AWS Academy Machine Learning Foundations

Module 7: Course Wrap-up

Module overview

Sections

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

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Section 1: Course summary

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

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

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Section 3: AWS Certified Machine Learning – Specialty

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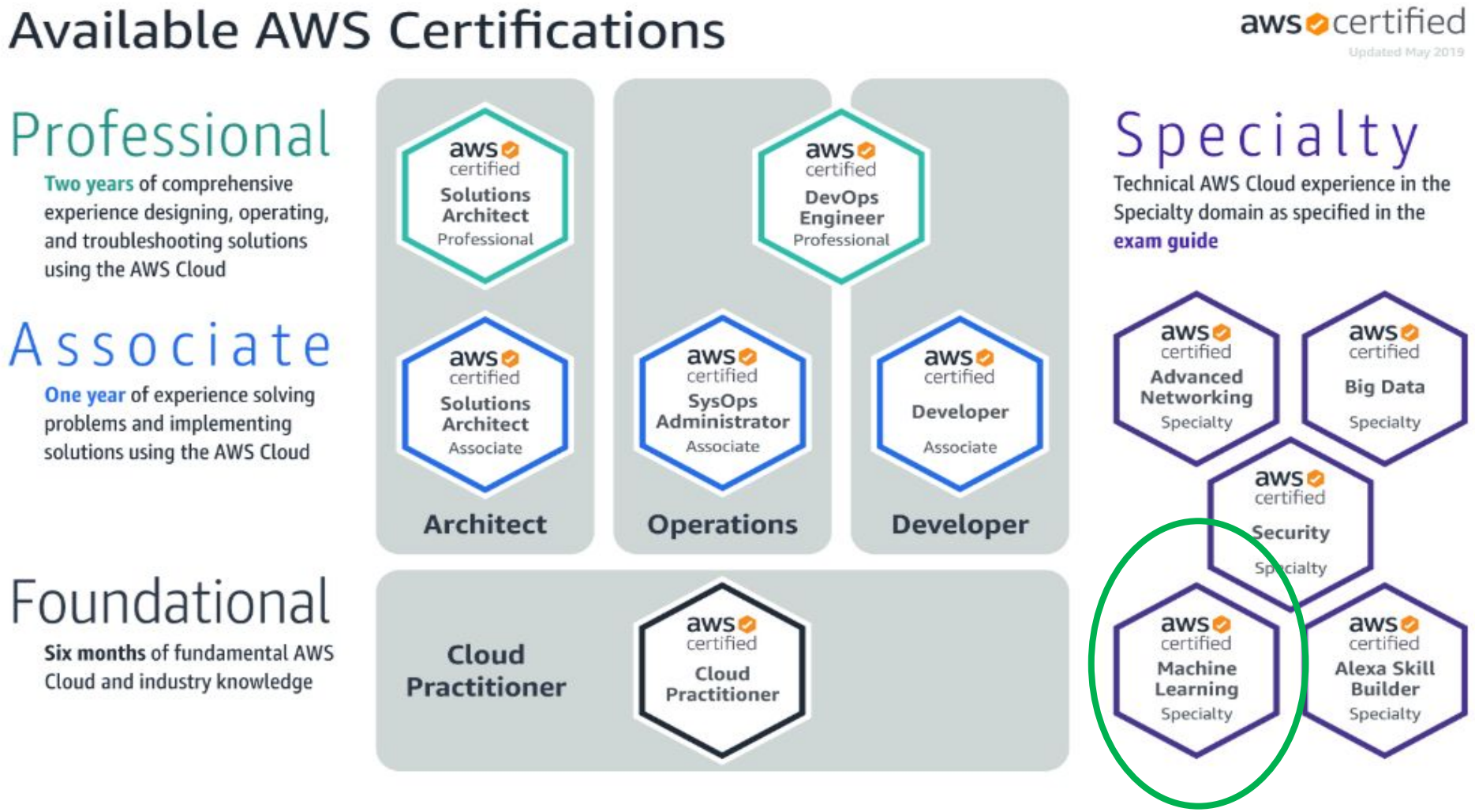
AWS certification exams



Certification capabilities

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

Certification requirements

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

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