

Implementation - model training using SageMaker

Basic Implementation of Model training using Sagemaker

What are the requirements?

What is the pricing?

Difference between Sagemaker instance and a sagemaker training Job?

What is a sagemaker end-point?

Architecture for demo implementation

Ready for a demo!!

What are the requirements?

1. Sage maker notebook instance
2. Data to train a model - can be available in the sagemaker instance/s3 bucket
3. Model function - can be available in sagemaker instance/s3 pr can integrate with Git repository
4. Training function- can be available in sagemaker instance/s3 pr can integrate with Git repository
5. Input Parameters - epochs, batchsize etc

What is the pricing?

Depends up on the number of hours and size of the instance we are utilizing

Ref: <https://aws.amazon.com/sagemaker/pricing/>

Difference between Sagemaker instance and a sagemaker training Job?

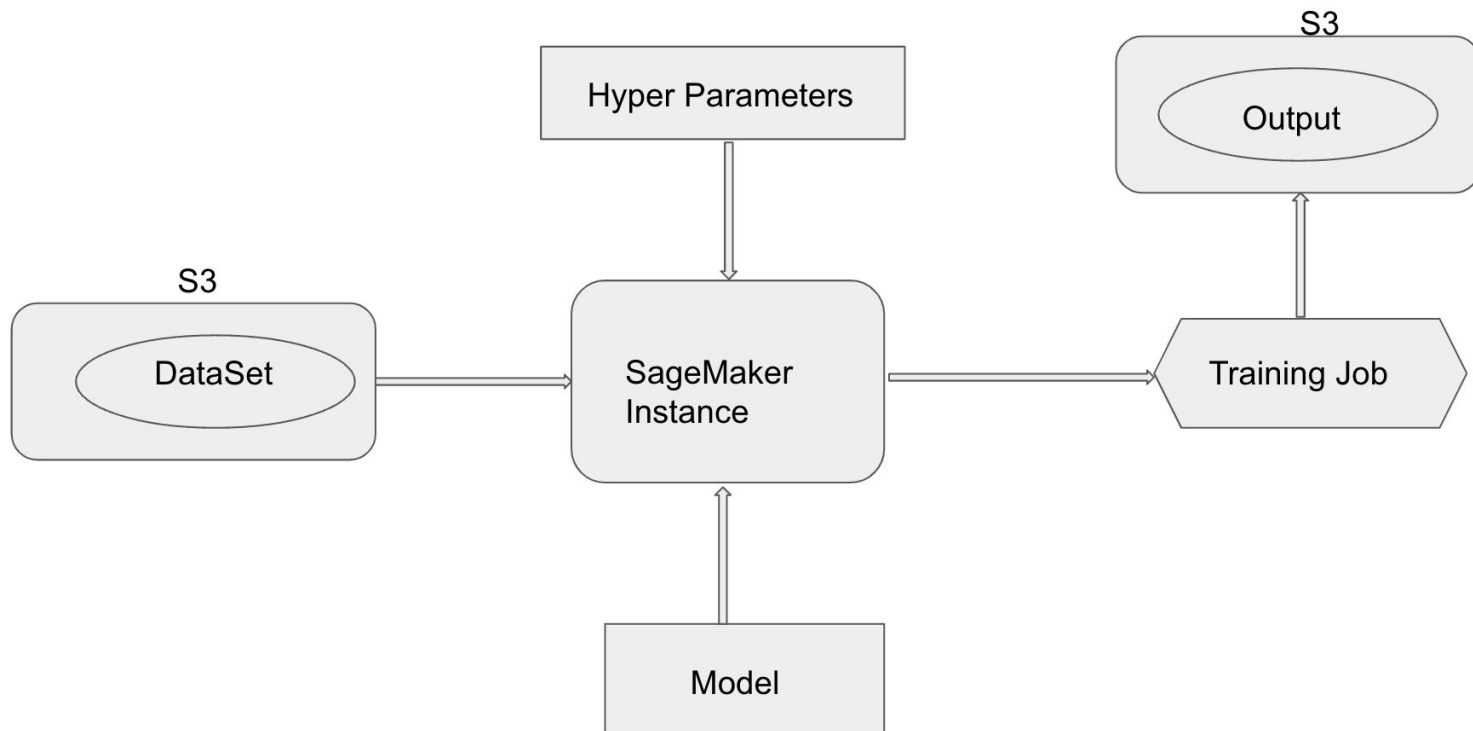
- A SageMaker Instance is a managed Jupyter Notebook environment for interactive model development and experimentation.
- A SageMaker Training Job is used for training machine learning models at scale, typically on large datasets, and is designed for production-ready model training.

What is an Endpoint in sagemaker?

Endpoint is a service that hosts and runs your trained machine learning models, allowing you to make real-time predictions using those models over the internet.

- A trained machine learning model.
- An IAM role with SageMaker permissions.
- Endpoint configuration settings.

Architecture for demo implementation



Q&A