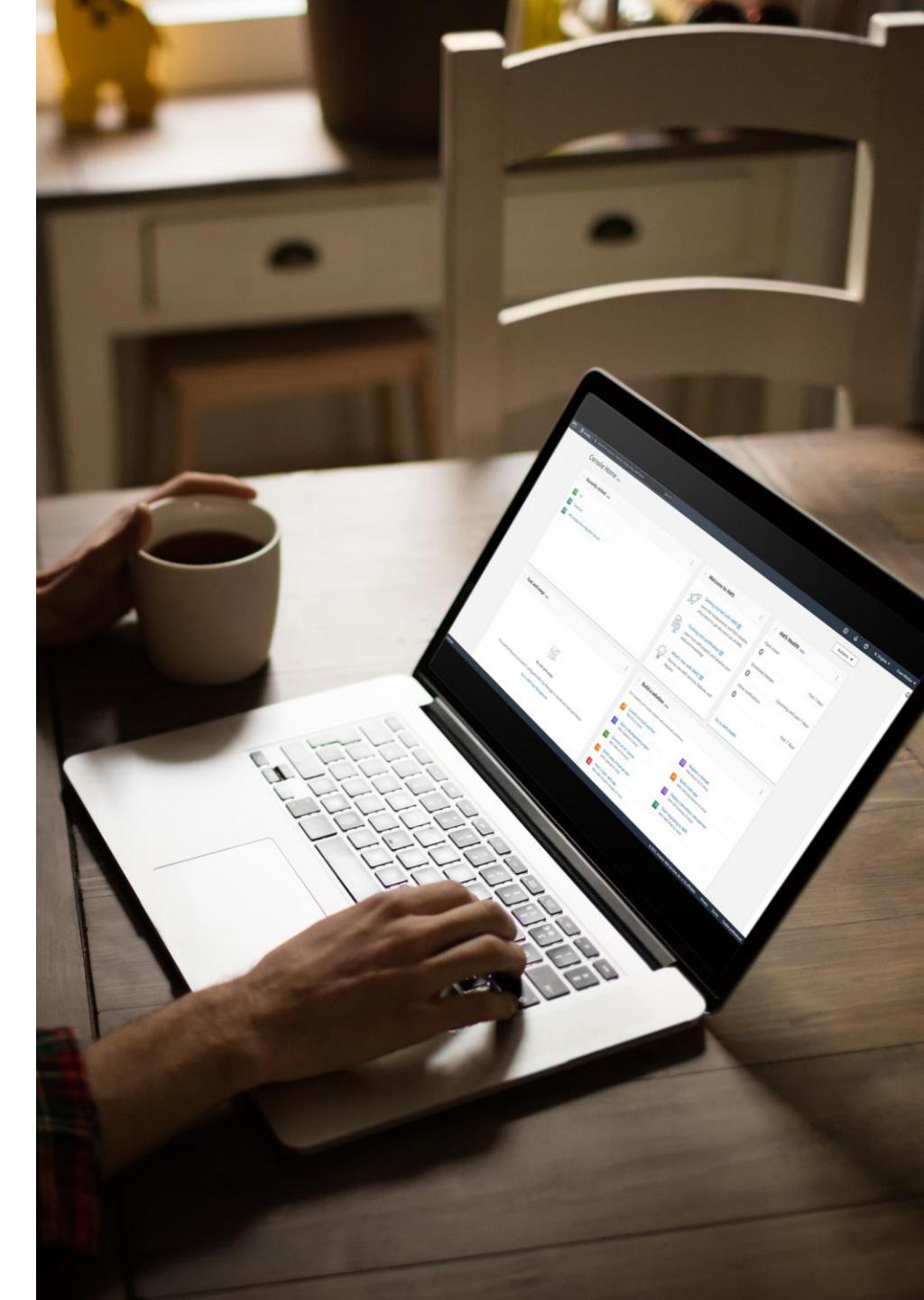




Learning Experience Designer
Training & Certifications

AWS INTERVIEW PRESENTATION

EVAN MISHLER



ADDIE MODEL

For this assignment, I decided to implement the ADDIE model for instructional design when building this 15-minute training asset.

Analyze

Design

Develop

Implement

Evaluate

ANALYZE

Who is the viewer?

