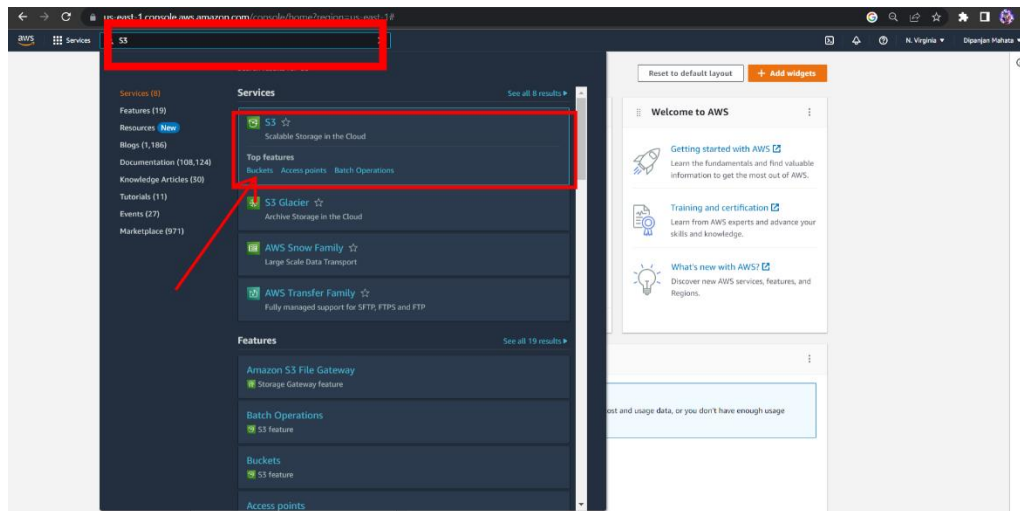


Assignment 4

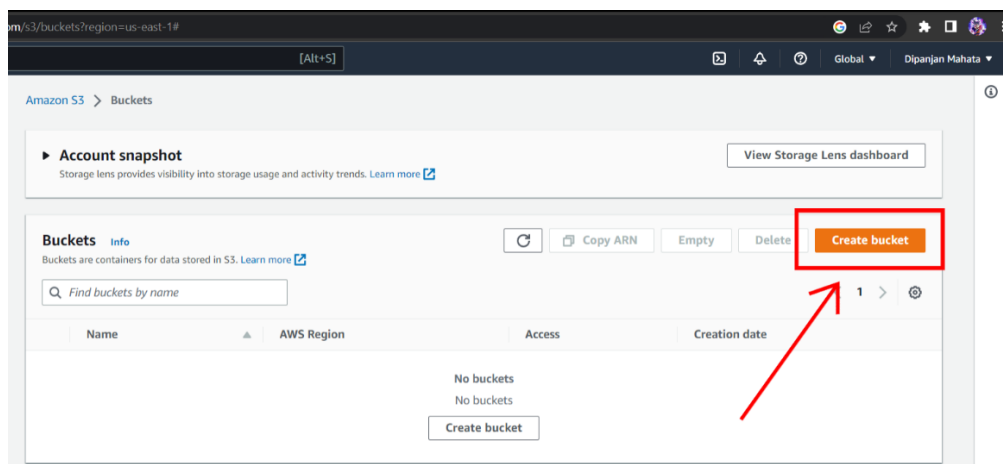
Create a private bucket in AWS. Upload a file and check by presign url that you can access the file or not.

Steps for creating an AWS account:

1. **Sign in.** Sign in as a root user. Provide username and password when prompted.
2. Search on the search bar **S3**. After that click on **bucket** in the **S3**.



3. Now click on **Create bucket**.



4. Give a **Unique** bucket name.

aws Services Search [Alt+S]

Amazon S3 > Buckets > Create bucket

Create bucket [Info](#)

Buckets are containers for data stored in S3. [Learn more](#)

General configuration

Bucket name

Dip12

Bucket name must be globally unique and must not contain spaces or uppercase letters. [See rules for bucket naming](#)

AWS Region

Asia Pacific (Mumbai) ap-south-1

Copy settings from existing bucket - *optional*
Only the bucket settings in the following configuration are copied.

Choose bucket

5. Now click on **ACLs disable**.

aws Services Search [Alt+S]

Object Ownership [Info](#)

Control ownership of objects written to this bucket from other AWS accounts and the use of access control lists (ACLs). Object ownership determines who can specify access to objects.

