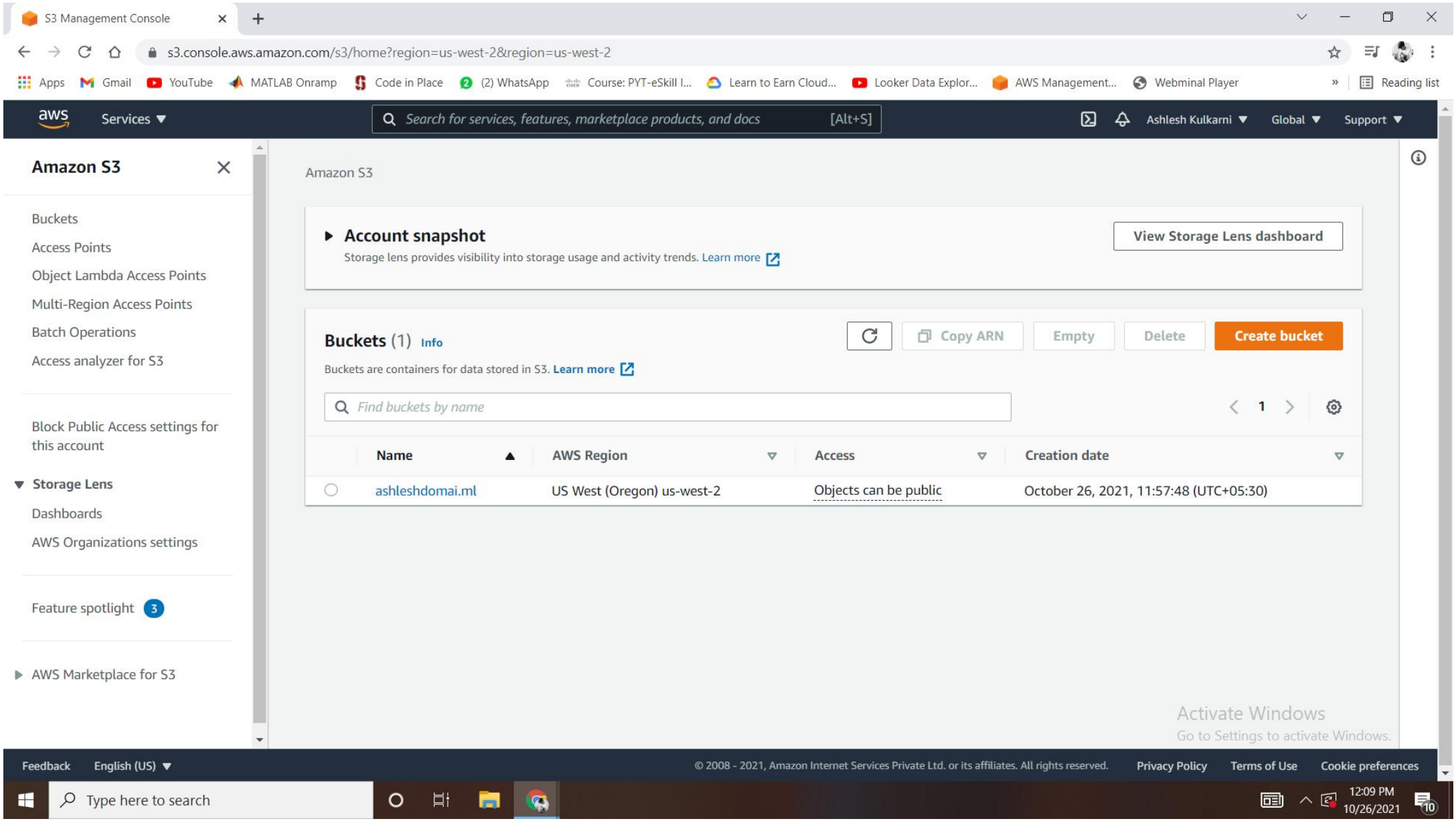
Module 5: S3 Assignment - 1

You have been asked to:

1. Create an S3 bucket
2. Upload 2 objects


S3 Management Console
s3.console.aws.amazon.com/s3/home?region=us-west-2&region=us-west-2
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Object Lambda Access Points
Multi-Region Access Points
Batch Operations
Access analyzer for S3
Block Public Access settings for this account
Storage Lens
Dashboards
AWS Organizations settings
Feature spotlight
3
AWS Marketplace for S3
Amazon S3
Account snapshot
Storage lens provides visibility into storage usage and activity trends. Learn more
View Storage Lens dashboard
Buckets (1) Info
Copy ARN
Empty
Delete
Create bucket
Buckets are containers for data stored in S3. Learn more
Find buckets by name
1
Name
AWS Region
Access
Creation date
ashleshdomai.ml
US West (Oregon) us-west-2
Objects can be public
October 26, 2021, 11:57:48 (UTC+05:30)