- IT administrator at an accounting firm with 100 employees and 500 customers

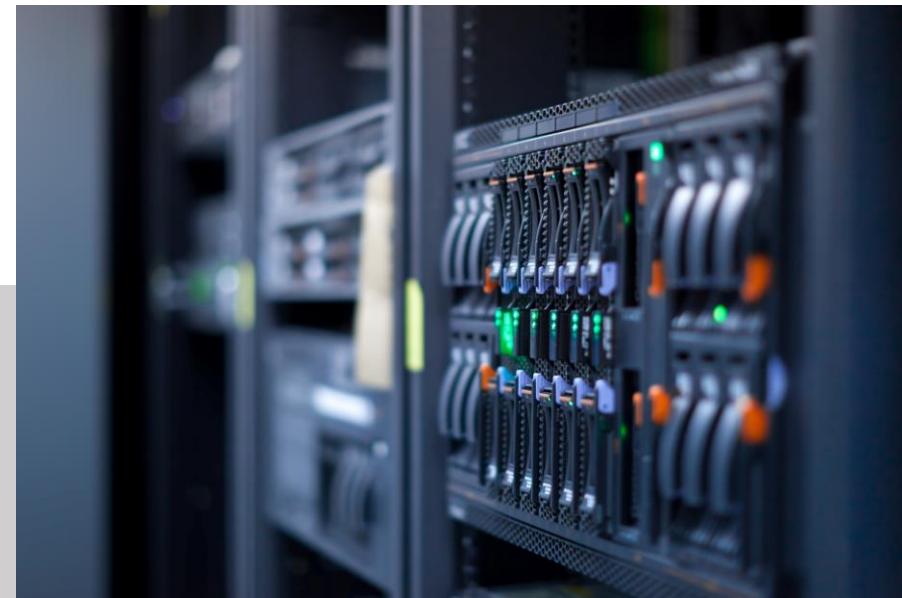
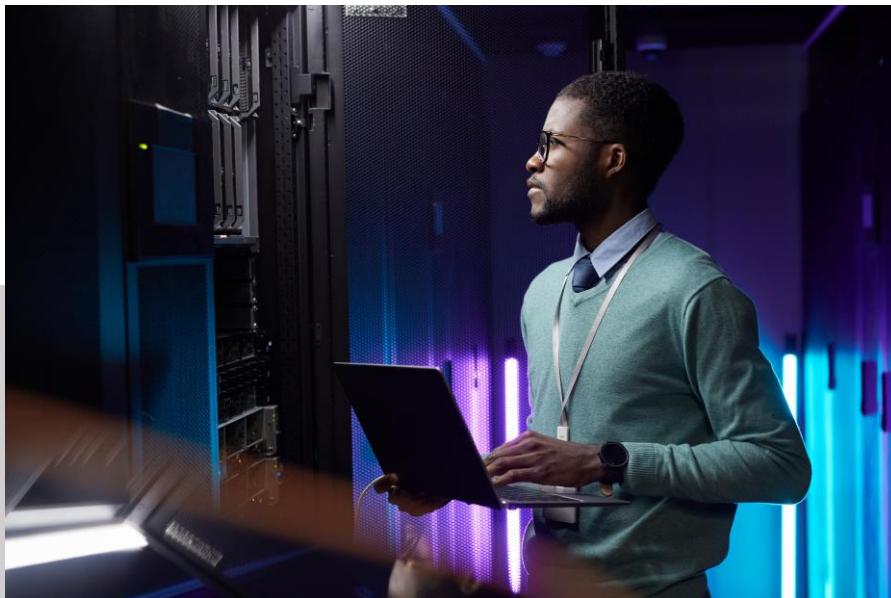
What will they learn?

- How to use an S3 bucket to store 10 years of accounting records

In the analysis phase it is important to answer the questions who is the viewer of the training and what do we want them to accomplish.

Assumptions

- Tech savvy viewer
- Data subject to regulations
- Importance of security
- Data retention policies
- Scalability
- Cost savings always a plus
- Easy transition of data a necessity
- Importance of Access Management
- New to AWS for data storage



DESIGN

For the design phase, I focused on identifying the best medium for delivery and outlining the content into lessons or topics.

MEDIUM FOR DELIVERY

Training will be developed in Articulate Rise. Rise has a familiar feel with the flexibility to showcase a range of interactive elements and video tutorials. It is also a responsive tool for viewers utilizing mobile devices.

The "meat" of the training will be in the form of video tutorials. I find that more and more learners are going directly to video platforms like YouTube for tutorial style content. It's also important to visually see each step with this kind of content matter.

