



# Bridging to Certification

AWS Academy Data Engineering

© 2022, Amazon Web Services, Inc. or its affiliates. All rights reserved.

| **Slide number 1**

| **Instructor notes**

|

| **Student notes**

Welcome to the Bridging to Certification module.

# Introduction

Bridging to Certification



© 2022, Amazon Web Services, Inc. or its affiliates. All rights reserved.

| Slide number 2

| Instructor notes

|

| Student notes

This first section provides an introduction to the module.

## Module objectives

This module prepares you to do the following:

- Identify the next steps to prepare for the AWS Certified Data Analytics – Specialty and AWS Certified Machine Learning – Specialty certifications.
- Identify where to find resources to help you prepare for AWS Certification exams.



**| Slide number 3**

**| Instructor notes**

|

**| Student notes**

This module introduces you to the AWS Certified Data Analytics – Specialty and AWS Certified Machine Learning – Specialty certifications. You will also learn about the training resources that are available to help you prepare for the certification exams.

# AWS Certification overview

Bridging to Certification



© 2022, Amazon Web Services, Inc. or its affiliates. All rights reserved.

## | Slide number 4

### | Instructor notes

| This course introduces students to concepts from the certification domains. However, the course alone will not fully prepare them for the certification exam. The course is one of several steps in their certification path.

|

### | Student notes

This section introduces the Data Analytics – Specialty and Machine Learning – Specialty certifications. While this course introduced you to aspects of each certification domain, the course does not fully prepare you for the certification exam. This course is one of several steps in your certification path.

## Certification benefits

---

- Digital badges
- Exam discount
- Event recognition
- AWS Certified Global Community
- AWS Certified store

Explore AWS Certification at  
<https://aws.amazon.com/certification>



### | Slide number 5

### | Instructor notes

| We recommend that you bring up the AWS Certification page to briefly look at with students.

|

### | Student notes

AWS Certification helps learners to build credibility and confidence by validating their cloud expertise with an industry-recognized credential. Certification also helps organizations to identify skilled professionals to lead cloud initiatives with AWS.

Being AWS Certified provides the following benefits:

- **Digital badges:** Showcase your AWS Certification achievement with digital badges on your social media and email signatures. Use your badge to gain access to exclusive AWS sponsored certification events.
- **Exam discount:** Get access to a 50 percent discount voucher to apply toward recertification or any other exam.
- **Event recognition:** Receive invites to regional Appreciation Receptions, and use your digital badge to get exclusive access to AWS Certification Lounges at AWS re:Invent and select AWS Summit events.
- **AWS Certified Global Community:** Gain access to the AWS Certified community on LinkedIn and network with your peers.
- **AWS Certified store:** Unlock access to exclusive AWS Certified merchandise.

## AWS Certified Data Analytics – Specialty

---

- Validates a candidate's comprehensive understanding of how to use AWS services to design, build, secure, and maintain analytics solutions that provide insight from data
- Is intended for individuals with experience and expertise working with AWS services to design, build, secure, and maintain analytics solutions



### | Slide number 6

### | Instructor notes

|

### | Student notes

The Data Analytics – Specialty exam validates a candidate's understanding of using AWS services to design, build, secure, and maintain analytics solutions. The exam is intended for individuals who perform a data analytics role.

For more information about this certification, visit the certification links that are listed in the content resources section of the course. From the main AWS Certification page, you will find a specific page for each exam. Each certification exam page provides an exam guide, sample exam questions, links to recommended digital and classroom training, and links to relevant AWS whitepapers.

## AWS Certified Machine Learning – Specialty

---

- Validates a candidate's ability to design, build, deploy, optimize, train, tune, and maintain ML solutions for given business problems by using the AWS Cloud
- Is intended for individuals who have hands-on experience developing, architecting, and running ML or deep learning workloads in the AWS Cloud



### | Slide number 7

### | Instructor notes

|

### | Student notes

The Machine Learning – Specialty exam validates a candidate's ability to use AWS services to design, build, train, tune, and deploy ML solutions. The exam is intended for individuals who perform an artificial intelligence (AI) or machine learning (ML) development or data science role.

For more information about this certification, visit the certification links that are listed in the content resources section of the course.

