



# AWS Ramp-Up Guide: Machine Learning

For Developers and Data Scientists

These are the most salient learning resources from our classrooms, digital curricula, video library, and AWS Lab Environment, that relate to AWS Machine Learning domain. This Ramp-Up Guide is not intended to be consumed entirely. Different sections tackle different objectives. Some resources will be less relevant to you today. The guide will help you decide where you want to start your learning journey, and which step should be your next.

[Share your opinion](#) of this Ramp-Up Guide with us!

## Fundamentals of the AWS Cloud & Machine Learning

Learning Resource		Duration (hrs)	Type
AWS Ramp-Up Guide: Cloud Essentials			<a href="#">Ramp-Up Guide</a>
Introduction to Machine Learning: Art of the Possible	Fundamental	0.5	<a href="#">Digital Training</a>
Machine Learning Terminology and Process	Fundamental	1.0	<a href="#">Digital Training</a>
Planning a Machine Learning Project	Fundamental	0.5	<a href="#">Digital Training</a>
Machine Learning Essentials for Business and Technical Decision Makers	Fundamental	1.5	<a href="#">Digital Training</a>
Building a Machine Learning Ready Organization	Fundamental	0.5	<a href="#">Digital Training</a>

## Intelligent Document Processing

Learning Resource		Duration (hrs)	Type
Getting Started with Amazon Textract	Fundamental	1.0	<a href="#">Digital Training</a>
\$ Getting Started with Amazon Textract (includes labs)	Fundamental	1.5	<a href="#">Digital Training (includes labs)</a>
\$ Getting Started with Amazon Textract: Process Documents with Synchronous and Asynchronous Operations	Fundamental	1.0	<a href="#">Self-paced Lab</a>
Getting Started with Amazon Comprehend	Fundamental	1.5	<a href="#">Digital Training</a>
\$ Getting Started with Amazon Comprehend (includes labs)	Fundamental	1.5	<a href="#">Digital Training (includes labs)</a>
\$ Getting Started with Amazon Comprehend: Custom Entity Recognition	Fundamental	1.0	<a href="#">Self-paced Lab</a>
\$ Getting Started with Amazon Comprehend: Custom Classification	Fundamental	1.3	<a href="#">Self-paced Lab</a>

## SageMaker

Learning Resource		Duration (hrs)	Type
Introduction to Amazon SageMaker	Fundamental	0.2	<a href="#">Digital Training</a>
\$ Amazon SageMaker Studio for Data Scientists	Advanced	0.3	<a href="#">Classroom Training</a>
\$ Practical Data Science with Amazon SageMaker	Intermediate	6.0	<a href="#">Classroom Training</a>



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## Classroom Training

Learning Resource		Duration (hrs)	Type
\$ MLOps Engineering on AWS	Intermediate	18.0	<a href="#">Classroom Training</a>
\$ The Machine Learning Pipeline on AWS ...or...	Intermediate	24.0	<a href="#">Classroom Training</a>
\$ The Machine Learning Pipeline on AWS (Digital)	Intermediate	24.0	<a href="#">Digital Classroom Training</a>

## With Our Training Partners

Learning Resource		Duration (hrs)	Type
\$ Introduction to Machine Learning on AWS	Intermediate	6.0	<a href="#">Coursera Digital Training</a>
\$ Introduction to Machine Learning on AWS	Intermediate	18.0	<a href="#">edX Digital Training</a>

## Additional Resources

Learning Resource	Type
QuickStart on AWS: Machine Learning	<a href="#">On-demand Broadcast</a>
Let's Ship It – with AWS! ML Edition	<a href="#">On-demand Broadcast</a>
AWS Cloud Quest: Generative AI (Twitch training)	<a href="#">On-demand Broadcast</a>
Learn Generative AI – for Developers!	<a href="#">On-demand Broadcast</a>
Machine Learning University	<a href="#">Youtube Channel</a>
Natural Language Processing on Github	<a href="#">Github</a>
Tabular Data on Github	<a href="#">Github</a>
Computer Vision	<a href="#">Github</a>
Decision Trees and Ensemble Methods	<a href="#">Github</a>