LESSONS

Lesson 1

What is Amazon S3? - 2 minutes

Lesson 2

Getting started with AWS

Management Console and S3 Buckets - 6 minutes

Lesson 3

Uploading objects - 6 minutes

Lesson 4

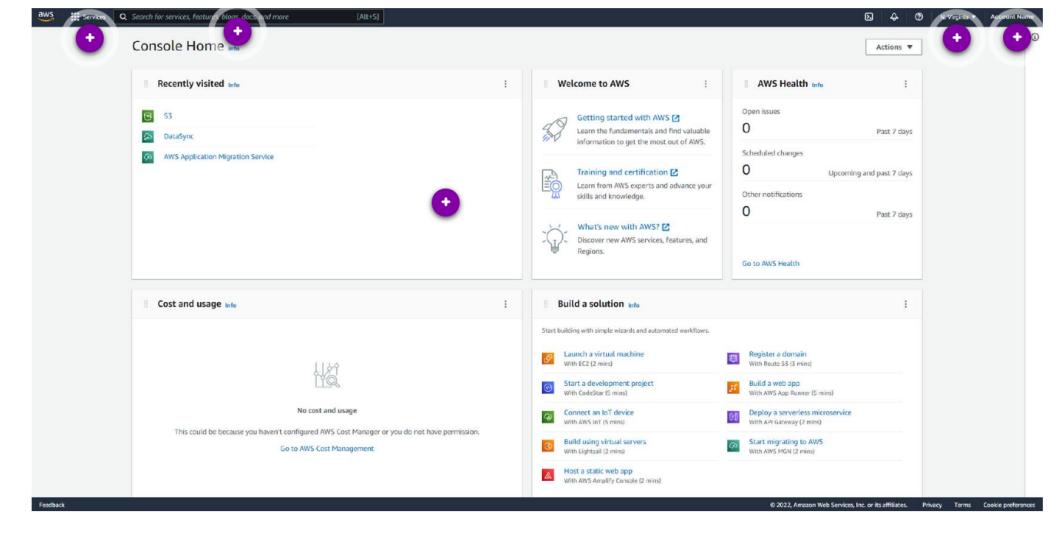
Conclusion - 1 minute

DEVELOP

In the develop phase I wrote a script for the course. This would be used as part text-on-screen and part video narration.



Upon creating an account and every subsequent login thereafter, you will start at the **AWS Management Console**. Select the markers on screen to learn more about what you can find on this page.



Lesson 1 – What is Amazon S3?

Screen One

You may be asking yourself, "What is Amazon S3 and how can it help me with my data?" We're glad you asked! In this course we will cover:

1. What is Amazon S3 and how can it help with your business needs
2. Getting started with the AWS Management Console and creating S3 Buckets
3. Uploading Objects into S3 Buckets
4. Future considerations

Screen Two

S3 stands for Simple Storage Service. It is an object storage service that specializes in features such as scalability, data availability, security, and performance. S3 buckets are where you can store any amount of data for virtually any use case.

Amazon S3 is particularly effective and pragmatic for companies in financial services. Select each flash card below to learn about some of the main reasons finance companies are moving their data to AWS.

Two flash cards, one with security graphic, one with durability graphic.

Security and Encryption

Businesses engaging in financial services are subject to strict regulations, and for good reason. By utilizing Amazon S3 tools such as Object Lock, you can help prevent deletion or overwriting of objects in your data set. Amazon S3's encryption tool protects data at all levels.

Durable and Cost-Efficient

As with any data, financial records require data protection from loss or corruption. That's why Amazon S3 is designed for at least 99.9999999999% of durability. Cloud storage capacity scales on-demand and you are only charged for what you use

Screen Three

Amazon S3 is used by businesses and individuals in a wide range of use cases such as for building data lakes, backup and archive, application storage, and of course cost optimization.

Below are some examples of organizations that have implemented Amazon S3 into their workflow and are benefiting from the capabilities of cloud storage. Select an organization below to watch a short video on how AWS is working for them or continue to the next lesson by clicking the continue button below.

Three example videos of how organizations are using Amazon S3. This is optional content

Accounting Firm – This video was scripted to be the most similar to the company use case in the briefing

3D Software Company – This video was scripted based on an actual Amazon S3 customer, Autodesk

Foodservice Distribution Company - This video was scripted based on an actual Amazon S3 customer, Sysco

Lesson 2 – Getting Started with AWS Management Console and S3 Buckets

Screen One

So, you're ready to get started migrating your data to S3 buckets? Let's begin by looking at the AWS Management Console.

Upon creating an account and every subsequent login thereafter, you will start at the *AWS Management Console*. Select the markers on screen to learn more about what you can find on this page.

Interactive graphic on screen with markers highlighting key parts of the console home.

Screen Two

Now that you are more familiar with the AWS Management Console, let's dive right in and create an *S3 bucket*. The tutorial below will walk you through the steps to set up your first S3 bucket.

Video tutorial walking through how to set up your first S3 bucket and the settings options during setup. Timestamps will be added below the video so viewers can return to sections later.

Lesson 3 – Uploading Objects

Screen One

The time has finally come to upload your data to AWS!

At this point we've covered the basics of S3 and how it can help with your cloud storage. You should also be familiar with the AWS Management Console and how to create an S3 bucket. Now it's time to upload our data!

In the following video, we're going to upload a group of objects and demonstrate how versioning effects the objects. You can find timestamps below the video if you want to jump to a certain section or are revisiting the content.

