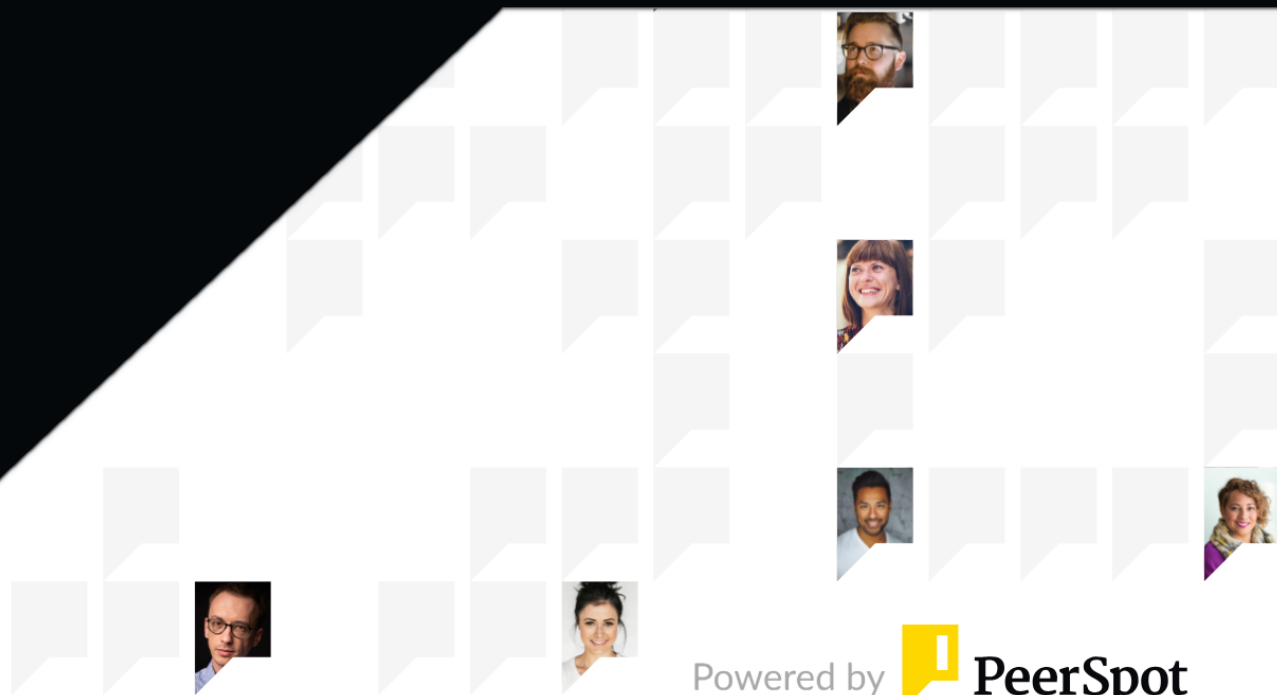


aws marketplace

Hugging Face

Reviews, tips, and advice from real users



Powered by  PeerSpot

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Product Recap



Hugging Face

Hugging Face Recap

Hugging Face offers a platform hosting a wide range of models with efficient natural language processing tools. Known for its open-source nature, comprehensive documentation, and a variety of embedding models, it reduces costs and facilitates easy adoption.

Valued in the tech community for its ability to host diverse models, Hugging Face simplifies tasks in machine learning and artificial intelligence. Users find it easy to fine-tune large language models like LLaMA for custom data training, access a library of open-source models for tailored applications, and utilize options like the Inference API. The platform impresses with its free usage, popularity of trending models, and effective program management, although improvements could be made in security and documentation for more customizable deployments. Collaboration with ecosystem library providers and better model description details could boost its utility.

What are the key features of Hugging Face?

- **Wide model hosting:** Offers a vast array of models for diverse applications.
- **Inference API:** Provides efficient and seamless deployment of models.
- **Open-source access:** Encourages community collaboration and model sharing.
- **Embedding models:** Supports various formats and packages.
- **Simple platform:** User-friendly and cost-effective for businesses.

What benefits can users expect from Hugging Face?