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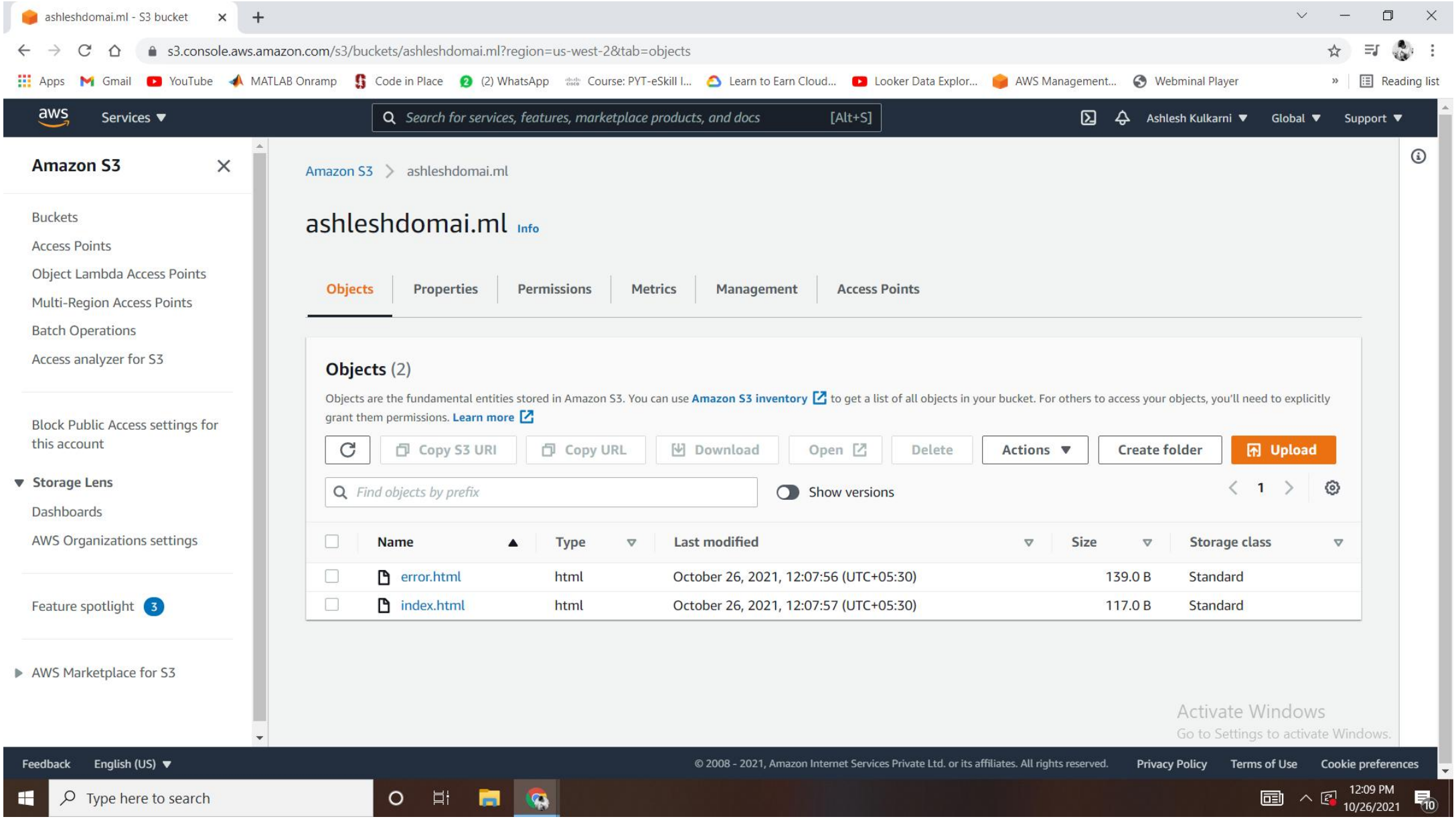
ashleshdomai.ml - S3 bucket
s3.console.aws.amazon.com/s3/buckets/ashleshdomai.ml?region=us-west-2&tab=objects
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Amazon S3 > ashleshdomai.ml
ashleshdomai.ml Info
Objects
Properties
Permissions
Metrics
Management
Access Points
Objects (2)
Objects are the fundamental entities stored in Amazon S3. You can use Amazon S3 inventory to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions. Learn more
Copy S3 URI
Copy URL
Download
Open
Delete
Actions
Create folder
Upload
Find objects by prefix
Show versions
1
Name
Type
Last modified
Size
Storage class
error.html
html
October 26, 2021, 12:07:56 (UTC+05:30)
139.0 B
Standard
index.html
html
October 26, 2021, 12:07:57 (UTC+05:30)
117.0 B
Standard
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IntelliPaat

Module 5: S3 Assignment - 2

You have been asked to:

1. Enable versioning for the bucket created in task 1
2. Now upload the same 2 objects and verify if the versioning works

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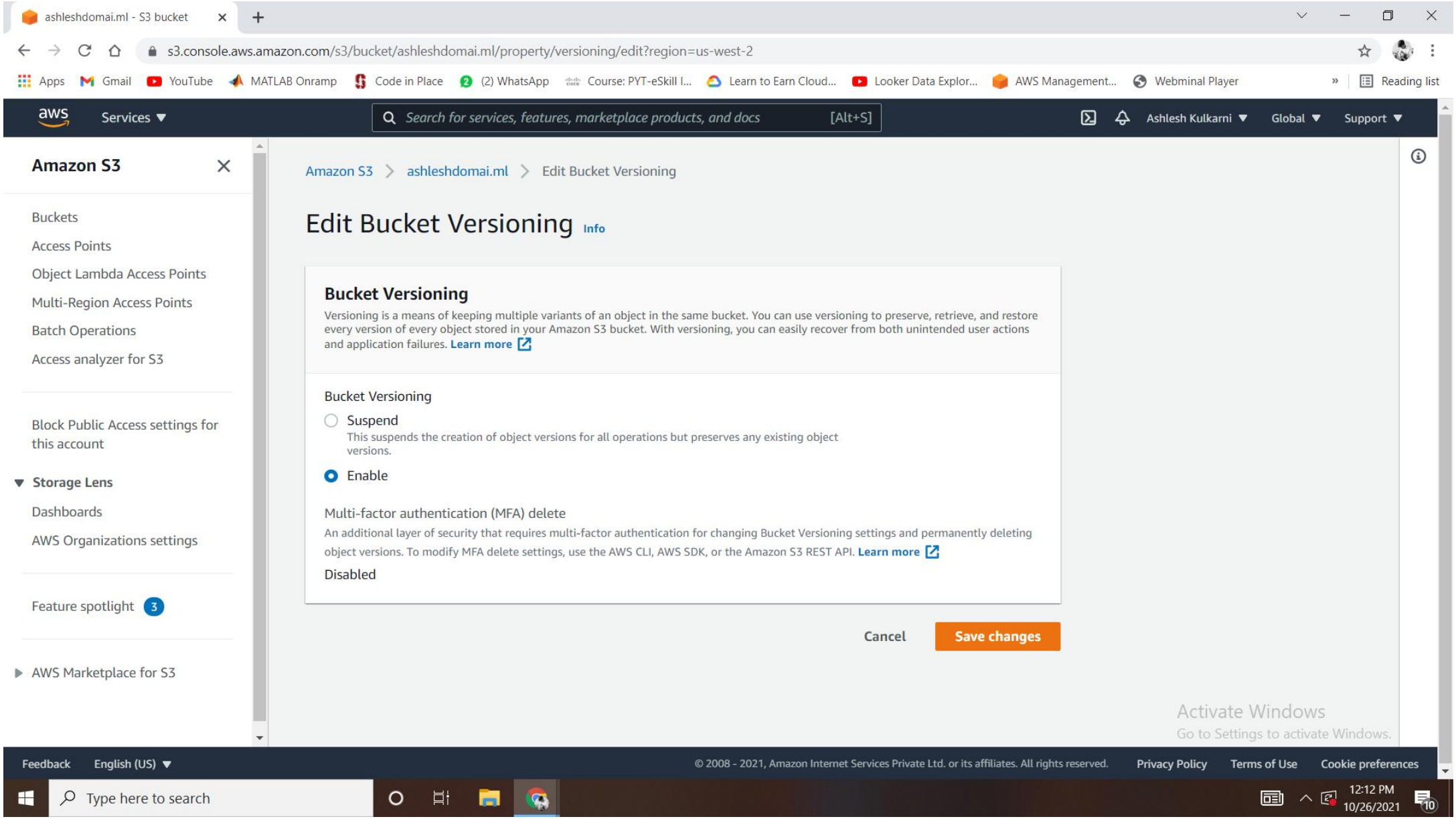
ashleshdomai.ml - S3 bucket
s3.console.aws.amazon.com/s3/bucket/ashleshdomai.ml/property/versioning/edit?region=us-west-2
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Amazon S3 > ashleshdomai.ml > Edit Bucket Versioning
Edit Bucket Versioning
Info
Bucket Versioning
Versioning is a means of keeping multiple variants of an object in the same bucket. You can use versioning to preserve, retrieve, and restore every version of every object stored in your Amazon S3 bucket. With versioning, you can easily recover from both unintended user actions and application failures. Learn more
Bucket Versioning
Suspend
This suspends the creation of object versions for all operations but preserves any existing object versions.