☒ **ACLs disabled (recommended)**
All objects in this bucket are owned by this account. Access to this bucket and its objects is specified using only policies.

☐ **ACLs enabled**
Objects in this bucket can be owned by other AWS accounts. Access to this bucket and its objects can be specified using ACLs.

Object Ownership

Bucket owner enforced

Upcoming permission changes to disable ACLs
Starting in April 2023, to disable ACLs when creating buckets by using the S3 console, you will no longer need the `s3:PutBucketOwnershipControls` permission. [Learn more](#)

6. Now give the **Bucket versioning** as disable.

s3.console.aws.amazon.com/s3/bucket/create?region=ap-south-1

aws Services Search [Alt+S]

Bucket Versioning

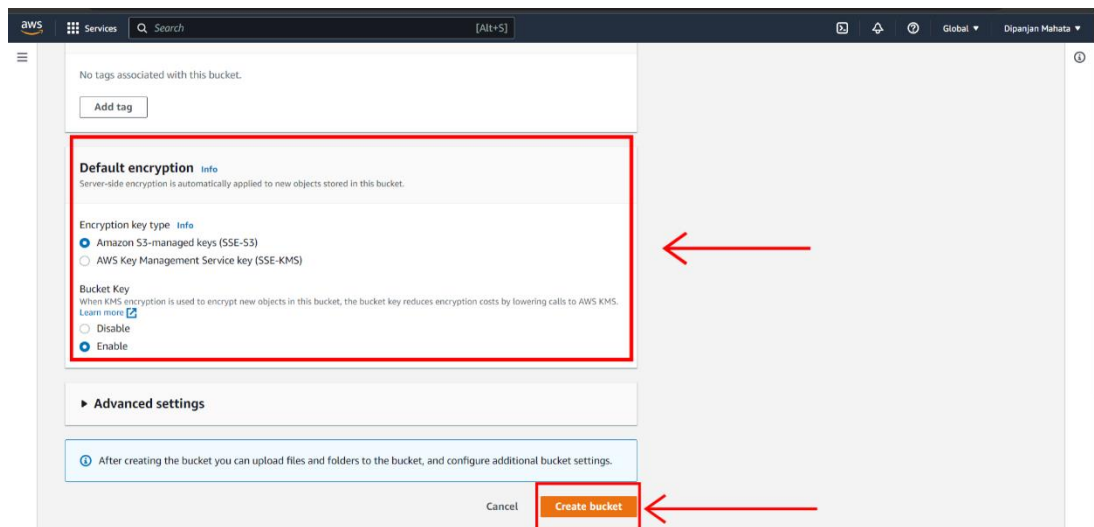
Versioning is a means of keeping multiple variants of an object in the same bucket. You can use versioning to preserve, retrieve, and restore every version of every object stored in your Amazon S3 bucket. With versioning, you can easily recover from both unintended user actions and application failures. [Learn more](#)

