatility:** Applicable across finance, healthcare, and more.

Cloudera Data Platform is implemented extensively across industries like hospitality for data science activities, including managing historical data. Its adaptability extends to operational analytics for sectors like oil & gas, finance, and healthcare, often enhanced by Hortonworks Data Platform for data ingestion and analytics tasks.

Valuable Features

Excerpts from real customer reviews on PeerSpot:



“Cloudera Data Platform has significantly improved our data management.”



Miodrag-Stanic

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



“Integration with other tools works well for us and we successfully scaled the solution after two to three years without any issues.”



Shan Hasan

Data Architect at ubl



“Distributed computing, secure containerization, and governance capabilities are the most valuable features.”



Sachin Shukre

Sr Manager at a transportation company with 10,001+ employees



“It is a scalable platform.”



Leslie Mavonyani

Head of technical and projects at BI Dynamics Pty Ltd



“The upgrades and patches must come from Hortonworks.”



TonyOladipo

Senior Cloud Storage Engineer at Comcast Business



“The product offers a fairly easy setup process.”



Prashant Singh

Vice President -Product Management at Paytm



“The scalability is the key reason why we are on this platform.”



Verified user

Data Science and Data Engineering Leader | Senior Principal Data Scientist at a healthcare company with 10,001+ employees

What users had to say about valuable features:

“The upgrades and patches must come from Hortonworks. Therefore, if we encounter any problems, they will be responsible for addressing them. This is one of the instances where we have to rely on them for all the upgrades..”

TonyOladipo

Senior Cloud Storage Engineer at Comcast Business

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“A few of them, namely: Hive/Tez, HBase, Ranger, Yarn and Ambari. Ambari helps managing the platform, Hive is very easy to use. Ranger for security; with Ranger we can manager user’s permissions/access controls very easily..”

Verified user

[Read full review](#) 

Works at a comms service provider with 10,001+ employees

The foremost benefit is offloading data from the warehouse to Cloudera Data Platform, which allows for cheaper storage. We use it to push transformations and run ETL processes, leveraging tools like Spark. Cloudera also supports various functionalities, including AI and Gen AI tools. Basic reporting and some real-time functions are manageable on the platform.

Shan Hasan

[Read full review](#) 

Data Architect at ubl

“We evaluated Cloudera and Hortonworks. Based on our evaluation and actual experience in production of 60 nodes and development of 12 nodes, the most valuable features of Hortonworks are:

- 100% open
- No lock-in like Cloudera
- Fast and accurate support instantly
- Largest number of committers to Hadoop by any means
- Hive is better in performance and ease of use compared to Impala

Verified user

[Read full review](#) 

Big Data - Senior Solutions Architect at a tech vendor with 10,001+ employees

“Cloudera Data Platform has significantly improved our data management. Distributed computing with Spark has enabled many processing types that were not possible before. By using the Hadoop File System for distributed storage, we have 1.5 petabytes of physical storage with 500 terabytes of effective storage due to a replication factor of three..”

Miodrag-Stanic

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

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“One of the most valuable features is that you can configure your data nodes in the big data. Whatever you want. Normally, for example, if you are testing websites and Hash clouds and other sites, in most of them you must manage more than three or four requirements. For example, you must install each feature, you must compile some additional things, and also you must manage more than three configuration files to enable all the nodes to work together. In the Hortonworks solution, you just need the service, and you just want to install it once to get started on projects easily. You can just click run and it's already installed and you can create and communicate between your services..”

Oguzhan Herkiloglu

Senior HPC and BigData Architect at Bitnet

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Other Solutions Considered

“Previously, we used Cloudera Data Platform (CDP), which turned out to be a cloud-based Azure infrastructure, and implemented metadata solutions like Hive and others..”

Sachin Shukre

Sr Manager at a transportation company with 10,001+ employees

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“We did look at Cloudera, but due to having literally no money to spend for the project, we chose Hortonworks due to its being completely free and open source..”

Verified user

Cyber Security and Analytics Engineer at a government with 1,001-5,000 employees

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“I did not really made the choice, as the client made it dependent on their experience, functionality of each distribution, privacy of the data and the licensing/support price..”

Verified user

ICT Consultant (Advanced Infrastructure) at a tech services company with 1,001-5,000 employees

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“We need to upgrade and are considering Cloudera. It also used to be free, and now that we have to pay for this product, we are looking to move off of it and onto potentially Cloudera. .”

Prashant Singh

Vice President -Product Management at Paytm

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“Hadoop is complex. It takes a dedicated approach from individuals with a broad range of technology skills and commitment to overcome challenges that do not normally present themselves in well-established technologies..”