## Exam readiness resources

Resource	Description	Preparation
Exam Guide	<ul style="list-style-type: none"><li>Describes the recommended knowledge that is expected for certification candidates</li><li>Provides a content outline for each domain and a list of tools, technologies, and concepts that might be on the exam</li></ul>	<ul style="list-style-type: none"><li>Review the outline to identify areas or services that you might need to spend more time with before sitting for the exam.</li><li>Note the services that are listed as in scope or out of scope to help focus your preparation time.</li></ul>
Sample Exam Questions	<ul style="list-style-type: none"><li>Provides sample questions and answers in the format that is used for the exam</li></ul>	<ul style="list-style-type: none"><li>Become familiar with the style of the questions and answer choices.</li><li>Attempt to answer each question.</li><li>Use the resources that are listed in the answer key to follow up on topics that you missed.</li></ul>



### | Slide number 8

#### | Instructor notes

| This slide lists resources that students can use to prepare for the exams and help assess whether they are ready to take the exams. The Exam Guides provide information about the competencies that the exams assess. The Sample Exam Questions show the format of the exam questions.

|

#### | Student notes

This slide lists the primary AWS resources that you can use to prepare for an AWS Certification exam and assess whether you are ready to take it. Links to the Exam Guides and Sample Exam Questions are available on the content resources page of your course.



## Exam readiness resources (continued)

Resource	Description	Preparation
AWS Well-Architected	Website that covers the pillars of the AWS Well-Architected Framework	<ul style="list-style-type: none"><li>Familiarize yourself with the key concepts for each pillar.</li><li>Read the whitepapers that are associated with each pillar.</li></ul>
AWS Whitepapers and Guides	Technical content that is written by AWS, independent analysts, and the AWS Partner Network (APN)	Broaden your technical understanding of key topics that the exam covers.
AWS FAQs	Website with frequently asked questions about AWS products and services	Review the FAQs that are related to the services that are covered in this course.



### | Slide number 9

#### | Instructor notes

| This slide lists additional resources, including the AWS Well-Architected Framework, AWS Whitepapers and Guides, and AWS FAQs. Students might find these resources helpful when they are preparing for a certification exam.

|

#### | Student notes

This slide lists additional AWS resources to help prepare you for an exam. These resources include the AWS Well-Architected Framework, AWS Whitepapers and Guides, and AWS FAQs. Links to these resources are available on the content resources page of your course.

## Exam readiness training

Courses	Learn to...
Exam Readiness: AWS Certified Machine Learning – Specialty (Classroom and digital)	<ul style="list-style-type: none"><li>• Understand the exam structure and question types.</li><li>• Identify your strengths and weaknesses in each exam domain so that you know what to focus on when studying for the exam.</li></ul>
Exam Readiness: AWS Certified Data Analytics – Specialty (Classroom and digital)	<ul style="list-style-type: none"><li>• Summarize the logistics and mechanics of the exam and its questions.</li><li>• Describe the technical topics and concepts that make up each of the exam domains.</li><li>• Develop a personalized study plan to prepare for the exam.</li><li>• Use effective strategies for studying and taking the exam.</li></ul>



© 2022, Amazon Web Services, Inc. or its affiliates. All rights reserved.

10

### | Slide number 10

### | Instructor notes

| This slide provides information about the exam readiness training that is available for the Data Analytics – Specialty and Machine Learning – Specialty certification exams.

|

### | Student notes

AWS offers exam readiness courses to help you prepare for these two AWS Certification exams. Each training is available in classroom and free digital training formats.

The training reviews sample exam questions in each topic area. You will learn how to interpret the concepts that are being tested so that you can more easily eliminate incorrect responses. You will also receive tips about allocating your study time.

Links to both the classroom and digital training are available within the content resources page of your course.

## AWS Training and Certification portal

---

- Schedule and manage exams.
- View your certification history.
- Access your digital badges.
- View your certification benefits.

Explore AWS Training and Certification at  
<https://aws.training>



### | Slide number 11

#### | Instructor notes

| This slide introduces students to the AWS Training and Certification portal, where they can schedule an exam and access their AWS Certification information.

|

| We recommend that you bring up the AWS Training and Certification portal to briefly look at with students.

|

#### | Student notes

The AWS Training and Certification portal provides several resources that are related to certification. A link is available within the content resources page of your course.

## AWS Skill Builder

---

- Access more than 500 free, on-demand digital courses.
- Use the free official practice question sets to assess your readiness to take an exam.
- With an individual or team subscription, access additional content, such as exam prep courses and AWS Builder Labs.

Explore AWS Skill Builder at  
<https://skillbuilder.aws>



© 2022, Amazon Web Services, Inc. or its affiliates. All rights reserved.

12

### | Slide number 12

#### | Instructor notes

| This slide introduces students to AWS Skill Builder, where they can access digital training from AWS.

|

| We recommend that you bring up the AWS Skill Builder site to briefly look at with students.

|

#### | Student notes

AWS Skill Builder provides access to free, on-demand digital courses and the free official practice question sets for AWS Certification exams. With a subscription for AWS Skill Builder, you can access additional content. A link is available within the content resources page of your course.

## Official practice question sets

---

AWS offers free official AWS Certification practice question sets. To access these question sets, follow these steps:

1. Sign in to [skillbuilder.aws](https://skillbuilder.aws).
2. Search for "practice question sets".
3. Filter for your preferred language.
4. Choose the practice question set for the certification.
5. Choose **ENROLL**.
6. Choose **START LEARNING NOW**.
7. Choose **START LEARNING NOW** again.
8. Follow the instructions on the page.