Bucket Versioning

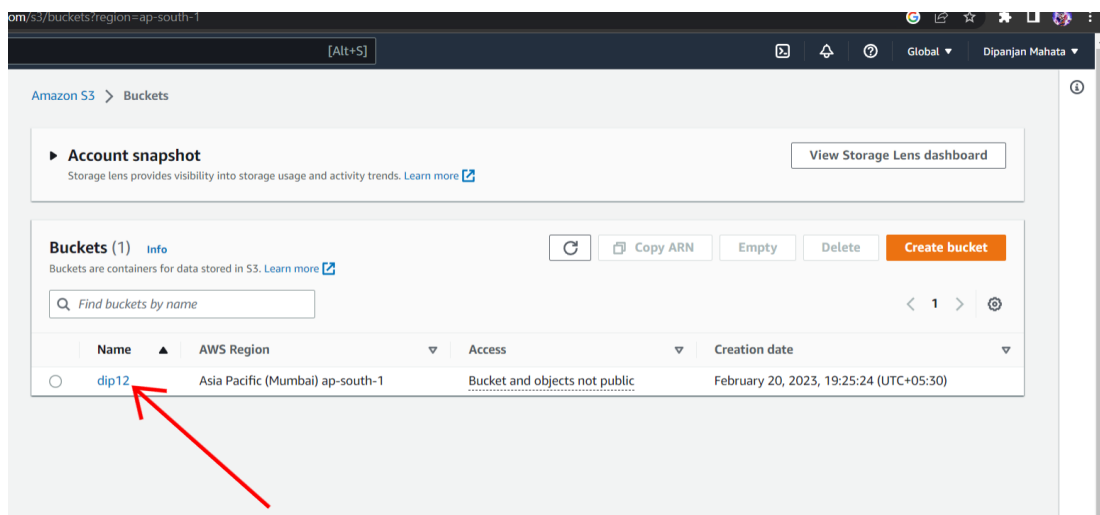
☒ **Disable**

☐ Enable

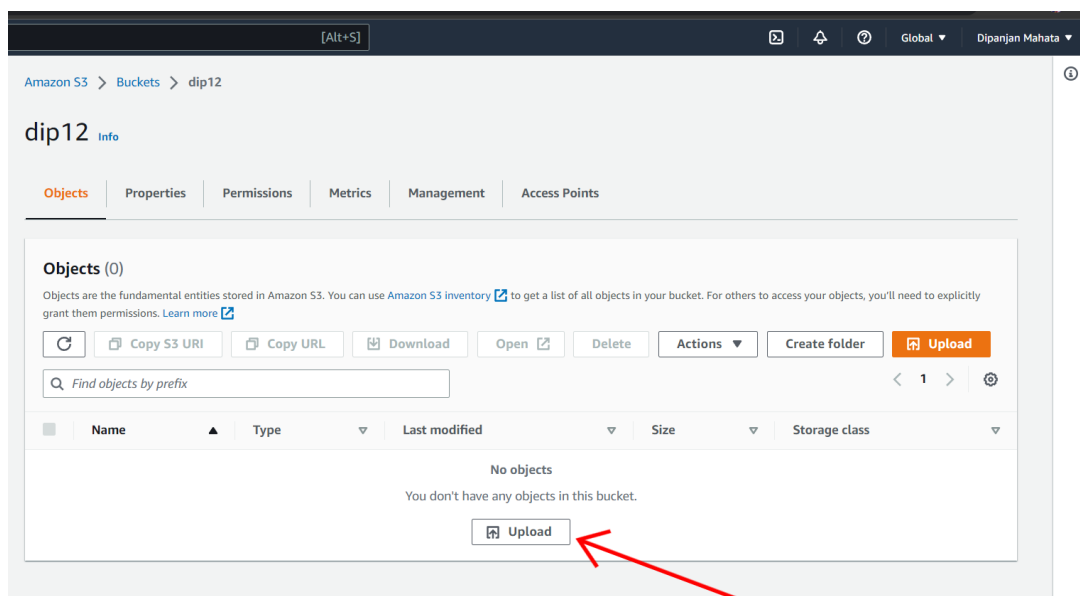
7. In the **Default encryption** section don't change anything. Click on **create bucket**.



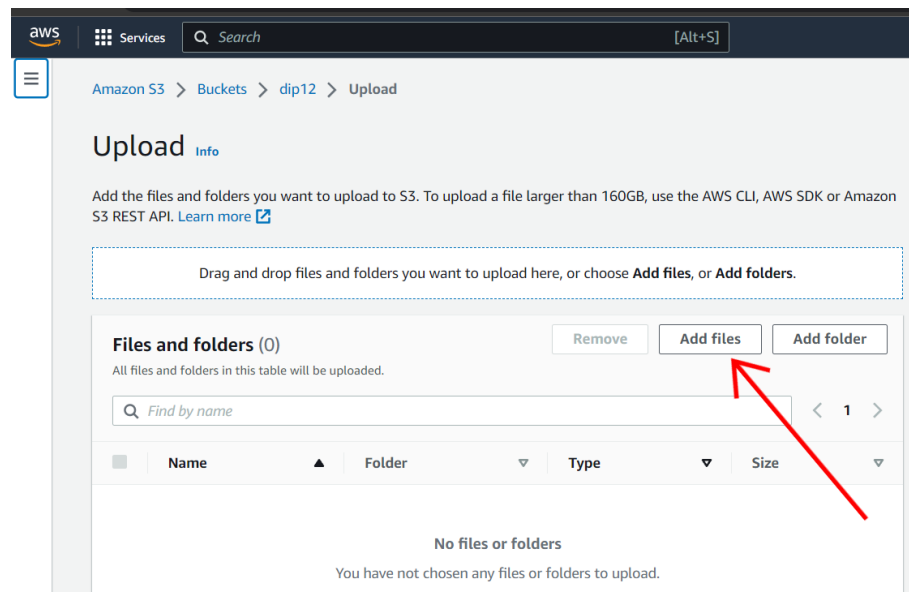
8. After your bucket has created click on the **bucket name**.