Enable
Multi-factor authentication (MFA) delete
An additional layer of security that requires multi-factor authentication for changing Bucket Versioning settings and permanently deleting object versions. To modify MFA delete settings, use the AWS CLI, AWS SDK, or the Amazon S3 REST API. Learn more
Disabled
Cancel
Save changes
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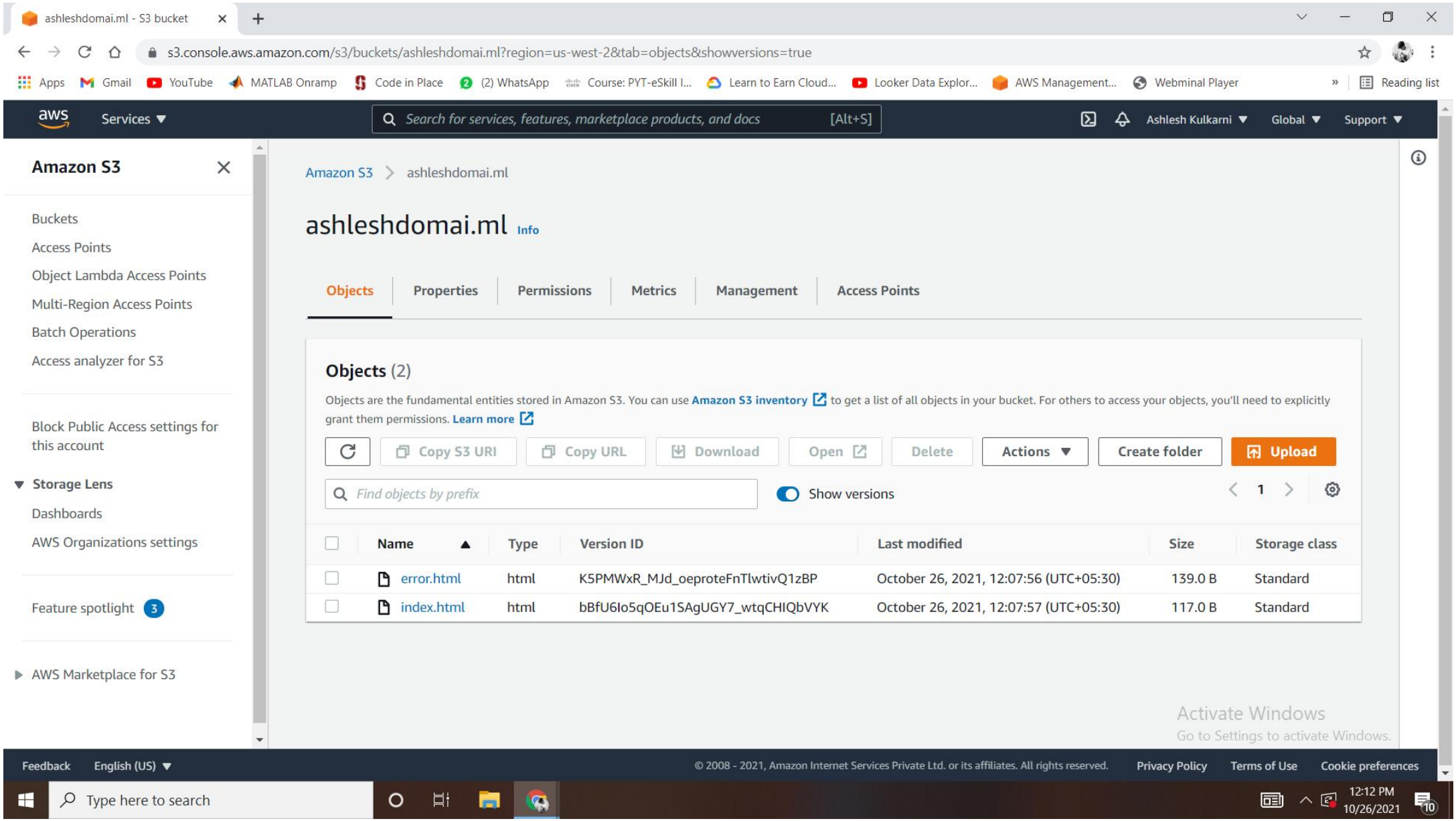
ashleshdomai.ml - S3 bucket
s3.console.aws.amazon.com/s3/buckets/ashleshdomai.ml?region=us-west-2&tab=objects&showversions=true
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Delete
Actions
Create folder
Upload
Find objects by prefix
Show versions
1
Name
Type
Version ID
Last modified
Size
Storage class
error.html
html
K5PMWxR_MJd_oeproteFnTlwtivQ1zBP