### | Slide number 13

#### | Instructor notes

| This slide provides a step-by-step guide to access the AWS Certification official practice question sets, which are free and available through AWS Skill Builder.

|

#### | Student notes

AWS offers free official practice question sets for AWS Certification exams. Follow the steps on the slide to access the question sets. A link to AWS Skill Builder is available within the content resources page of your course.

## AWS documentation

---

- User and developer guides
- API references
- Tutorials and projects
- SDKs and toolkits
- And more!

Explore AWS documentation at  
<https://docs.aws.amazon.com>



### | Slide number 14

### | Instructor notes

| We recommend that you bring up the AWS documentation page to briefly look at with students.

|

### | Student notes

Access AWS documentation to help you prepare for your certification.

Each AWS service developer guide contains a getting started section with step-by-step tutorials that can help to familiarize you with the service. A link to AWS documentation is available on the content resources page.

# Module wrap-up

Bridging to Certification



© 2022, Amazon Web Services, Inc. or its affiliates. All rights reserved.

| Slide number 15

| Instructor notes

|

| Student notes

It's now time to review the module.

## Module summary

---

This module prepared you to do the following:

- Identify the next steps to prepare for the AWS Certified Data Analytics – Specialty and AWS Certified Machine Learning – Specialty certifications.
- Identify where to find resources to help you prepare for AWS Certification exams.



### | Slide number 16

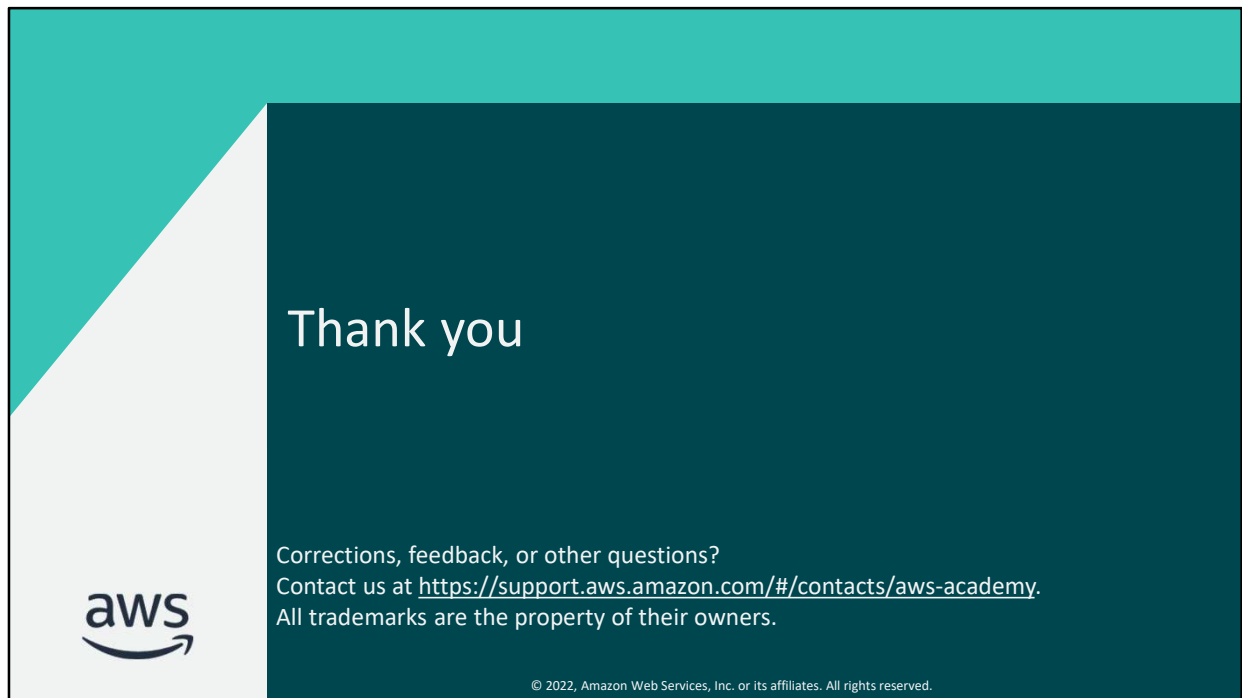
### | Instructor notes

|

### | Student notes

This module described the next steps to prepare for the Data Analytics – Specialty and Machine Learning – Specialty certification exams. You also learned about training resources that can help you prepare for the exam, such as the Exam Guides and Sample Exam Questions. Links to these resources area available on the content resources page of your course.





| Slide number 17

| Instructor notes

|

| Student notes

Thank you for completing this module.