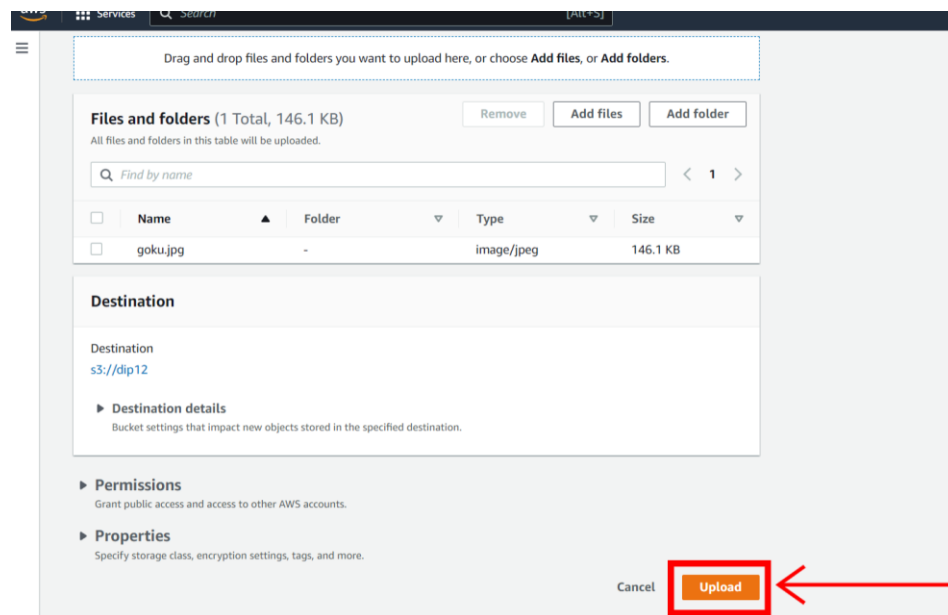
9. After that click on **upload** to upload files or folders.



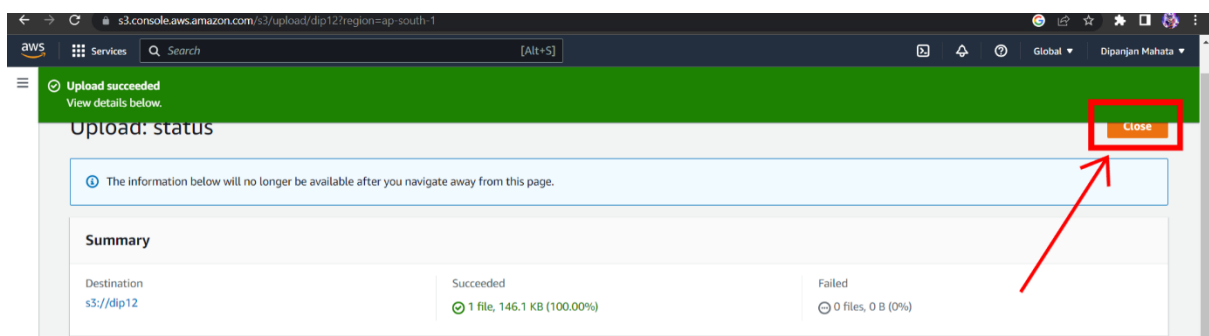
10. Click on **Add files** to add files or **Add folder** to add folders.