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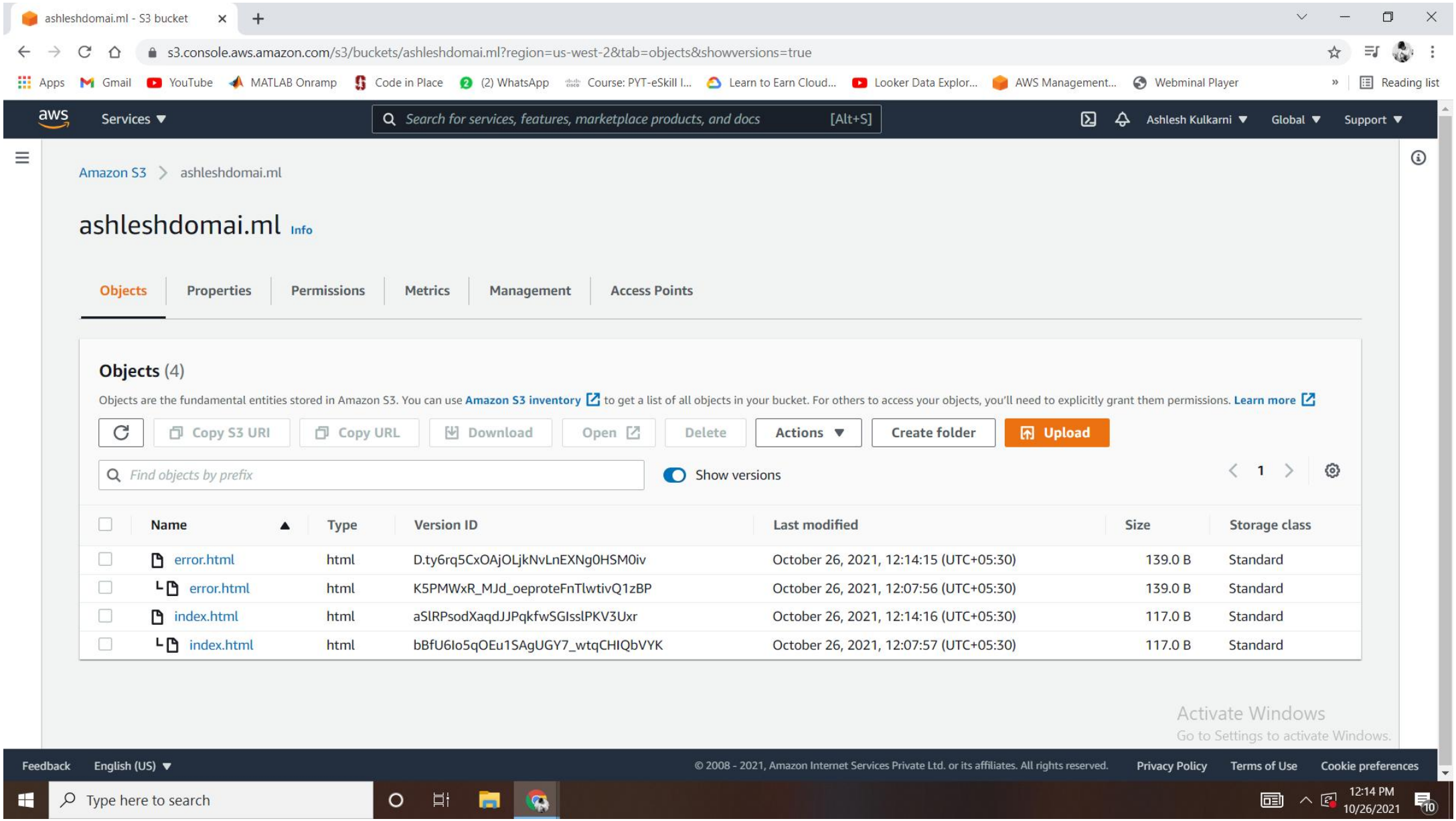
ashleshdomai.ml - S3 bucket
s3.console.aws.amazon.com/s3/buckets/ashleshdomai.ml?region=us-west-2&tab=objects&showversions=true
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Objects (4)
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Copy S3 URI
Copy URL
Download
Open
Delete
Actions
Create folder
Upload
Find objects by prefix
Show versions
1
Name
Type
Version ID
Last modified
Size
Storage class
error.html html D.ty6rq5CxOAjOLjkNvLnEXNg0HSM0iv October 26, 2021, 12:14:15 (UTC+05:30) 139.0 B Standard
error.html html K5PMWxR_MJd_oeproteFnTlwtivQ1zBP October 26, 2021, 12:07:56 (UTC+05:30) 139.0 B Standard
index.html html aSlRPsodXaqdJJPqkfwSGIsslPKV3Uxr October 26, 2021, 12:14:16 (UTC+05:30) 117.0 B Standard