- **Cost reduction:** Access to free or lower-cost tools compared to proprietary software.
- **Customization:** Easy adaptation of pre-trained models to fit specific needs.
- **Efficiency:** Quick deployment and fine-tuning of models for business use.
- **Community support:** Comprehensive documentation and open-source collaboration.

Hugging Face is widely used across industries requiring machine learning solutions, such as creating SQL chatbots or data extraction tools. Organizations focus on fine-tuning language models to enhance business processes and remove reliance on proprietary systems. The platform supports innovative applications, including business-specific AI solutions, demonstrating its flexibility and adaptability.

Valuable Features

Excerpts from real customer reviews on PeerSpot:



“I appreciate the versatility and the fact that it has generalized many models.”



Swaminathan Subramanian

Director/Enterprise Solutions Architect, Technology Advisor at Kyndryl



“Overall, the platform is excellent.”



Khasim Mirza

Independent IT Security Consultant at Kinetic IT



“The most valuable features are the inference APIs as it takes me a long time to run inferences on my local machine.”



Melek Ghouma

Student at Renater



“There are numerous libraries available, and the documentation is rich and step-by-step, helping us understand which model to use in particular conditions.”



Neeraj Maurya

Artificial Intelligence Consultant at GlobalLogic



“The product is reliable.”



AshishKumar11

Associate Software Engineer at Linkfields Innovations (Pty) Ltd



“The tool's most valuable feature is that it's open-source and has hundreds of packages already available. This makes it quite helpful for creating our LLMs.”



Rohit Patel

Generative AI Developer at Rack Ai Private Limited



“My preferred aspects are natural language processing and question-answering.”



Seza Dursun

Senior Data Science Consultant at TUPRAS

What users had to say about valuable features:

“Hugging Face provides open-source models, making it the best open-source and reliable solution. Currently, Hugging Face is the best solution for exploring many models. There are several models that we can use in real life. There are several words, and we can use a Hugging Face model like NER to accept only limited words from a text..”

Devendra (Dev) Mandloi

Data scientist at Self-employed

[Read full review](#) 

“The solution is open-source. There are so many models available for usage, especially for prototyping. You can play around with text-to-text, text-to-image, and text-to-video. They have also provided the Inference API as part of the WebUI for a smaller model. You can play around with their website..”

Vikas Singhvi

Founder at AIM

[Read full review](#) 

“My preferred aspects are natural language processing and question-answering. It aids us in efficiently discovering effective features and models. The ability to enlarge and tag faces has assisted me in finding effective and well-documented packages. I incorporate their favored methods and utilize various packages and formats in my work..”

Seza Dursun

Senior Data Science Consultant at TUPRAS

[Read full review](#) 

“The tool's most valuable feature is that it shows trending models. All the new models, even Google's demo models, appear at the top. You can find all the open-source models in one place. You can use them directly and easily find their documentation. It's very simple to find documentation and write code. If you want to work with AI and machine learning, Hugging Face is a perfect place to start..”

Neeraj Pokala

Machine Learning Engineer at TechMinfy

[Read full review](#) 

“Hugging Face is valuable because it provides a single, comprehensive repository with thorough documentation and extensive datasets. It hosts nearly 400,000 open-source LLMs that cover a wide variety of tasks, including text classification, token classification, text generation, and more. It serves as a foundational platform offering updated resources, making it essential in the AI community..”

Khasim Mirza

Independent IT Security Consultant at Kinetic IT

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“I like that Hugging Face is versatile in the way it has been developed. I appreciate the versatility and the fact that it has generalized many models. I'm exploring other solutions as well, however, I find Hugging Face very user-friendly.

I am still building my knowledge of it. From my perspective, it's very easy to use, and as you ramp up, you discover new aspects about it..”

SwaminathanSubramanian

Director/Enterprise Solutions Architect, Technology Advisor at Kyndryl

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Other Solutions Considered

“I have previously used GitHub for codes and models. I still use it from time to time when I want to double-check something, but I use Hugging Face regularly..”

Tong Zhang

Lead RND Engineer, Data Scientist at IDMED, Beijing China

[Read full review](#) 

“Various closed-source models like ChatGPT charge us for every call we make. For example, if I make a call in ChatGPT, it will cost us \$20. Hugging Face is an open-source model. It doesn't charge anything. ChatGPT has better functionalities than other open-source tools. However, I think open-source products will increase their functionalities in the future and compete with OpenAI..”

