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Saturn Cloud

Reviews, tips, and advice from real users






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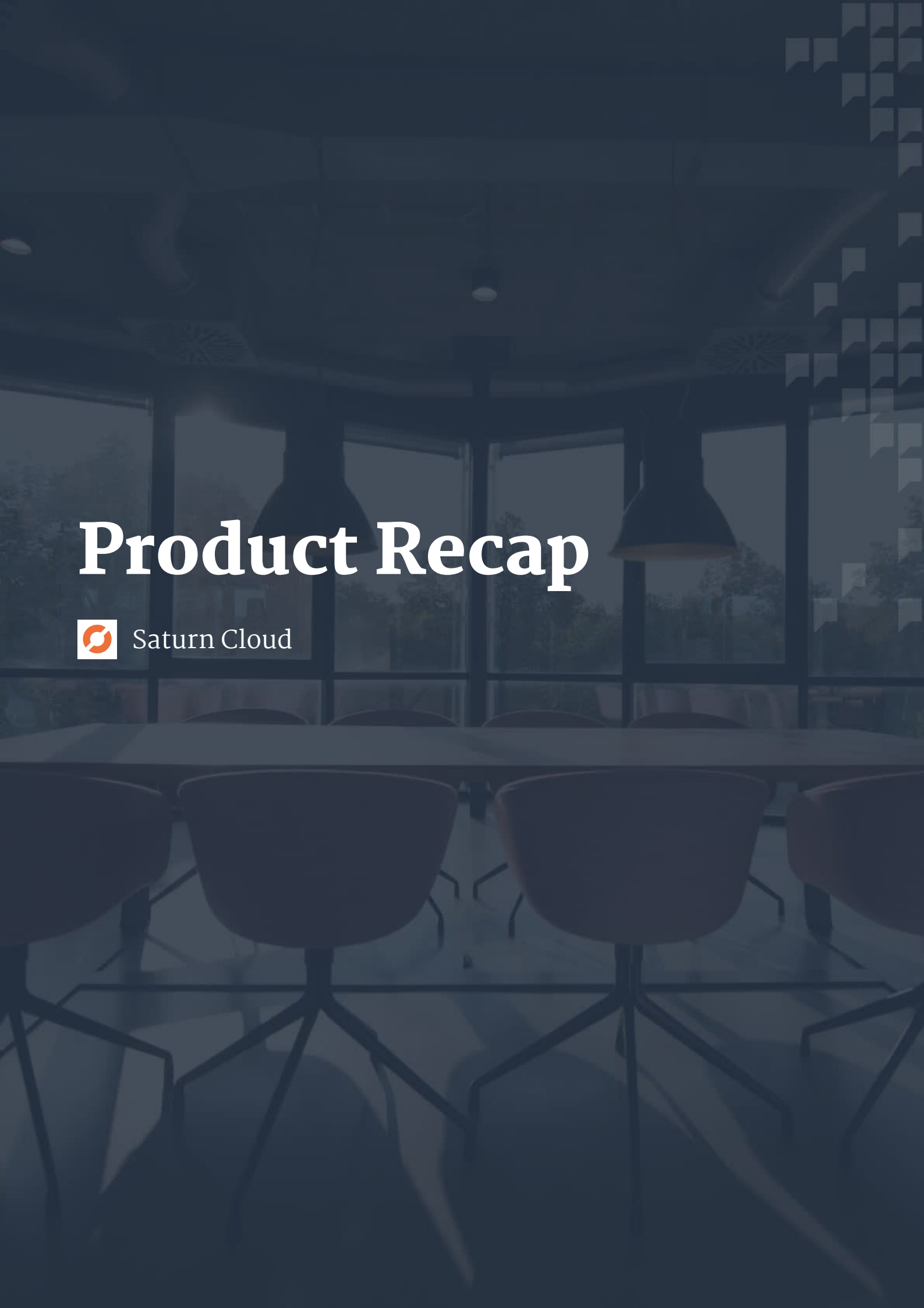

Product Recap

Saturn Cloud

Saturn Cloud Recap

Saturn Cloud is a cloud-based data science and machine learning platform that provides a scalable, flexible, and easy-to-use environment for data scientists and machine learning engineers. Saturn Cloud offers a variety of features and tools for data science, including: Compute resources (including CPUs, GPUs, and Dask clusters), Storage (object, block, and ephemeral storage), Networking, a variety of integrations with ML tools such as JupyterLab, RStudio, and TensorFlow.