index.html html bBfU6Io5qOEu1SAgUGY7_wtqCHIQbVYK October 26, 2021, 12:07:57 (UTC+05:30) 117.0 B Standard
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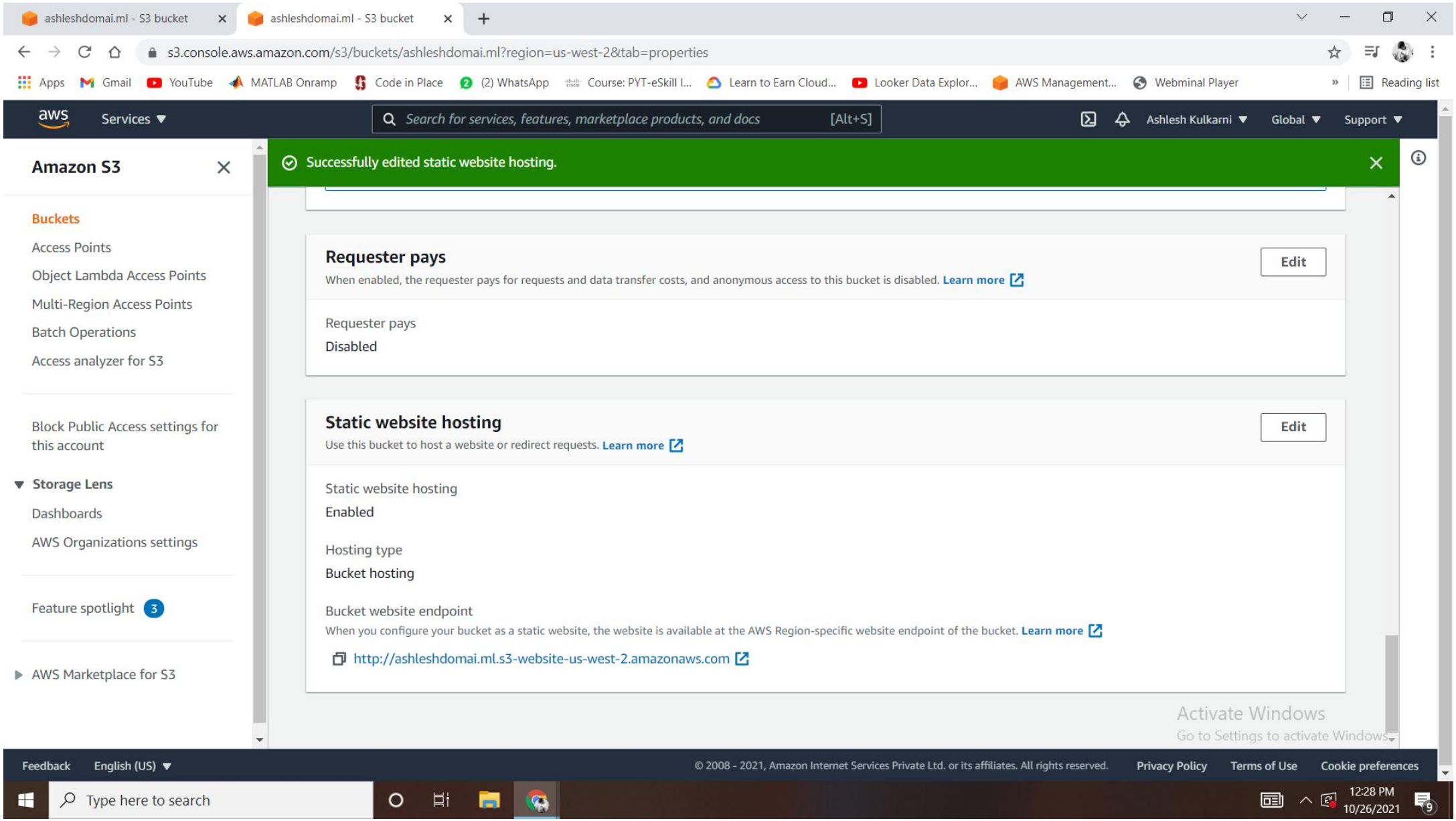
Module 5: S3 Assignment - 3

You have been asked to:

1. Now, make the same bucket to be Static website host and upload an index.html and error.html page
2. Also, add a lifecycle rule for the bucket:
    a. Transition from Standard to Standard-IA in 60 days
    b. Expiration in 200 days


ashleshdomai.ml - S3 bucket
ashleshdomai.ml - S3 bucket
s3.console.aws.amazon.com/s3/buckets/ashleshdomai.ml?region=us-west-2&tab=properties
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AWS Marketplace for S3
Successfully edited static website hosting.