AshishKumar11

Associate Software Engineer at Linkfields Innovations (Pty) Ltd

[Read full review](#) 

“I started using Hugging Face because I'm still prototyping. Other vendors are pretty managed offerings with many costs in getting code built out, whereas Hugging Face is free.

Alternatives like Vertex OpenAI and Azure OpenAI offer access to large language models, but most platforms are closed and restrict fine-tuning. This is where Hugging Face shines. Its open nature allows for fine-tuning of models, providing a significant advantage. Additionally, if data security is a concern, enterprises can deploy their own Hugging Face model as an endpoint or local instance, avoiding the need to send data to externally managed offerings. This flexibility and control over data makes Hugging Face a compelling choice for producing large language models..”

Vikas Singhvi

Founder at AIM

[Read full review](#) 

Use Case

“I use Hugging Face primarily to work with open LLM models. I recently started using the open LOM models and also use embedding models. I use these models to train custom data and monitor our desktop custom models after training and deployment..”

Neeraj Maurya

Artificial Intelligence Consultant at GlobalLogic

[Read full review](#) 

“We use the tool to extract data from a PDF file, give the text data to any Hugging Face model like Meta or Llama, and get the results from those models according to the prompt. It's basically like having a chat with the PDF file..”

Vikas_Gupta

Python/AI Engineer at Wokegenics Solutions Private Limited

[Read full review](#) 

“I had to perform training on a model when I worked as a data scientist. There is already a pre-trained model, and we train our model on our custom data. We can accept things from this pre-trained model that has already been trained on a huge amount of data..”

Devendra (Dev) Mandloi

Data scientist at Self-employed

[Read full review](#) 

“I have been using Hugging Face for proof of concepts (POC) and a generative AI project. Currently, I'm trying to use it with Tala and Olaama, along with some other AI tools as I build up my knowledge of AI and generative AI..”

SwaminathanSubramanian

Director/Enterprise Solutions Architect, Technology Advisor at Kyndryl

[Read full review](#) 

“Hugging Face is a website that provides various open-source models. We use them to finetune models for our business. It is just like ChatGPT, but ChatGPT has paid sources. If we have to call an API, we must pay for it. However, Hugging Face has various open-source models like Llama 2 and Llama 3 that provide similar functionalities to ChatGPT. We use Llama 2 with 6 billion parameters to finetune the data for our business..”

AshishKumar11

Associate Software Engineer at Linkfields Innovations (Pty) Ltd

[Read full review](#) 

“I am working on AI with various large language models for different purposes such as medicine and law, where they are fine-tuned with specific requirements. I download LLMs from Hugging Face for these environments. I use it to support AI-driven projects and deploy AI applications for local use, focusing on local LLMs with real-world applications..”

Khasim Mirza

Independent IT Security Consultant at Kinetic IT

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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.

“Initial setup can be challenging since it's not just dependent on Hugging Face but also on the overall architecture, whether you're using Kubernetes or Docker..”

Neeraj Maurya

Artificial Intelligence Consultant at GlobalLogic

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“The installation is easy if the computer or laptop has good hardware, RAM, and NVIDIA graphics card. If a system has a low RAM, the installation will be difficult..”

AshishKumar11

Associate Software Engineer at Linkfields Innovations (Pty) Ltd

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“The initial setup can be rated as a seven out of ten due to occasional issues during model deployment, which might require adjustments. Recent developments have made the process easier though..”

Khasim Mirza

[Read full review](#) 

Independent IT Security Consultant at Kinetic IT

“Deployment can be challenging, but it becomes more manageable with the right education or by watching a tutorial. Many data science students might find it difficult to use. They need to learn about LLMs.

Since we have learned, we can use it easily. It takes two to three hours to deploy..”

Mustafa Kurt

[Read full review](#) 

Operations Manager at Best Stocktaking Ltd

“We have two deployment options: cloud and on-premises. On-premises means it's on-demand, and we have to monitor it. With cloud deployment, there's no need to watch for availability because it's always handled in the cloud. There should be no problems with cloud deployment. If we deploy on-premises, we have to monitor it ourselves. That's the main difference. We have both options available.