Verified user

Principal Consultant - Big Data with 501-1,000 employees

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“We previously used a different solution. We switched from Cloudera. Initially, we went with Cloudera due to it being a popular choice in the market, etc, then realized it was bad choice. Before we scaled from 6 nodes to 12 nodes and before we went live in production, we scrapped it due to Impala's performance and lock-in..”

Verified user

Big Data - Senior Solutions Architect at a tech vendor with 10,001+ employees

[Read full review](#) 

ROI

Real user quotes about their ROI:

“Every project is different. Since Hadoop is an infrastructure for a long period there is no simple ROI. Also, each customer has different expectations..”

Verified user

Data science engineer at a tech services company with 501-1,000 employees

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Use Case

“There are a lot of use cases for the Hortonworks Data Platform. We use it alongside GPFS, so most of the information we use for operational analytics is primarily on the Hortonworks Data Platform..”

TonyOladipo

Senior Cloud Storage Engineer at Comcast Business

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“We use Hortonworks as a storage platform and then we create machine learning models and do the execution using Cloudera Data Science Workbench. (Cloudera and Hortonworks merged in January of 2019.) .”

Verified user

Data Science and Data Engineering Leader | Senior Principal Data Scientist at a healthcare company with 10,001+ employees

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The primary usage of Cloudera Data Platform is to offload ETL processes because it's cheaper compared to data warehouse solutions like Teradata or Oracle. Furthermore, basic reporting can be done, and some real-time processes can be managed.

Shan Hasan

Data Architect at ubl

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“We use it for multiple domains, including oil & gas, finance (Morgan Stanley), and healthcare. We process around 186 TB of data per day for analytics purposes.

Currently, we use it for healthcare domain. .”

Sachin Shukre

Sr Manager at a transportation company with 10,001+ employees

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“We heavily use Cloudera Data Platform for data science activities. Various departments in the company utilize it as a sandbox for data discovery. We have multiple data pipelines running on a daily and hourly basis, along with some real-time data pipelines..”

Miodrag-Stanic

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

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“We use this solution to look at and manage big data. It's mostly historical data that we offload from our data warehouse, as well as from other databases in other platforms.

We have two different installations. The first one is based on IBM POWER CPUs, and the other one is based on Intel CPUs. Our data center is on-premise. There is some thought on moving to a private cloud, or a private IBM cloud, but we have not proceeded with that as of yet..”

Verified user

Senior IT Officer- Head of Administration, System Administration Division
for Unix and Linux Servers at a financial services firm with 10,001+
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 may take several hours or days, depending on the challenges faced during installation. It's not always a smooth process due to potential complexities.

Shan Hasan

Data Architect at ubl

[Read full review](#) 

“The initial setup could be more straightforward. It would help if you are technically inclined to follow the necessary steps. There could be easy ways to set it up. It takes 45 minutes to complete and requires a team of five people to execute the process..”

Leslie Mavonyani

Head of technical and projects at BI Dynamics Pty Ltd

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“The initial setup is not very difficult. The configuration is not easy, but somebody with some experience is able to set it up. We had users for which we had to set up quotas and queues. For us, the basic installation was completed within a matter of a week..”

Verified user

[Read full review](#) 

Senior IT Officer- Head of Administration, System Administration Division
for Unix and Linux Servers at a financial services firm with 10,001+

employees

“The initial setup is so easy. You can just watch a video. It's handy. If you have some knowledge of computer networking and computer clusters, it is so easy. Deployment time depends on the project and the project size. Sometimes it takes more than three hours to complete..”

Oguzhan Herkiloglu

Senior HPC and BigData Architect at Bitnet

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“The setup was very difficult on non-cloud platforms. We had to implement a version-based approach. However, it became simpler with the use of Docker. We used to do it HDP sandboxes and VM boxes and then created clusters in the ancient days. Now, on cloud platforms, it's much easier, just a matter of a few clicks. That's another approach we can take..”

Sachin Shukre

[Read full review](#) 

Sr Manager at a transportation company with 10,001+ employees

“The solution is fairly simple to set up. It's not too complex or difficult. If you know the solution, it's easy. However, there is a learning curve. If you don't know anything about it, it can be more complex.

You can typically deploy it within a week. We have five or six people capable of handling a deployment. .”

Prashant Singh

[Read full review](#) 

Vice President -Product Management at Paytm

Customer Service and Support

“We don't have their paid support, but I have had discussions with their engineers and they have been extremely helpful. So based on that, I would give them 8/10..”

Verified user

[Read full review](#) 

Cyber Security and Analytics Engineer at a government with 1,001-5,000 employees

“Now, the customer support is Cloudera. We are in discussions about migrating it to Cloudera. As we are still in the discussion phase, we have yet to work with technical support..”