Requester pays
When enabled, the requester pays for requests and data transfer costs, and anonymous access to this bucket is disabled. Learn more
Edit
Requester pays
Disabled
Static website hosting
Use this bucket to host a website or redirect requests. Learn more
Edit
Static website hosting
Enabled
Hosting type
Bucket hosting
Bucket website endpoint
When you configure your bucket as a static website, the website is available at the AWS Region-specific website endpoint of the bucket. Learn more
http://ashleshdomai.ml.s3-website-us-west-2.amazonaws.com
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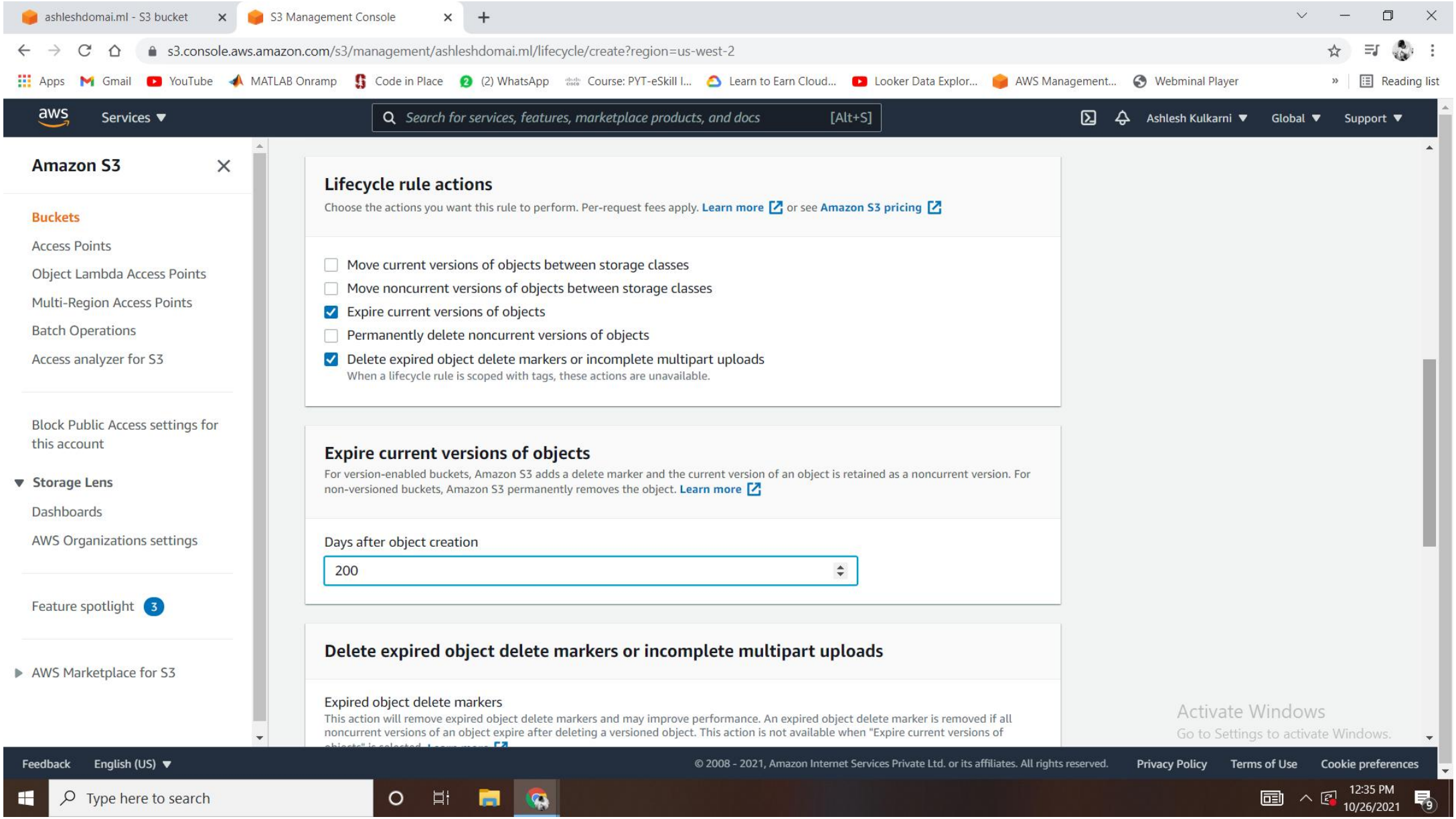
ashleshdomai.ml - S3 bucket
S3 Management Console
s3.console.aws.amazon.com/s3/management/ashleshdomai.ml/lifecycle/create?region=us-west-2
Apps
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Lifecycle rule actions
Choose the actions you want this rule to perform. Per-request fees apply. Learn more or see Amazon S3 pricing
Move current versions of objects between storage classes
Move noncurrent versions of objects between storage classes
Expire current versions of objects
Permanently delete noncurrent versions of objects
Delete expired object delete markers or incomplete multipart uploads
When a lifecycle rule is scoped with tags, these actions are unavailable.
