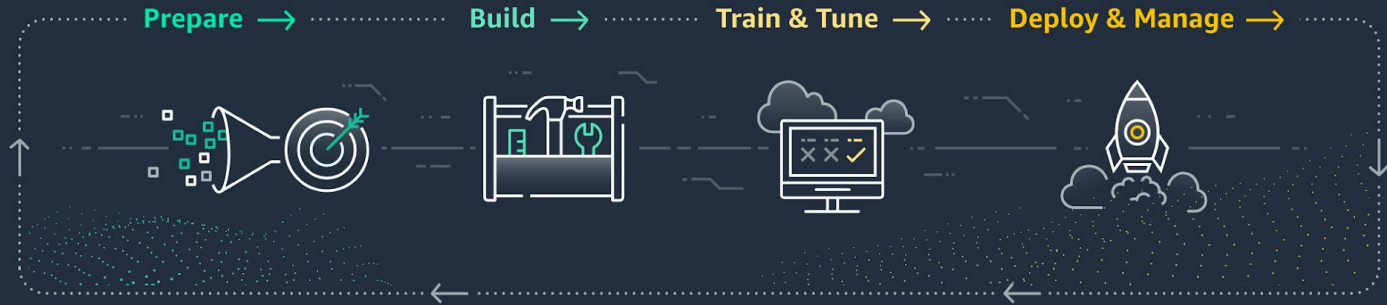


Introduction to Amazon SageMaker

Amazon SageMaker



Source: <https://aws.amazon.com/sagemaker/>

Key features of Amazon SageMaker

Prepare →

SageMaker Ground Truth

Label training data for machine learning

SageMaker Data Wrangler **NEW**

Aggregate and prepare data for machine learning

SageMaker Processing

Built-in Python, BYO R/Spark

SageMaker Feature Store **NEW**

Store, update, retrieve, and share features

SageMaker Clarify **NEW**

Detect bias and understand model predictions



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SageMaker Studio Notebooks

Jupyter notebooks with elastic compute and sharing

Built-in and Bring-your-own Algorithms

Dozens of optimized algorithms or bring your own

Local Mode

Test and prototype on your local machine

SageMaker Autopilot

Automatically create machine learning models with full visibility

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Pre-built solutions for common use cases

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One-click Training

Distributed infrastructure management

SageMaker Experiments

Capture, organize, and compare every step

Automatic Model Tuning

Hyperparameter optimization

Distributed Training Libraries **NEW**

Training for large datasets and models

SageMaker Debugger **NEW**

Debug and profile training runs

Managed Spot Training

Reduce training cost by 90%

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Deploy & manage →

One-click Deployment

Fully managed, ultra low latency, high throughput

Kubernetes & Kubeflow Integration

Simplify Kubernetes-based machine learning

Multi-Model Endpoints

Reduce cost by hosting multiple models per instance

SageMaker Model Monitor

Maintain accuracy of deployed models

SageMaker Edge Manager **NEW**

Manage and monitor models on edge devices

SageMaker Pipelines **NEW**

Workflow orchestration and automation

Source: <https://aws.amazon.com/sagemaker/>

Amazon SageMaker Console

console.aws.amazon.com/sagemaker/

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- Supports leading frameworks
 - TensorFlow
 - PyTorch
 - MXNet
 - Scikit-Learn
 - Apache Spark

Analytics
Vidhya

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 - TensorFlow
 - PyTorch
 - MXNet
 - Scikit-Learn
 - Apache Spark
- Languages supported
 - Python
 - R

Amazon SageMaker: Available Algorithms

[Use Amazon SageMaker Built-in Algorithms - Amazon SageMaker](#)

Amazon SageMaker: Pricing Details

[Amazon SageMaker Pricing – Amazon Web Services \(AWS\)](#)

Thank You