Prashant Singh

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Vice President -Product Management at Paytm

“I have frequently contacted technical support for both Cloudera and Hortonworks.

We have an IT system to raise issues against their team. Issues usually get attended by someone at an L1, L2, or L3 support level. They connect with us directly..”

Sachin Shukre

[Read full review](#) 

Sr Manager at a transportation company with 10,001+ employees

Customer Service:

They are detailed and informational.

Technical Support:

We got stuck with Java job development and were able to get assistance from tech support..”

Verified user

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Business Objects Consultant at a manufacturing company with 1,001-5,000 employees

Customer Service:

I never interacted with customer support.

Technical Support:

Cloudera and vanilla Big Data tech. We continue to use them alongside HortonWorks, depending on our clients preferences and needs..”

Verified user

[Read full review](#) 

Big Data Consultant at a tech services company with 51-200 employees

Customer Service:

Customer service has been excellent from the day one until now... and our Admin is comfortable with the SLA and turnaround time.

Technical Support:

Technical support is very good and proactive with SmartSense..”

Verified user

Big Data - Senior Solutions Architect at a tech vendor with 10,001+ employees

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Other Advice

I recommend Cloudera Data Platform. Overall, I would rate it a seven out of ten despite the complexities in deployment. I suggest including my alternative email address for contact in case of access issues. The overall product rating is seven out of ten.

Shan Hasan

Data Architect at ubl

[Read full review](#) 

“If you wish to use this solution, make sure you compare it with some other solutions first to make sure it's right for your needs.

Overall, on a scale from one to ten, I would give this solution a rating of nine..”

Wallace Hugh

Manager at a tech services company with 201-500 employees

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“For on-premise use, I would not recommend Cloudera Data Platform as it is expensive and complicated to upgrade. However, for cloud usage, I am uncertain as I do not use it on the cloud. Currently, around thirty to forty people use Cloudera Data Platform in our organization. My final rating for Cloudera Data Platform is seven out of ten..”

Miodrag-Stanic

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

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“I would rate Hortonworks Data Platform an eight out of ten. The solution delivers on its promises, and Hortonworks provides a sandbox for testing before making a purchase.

The maintenance requires a lot of people, including the DRE and IRE teams.

It is not practical for most organizations that lack large amounts of resources to maintain their own data platform. The Hortonworks Data Platform makes it easier for such organizations..”

TonyOladipo

Senior Cloud Storage Engineer at Comcast Business

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“We're a customer and end-user.

We are not using the latest version. We have to upgrade it too, which that's why we are looking at Cloudera now.

Hortonworks is at end of life. They are not adding new things to this, so everything will be Cloudera now.

I'd rate it seven out of ten..”

Prashant Singh

Vice President -Product Management at Paytm

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“I recommend a mature decision-making model. Assess your specific needs and use cases. If HDP suits your requirements, use it. Otherwise, there are many advanced options available. Review and choose the best one for your use case.

Overall, I would rate the solution a nine out of ten.

I simply love this technology when it comes to new developments. And I've been working with it for the past twelve to thirteen years. However, with the emergence of new technologies, there might be a chance that I would reduce one point because there's room for improvement. .”

Sachin Shukre

Sr Manager at a transportation company with 10,001+ employees

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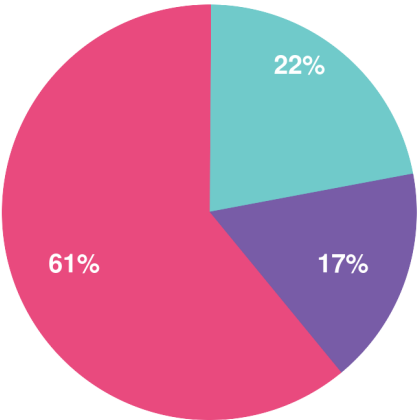
Top Industries

by visitors reading reviews

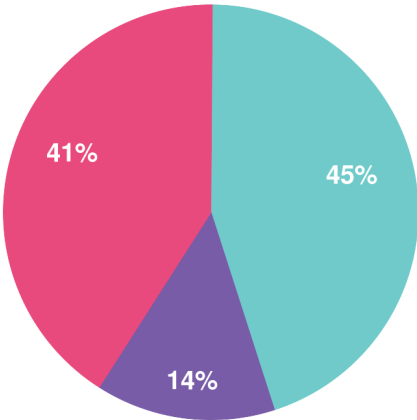


Company Size

by reviewers



by visitors reading reviews



Large Enterprise Midsized Enterprise Small Business

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PeerSpot

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

reports@peerspot.com

+1 646.328.1944