Saturn Cloud is a good choice for data scientists and machine learning engineers who need a scalable, flexible, and easy-to-use environment.

Saturn Cloud also makes it easy to collaborate with other data scientists and machine learning engineers. You can share projects, notebooks, and data with others, and you can track changes to your work.

Valuable Features

Excerpts from real customer reviews on PeerSpot:

- “They provide a centralized space for data, code, and results.”

Filip Stefanovski

Works at a tech consulting company with 51-200 employees

- “There is plenty of computational resources (both GPU, CPU and disk space).”

Alessandro Trinca Tornidor

Sviluppatore software at TeamSystem

- “It offered an excellent development environment while not touching our production cloud resources.”

Verified user

Tech Lead - Cloud Platforms at Nubimetrics

- “It didn't take long to see that Saturn Cloud could scale with my needs, providing more resources when required.”

Verified user

Master Thesis at KTH | Kungliga Tekniska högskolan

- "Saturn Cloud supports GPU as part of the environment, which is essential for many computational tasks in machine learning projects. It also allows us to edit the environment, including the image, before we start the cloud resources. This feature lets us quickly set up the environment without the hassle of moving the data and code to another cloud device."

Baskar Sambandamurthy

Data Scientist

- "The feature I like the most about Saturn Cloud is that it has lightning-fast CPUs."

Verified user

Works

What users had to say about valuable features:

"The feature I like the most about Saturn Cloud is that it has lightning-fast CPUs. It even provides you with lots of free computing resources up front.

If you are able to run models multiple times with different tweaks, you can come up easily with an optimal hyperparameter set. Since fine-tuning is an important part of deployment, prototyping, and iterating quickly would get you a head start against your competitors - no matter whether you are in academia or in industry work. ."

Verified user
Works

Read full review

"Their Dask cluster support is a standout feature. Setting up a cluster takes mere clicks, making it incredibly simple to harness distributed computing power. I love the flexibility to scale environments up or down. This lets me optimize for performance during intensive tasks and save costs during less demanding phases. Shared folders are a game-changer for collaboration.

They provide a centralized space for data, code, and results. Also, I can set up pre-boot scripts, which would allow me to configure the instances with all the libraries I need for the particular task.."

Filip Stefanovski
Works at a tech consulting company with 51-200 employees

Read full review

"1) Mainly Jupyter Labs Server and Dask Clustering.

2) A stable Jupyter Lab was great for testing some of its features in a completely isolated way. Some testing on our own resources would have an impact on production or have an impact in case of a failure, which is not the case. In a few minutes, we were able to clean up everything and start again from scratch.

3) GitHub integration was a highly useful feature, excellent for QA analysis, and testing the approved code on a standard environment, without any IaaS development.."

Verified user
Tech Lead - Cloud Platforms at Nubimetrics

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"One of the features I appreciate the most about Saturn Cloud is its seamless integration with Jupyter notebooks. It provides an interface that I am familiar with and use extensively. It makes it easy for me to run, track, and debug my RL models.

The second feature I like is the ability to easily scale up and down the resources (like GPUs and CPUs), providing a flexible and cost-effective solution.

The third feature that is useful is the availability of pre-configured environments. It saves a lot of time and hassle, especially when working with complex setups involving packages like CUDA and PyTorch.."

Verified user
Master Thesis at KTH | Kungliga Tekniska högskolan

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"The solution is valuable thanks to:

- plenty of computational resources (both GPU, CPU and disk space)

- a big amount of Docker image recipes

- SSH connection on free subscriptions On Google Colab, the biggest competitor in this field, this feature works only for PRO subscriptions

- possibility to personalize the characteristics of the new virtual environment directly from the dashboard page, adding new environment variables

- installing Python pip or CONDA packages and also system packages

- definition of a custom script that will be executed during the system boot process."

Alessandro Trinca Tornidor
Sviluppatore software at TeamSystem

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Other Solutions Considered

“I also tried Google Colab. I switched since Colab is a little limited for normal use cases based on LLM (at the moment, disk space is only 10GB), and it restricts SSH access on PRO subscriptions..”

Alessandro Trinca Tornidor
Sviluppatore software at TeamSystem

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“Before using Saturn Cloud, I was primarily running models on my laptop and occasionally using Colab. However, Colab was not feasible with the captchas and deleting the runtimes after a few minutes of being away from the keyboard.