Video tutorial walking through how to upload objects. Timestamps to be added below.

Screen One

Lesson 4 – Conclusion

That wasn't so hard, was it? In fact, we believe Amazon S3 can change the way you do business. By implementing AWS into your workflow, the opportunities are endless. This course is intended to give you a basic understanding of S3's capabilities. For more courses on all AWS services, visit the [AWS Training & Certifications course catalog](#). If you would like to review any of the content we've covered, select a button below to jump to that lesson.

Buttons linking to all previous lessons.

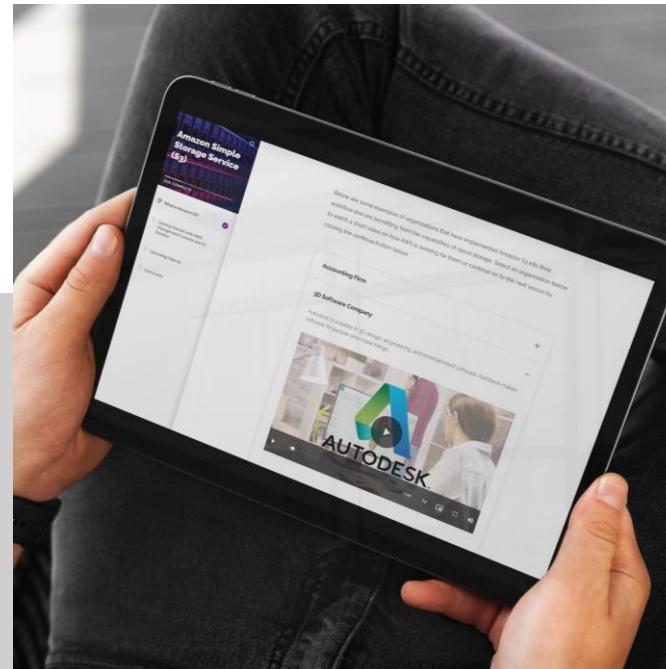
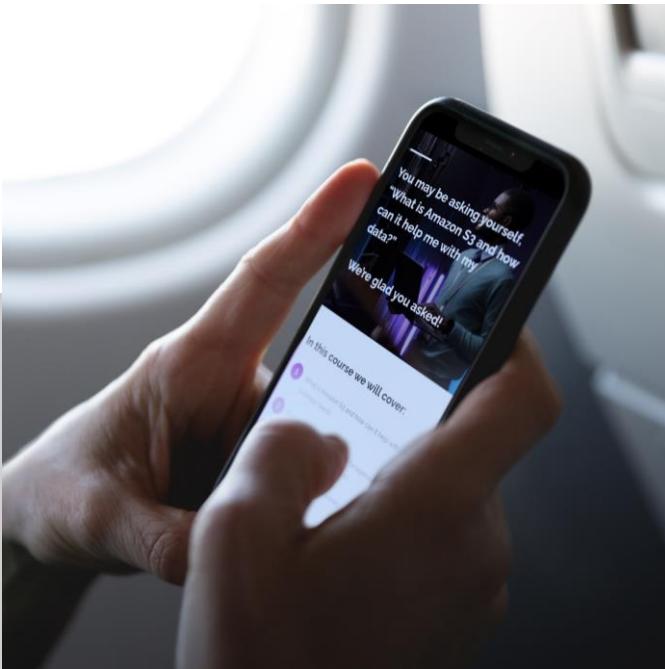
Congratulations

You have completed this course on Amazon Simple Storage Service (S3). You may close this window to exit the course.

IMPLEMENT

In the implementation phase I built the course in Articulate Rise. I then acted as a student to determine the length of the material and to make sure the tutorials and other content was effective.

- The training asset was published as a SCORM package and uploaded to Amazon S3 in a publicly accessible bucket in order to be shared with the interview team.
- The course was also published to an Articulate 360 Review link as a precaution.
- Both links were tested in Chrome, Edge, Firefox, and Safari browsers
- Links were also tested on a computer monitor, an iPad Air (in landscape and portrait), and an iPhone 11 (also in landscape and portrait)



EVALUATE

There are several ways one could evaluate a courses effectiveness. Surveys, knowledge checks, and user actions can all indicate how well the course was received and how helpful the content was.

SURVEY

For this course I would likely implement a post-course survey to gauge the users experience with the material. Did they find the information helpful? Were the tutorial videos useful and do they plan to refer to them later when setting up S3 buckets or uploading objects?

USER ACTIONS

It's important to evaluate how users act after viewing the course material. Are they setting up new S3 buckets? How many new objects have they added to their buckets? Are they experimenting with different settings? Are they exploring new AWS services or are they trying new ways of doing tasks?