

AWS Academy Machine Learning Foundations

Module 7: Course Wrap-up



Sections

1. Course summary
2. AWS Documentation
3. Certifications and resources



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Section 1: Course summary

You should now be able to:

- Describe machine learning
- Implement a machine learning pipeline by using Amazon SageMaker
- Use managed Amazon ML services for forecasting, computer vision, and natural language processing



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Section 2: AWS Documentation

- Find user guides, developer guides, API references, tutorials, and more
 - [AWS Documentation](#)
- Whitepapers are also available at [AWS Whitepapers](#) including the following list, which contains recommended reading for the AWS Cloud Practitioner exam –
 - [Overview of Amazon Web Services](#)
 - [Architecting for the Cloud: AWS Best Practices](#)
 - [How AWS Pricing Works](#)
 - [The Total Cost of \(Non\) Ownership of Web Applications in the Cloud](#)

Module 7: Course Wrap-up

Section 3: AWS Certified Machine Learning – Specialty

AWS certification exams

Available AWS Certifications

Professional

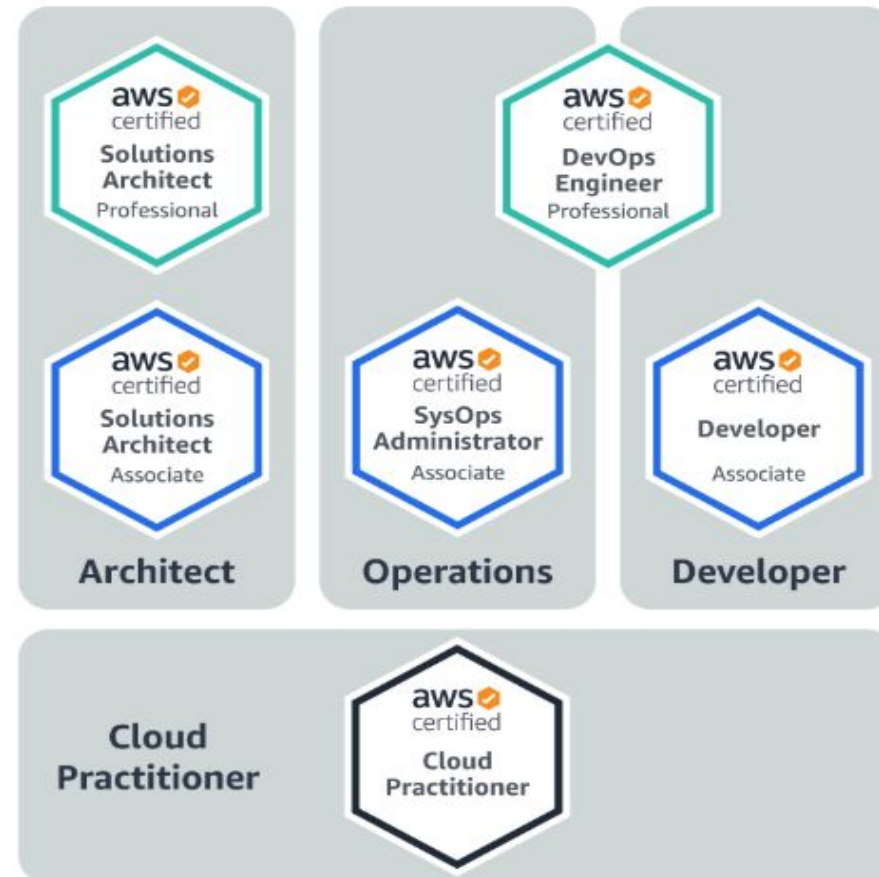
Two years of comprehensive experience designing, operating, and troubleshooting solutions using the AWS Cloud

Associate

One year of experience solving problems and implementing solutions using the AWS Cloud

Foundational

Six months of fundamental AWS Cloud and industry knowledge



aws certified

Updated May 2019

Specialty

Technical AWS Cloud experience in the Specialty domain as specified in the **exam guide**



Certification validates the following abilities:

- Select and justify the appropriate machine learning approach for a given business problem
- Identify appropriate AWS services to implement machine learning solutions
- Design and implement scalable, cost-optimized, reliable, and secure machine learning solutions



Recommended knowledge and experience:

- 1–2 years of experience developing, architecting, or running ML and deep learning workloads on the AWS Cloud
- The ability to express the intuition behind basic ML algorithms
- Experience in performing basic hyperparameter optimization
- Experience with ML and deep learning frameworks
- The ability to follow model-training best practices
- The ability to follow deployment and operational best practices



Thank you