Expire current versions of objects
For version-enabled buckets, Amazon S3 adds a delete marker and the current version of an object is retained as a noncurrent version. For non-versioned buckets, Amazon S3 permanently removes the object. Learn more
Days after object creation
200
Delete expired object delete markers or incomplete multipart uploads
Expired object delete markers
This action will remove expired object delete markers and may improve performance. An expired object delete marker is removed if all noncurrent versions of an object expire after deleting a versioned object. This action is not available when "Expire current versions of
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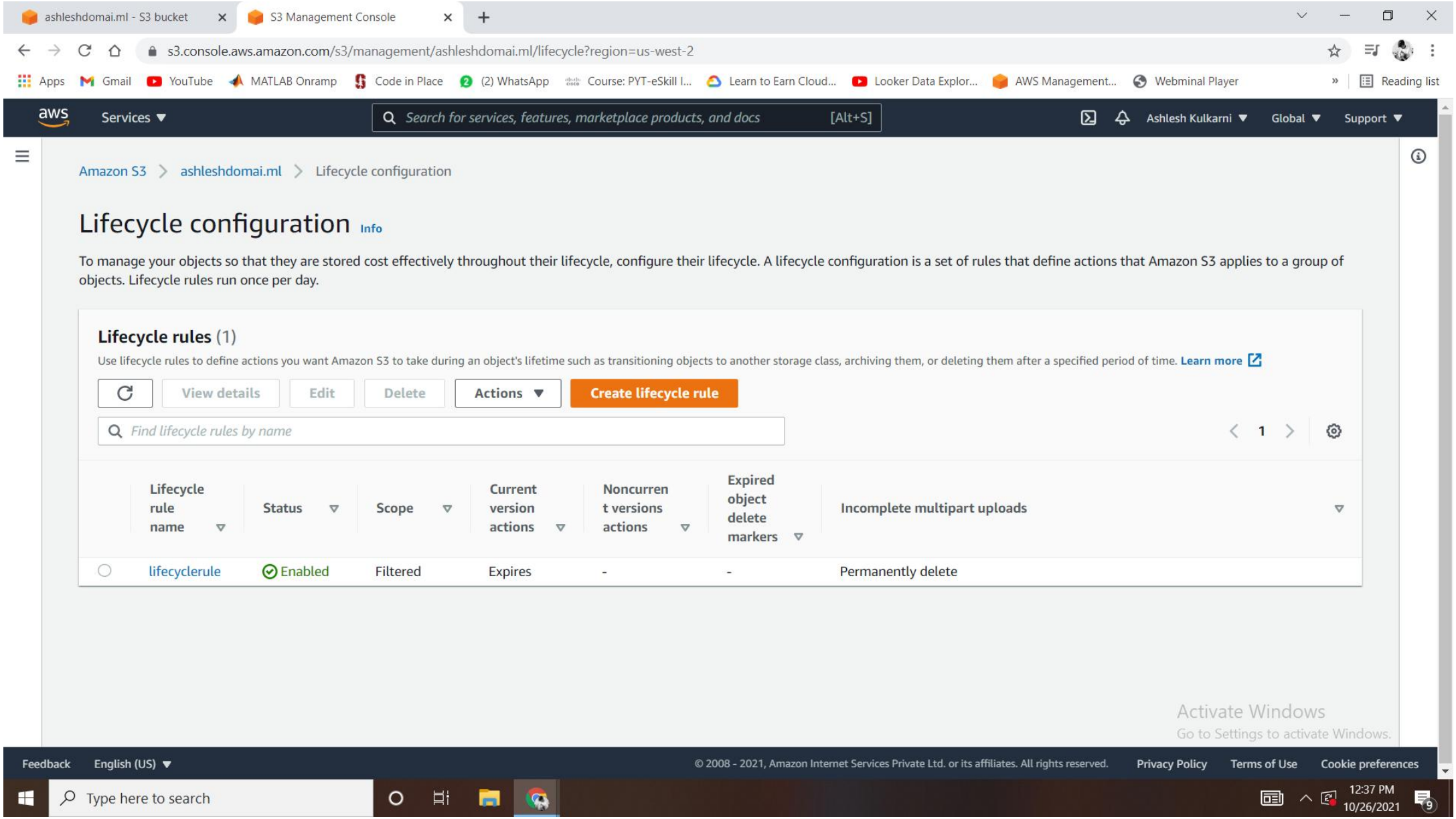
ashleshdomai.ml - S3 bucket
S3 Management Console
s3.console.aws.amazon.com/s3/management/ashleshdomai.ml/lifecycle?region=us-west-2
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Support
Amazon S3 > ashleshdomai.ml > Lifecycle configuration
Lifecycle configuration Info
To manage your objects so that they are stored cost effectively throughout their lifecycle, configure their lifecycle. A lifecycle configuration is a set of rules that define actions that Amazon S3 applies to a group of objects. Lifecycle rules run once per day.
Lifecycle rules (1)
Use lifecycle rules to define actions you want Amazon S3 to take during an object's lifetime such as transitioning objects to another storage class, archiving them, or deleting them after a specified period of time. Learn more
View details
Edit
Delete
Actions
Create lifecycle rule
Find lifecycle rules by name
1
Lifecycle rule name
Status
Scope
Current version actions
Noncurrent versions actions
Expired object delete markers
Incomplete multipart uploads
lifecyclerule
Enabled
Filtered
Expires
-
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Permanently delete
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