As my models became more complex and required more computational power, I found that this was not scaling well with my needs. I switched to Saturn Cloud primarily for its superior computational power, scalability, and ease of use. In the beginning, the free 30 hours of computing convinced me to try it..”

Verified user
Master Thesis at KTH | Kungliga Tekniska högskolan

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Use Case

“We use Saturn Cloud to perform data analysis on large volumes of data. Saturn fetches and updates data, We can use it for machine learning training and prediction, and perform experimental work on various data using multiple machine learning techniques. In some cases, parallel computation is also required to perform the analysis as quickly as possible.

The environment has eight CPU cores and 64 GB RAM. In some cases, we are using GPU. The development environment includes Python, Scikit Learn, XGBoost, Jupyter Lab, and Jupyter Notebook..”

Baskar Sambandamurthy
Data Scientist

Read full review

"I am primarily using Saturn Cloud as a student, primarily for training deep reinforcement learning (RL) agents. My projects usually involve Python 3.10, CUDA, and PyTorch and they typically require heavy computation power like GPUs and multi-core CPUs.

Saturn Cloud's environment has been able to sufficiently cater to these needs, providing a platform where I can run and manage these resource-intensive tasks easily. The support has been very helpful in clearing up questions, such as creating a custom image.."

Verified user
Master Thesis at KTH | Kungliga Tekniska högskolan

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"I use Saturn Cloud to run my machine learning models.

Since it is super fast and has lots of choices of language support and libraries.

It also gives storage for my large datasets (images, text corpus..). For example, one project was OCR (computer vision). It can scan an answer sheet and grade it automatically.

When I need to fine-tune and tweak the models, it was impressive. Saturn Cloud makes it so easy and fast to do so. This is an advantage in the industry when you can do prototype and software iteration quickly.."

Verified user
Works

Read full review

“I'm leveraging a cloud-based platform for competitive machine learning. Tight deadlines and resource-intensive models demand powerful hardware. The cloud provides scalable GPUs and RAM, letting me experiment with cutting-edge architectures without limitations.

Its collaborative features are perfect for distributed teams, enabling seamless code sharing and analysis. I stay focused on model development, not infrastructure, thanks to the platform's streamlined setup.

My toolkit – Python, Jupyter Notebooks, and standard data science libraries – works seamlessly in the cloud environment. This ensures a smooth transition from local prototyping to large-scale competition training..”

Filip Stefanovski

Works at a tech consulting company with 51-200 employees

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“Saturn Cloud provides a hosted environment where it's possible to work with various software programming tools (e.g., Jupyter Python notebooks, Julia, R and more).

The system is containerized and accessible both via Jupyter Notebook web pages and SSH—a feature that Google Colab restricts to PRO subscriptions only. I’m currently working on porting a machine learning project to CPU, which provides image Segmentation via Large Language Models. This project handles both image description, image analysis and image object segmentation. Since this project currently relies on CUDA and my local PC has no Nvidia GPUs, I’ve found the computational resources and ease of use provided by Saturn Cloud to be invaluable..”

Alessandro Trinca Tornidor
Sviluppatore software at TeamSystem

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“We use the solution for development, testing, and experiments. Here are some examples of how we use it:

1) There are some workloads that would be really uncomfortable to test in Visual Studio and require more than Google Collab and Azure Notebooks.

2) Testing that's pretty extensive and that's great to have a sensible offering ready in just a few minutes.

3) Saturn's R environment offering is by far the best cloud offering. Lots of time was saved on building a stable environment just by working with Saturn's offering.

4) Some experiments involving code that would crash other environments were performed in a stable, isolated, and secure way. .”

Verified user
Tech Lead - Cloud Platforms at Nubimetrics

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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 setup was easy. We just needed to choose the templates or start a new server, with (Python) libraries. You need extra software if you want a normal Linux computer.."

Verified user

Works

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"The initial setup is easy. It only needed to pay attention to the hardware features (e.g., I need CUDA capabilities in my example, so I chose a T4-XLarge instance with a Nvidia T4 GPU) and install Python or system dependencies. Also, pay attention to the Docker image version: an older project will need an older Docker version."

Alessandro Trinca Tornidor

Sviluppatore software at TeamSystem

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Customer Service and Support

"Customer service and support were perfect. I just needed to email the issues and they got resolved quite fast and with details. The first time the blocker was removed soon. The second time, I was asked something that was a bit out of range and I still received great help. I was a bit surprised support team could get so technical in general.."

Verified user
Works

Read full review

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