It's very easy to deploy an endpoint because there's already pre-built documentation. With just one click, you can directly load the knowledge handler. The challenging part is determining if the model suits our customized use case, which takes time. Once we're sure the model is right for our use case, it's straightforward..”

Neeraj Pokala

Machine Learning Engineer at TechMinfy

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Other Advice

“Hugging Face is suitable if you are serious about your product and want to keep your data private instead of using peer services. It's good for learning and exploring AI models..”

Neeraj Maurya

Artificial Intelligence Consultant at GlobalLogic

[Read full review](#) 

“Overall, the platform is excellent. For any AI enthusiast, Hugging Face provides a broad array of open-source models and a solid foundation for building AI applications. Using an on-premises model helps manage errors in critical environments. I rate Hugging Face as an eight out of ten..”

Khasim Mirza

Independent IT Security Consultant at Kinetic IT

[Read full review](#) 

“Joining the Hugging Face community can provide additional support. It allows for collaboration on models and datasets, offering quick insights on how the community is using it.

I rate the solution a seven out of ten..”

SwaminathanSubramanian

Director/Enterprise Solutions Architect, Technology Advisor at Kyndryl

[Read full review](#) 

“To use Hugging Face, you need to have basic knowledge of how to feed the data, how to speed data, how to train the model, and how to evaluate the model. Compared to other frameworks like PyTorch and TensorFlow, I'm more comfortable with using Hugging Face. I would recommend the solution to other users.

Overall, I rate the solution seven and a half out of ten..”

Vikas_Gupta

Python/AI Engineer at Wokegenics Solutions Private Limited

[Read full review](#) 

“The solution is deployed on the cloud in our organization. Hugging Face provides many open-source models like Meta and Gemma that are performing very well. When someone puts their model on Hugging Face, they provide us with all the steps. We can follow those steps and train our model. This is the best thing I have seen by Hugging Face.

Several IT industries in India are unable to purchase models like ChatGPT. Hugging Face provides open-source models, making it the best open-source and reliable solution. I would recommend the solution to other users. Users can easily use Hugging Face after watching YouTube videos on how to use it. It is easy to learn to use Hugging Face.

Overall, I rate the solution an eight out of ten..”

Devendra (Dev) Mandloi

Data scientist at Self-employed

[Read full review](#) 

“I've been trying to implement some chatbots, and having free access to [Hugging Face](#) helped me a lot.

I use [PyTorch](#) and [TensorFlow](#) to implement other deep-learning models and access LLMs. Each one of these tools has its own purpose. Python is used for deep learning projects to train and fine-tune models at the deep learning level, while for Hugging Face, it's mainly for the transformers library and LLM APIs. I cannot compare them directly. For me, it's about access to datasets and models.

I would rate this product nine out of ten. .”

Melek Ghouma

Student at Renater

[Read full review](#) 

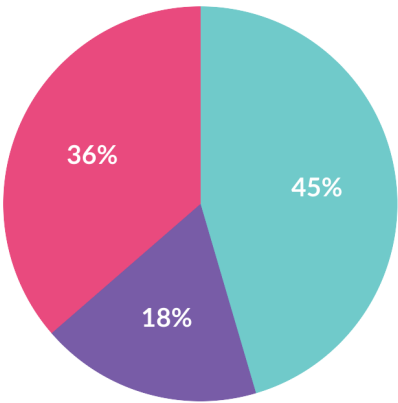
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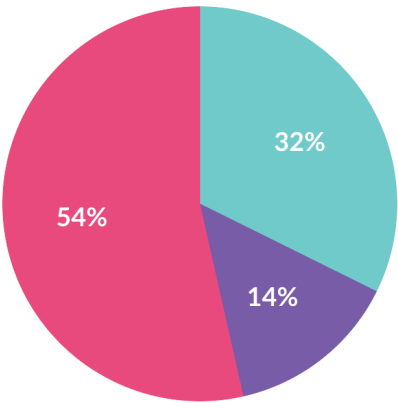


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