Amazon SageMaker

Amazon SageMaker is a fully managed service for preparing, building, training, and deploying high-quality machine learning models.



Amazon SageMaker

Notebook instances



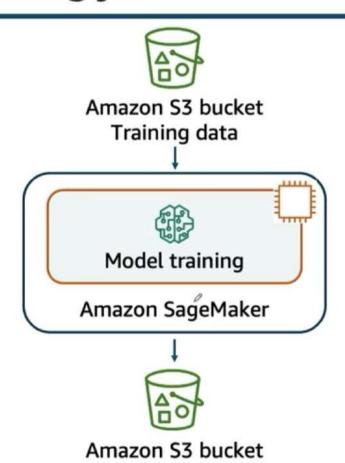
An Amazon SageMaker notebook instance is a machine learning instance, where you can compile and share code, documentation, and visualization models.

With notebook instances in Amazon SageMaker, you can do the following:

- Launch managed instances for Jupyter Notebooks.
- Prepare and process data.
- Write code to train models.
- Deploy and validate models.



Training jobs



Model artifacts

Algorithm options

- Amazon SageMaker algorithms: XGBoost, Object2Vec, K-Means, and more
- · You can supply your own algorithm
- AWS Marketplace algorithms

Resource configurations

- Standard
- Compute optimized
- Accelerated instance types

Hyperparameters

Fine control over algorithm settings

Input data channels

Training and validation data



AWS Marketplace



Buy and sell Amazon SageMaker algorithms for training and inference.



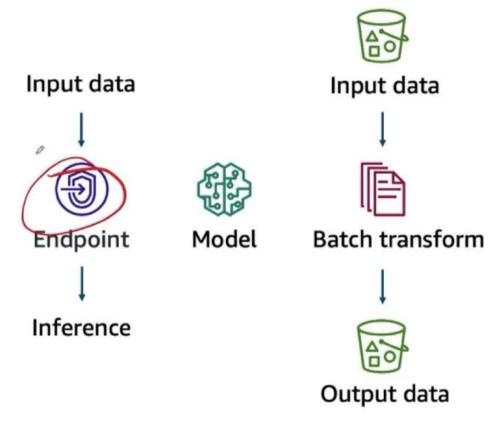
Buy and sell Amazon SageMaker model packages for inference.



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Inference



To generate inferences from a model, use:

- · Real-time inference
- Serverless inference
- Asynchronous inference
- · Batch transform