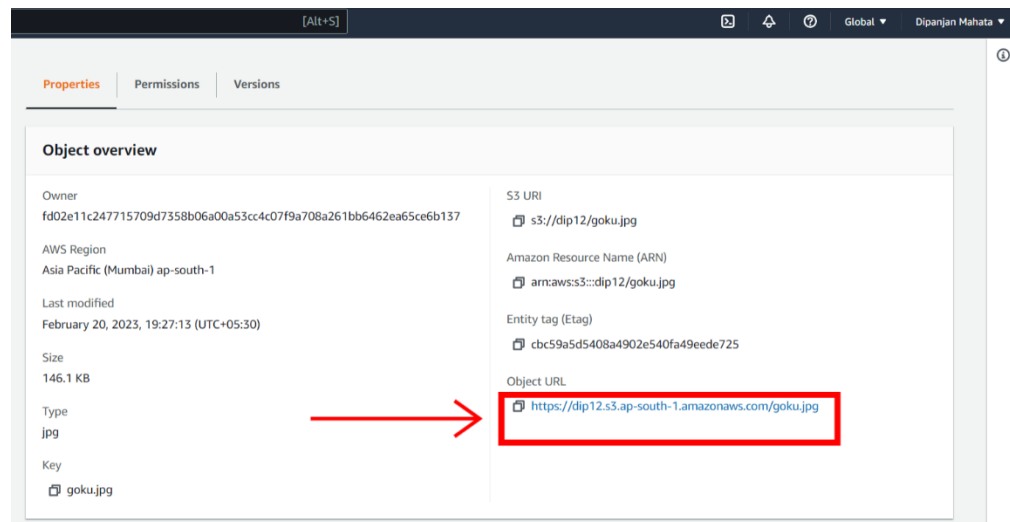
11. After that click on **upload**.



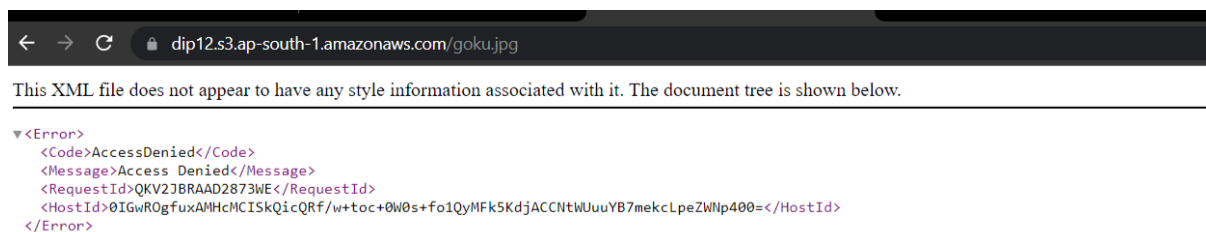
12. Now click **Close**.



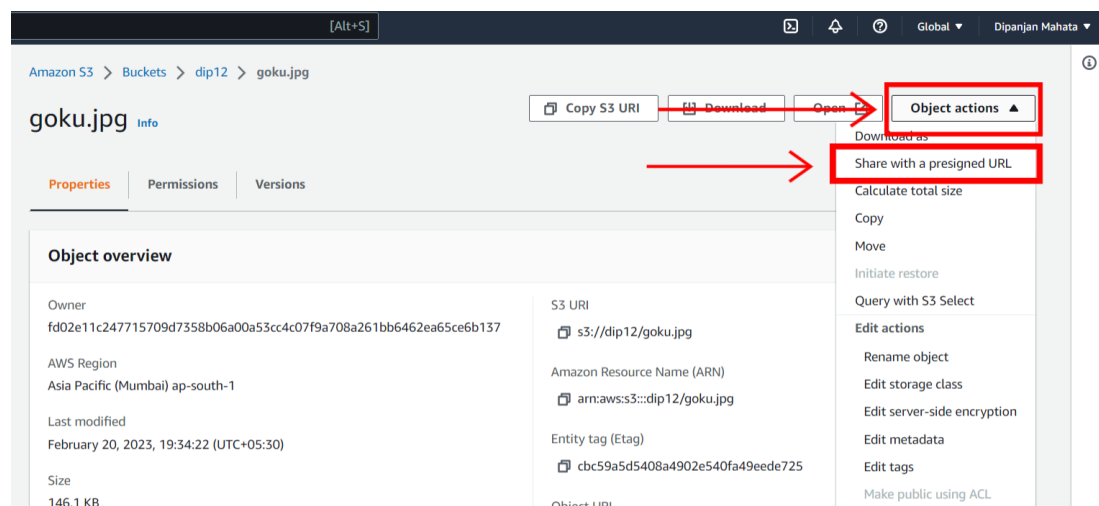
13. Click on the **object URL** to copy the URL so that we can see the file on web.



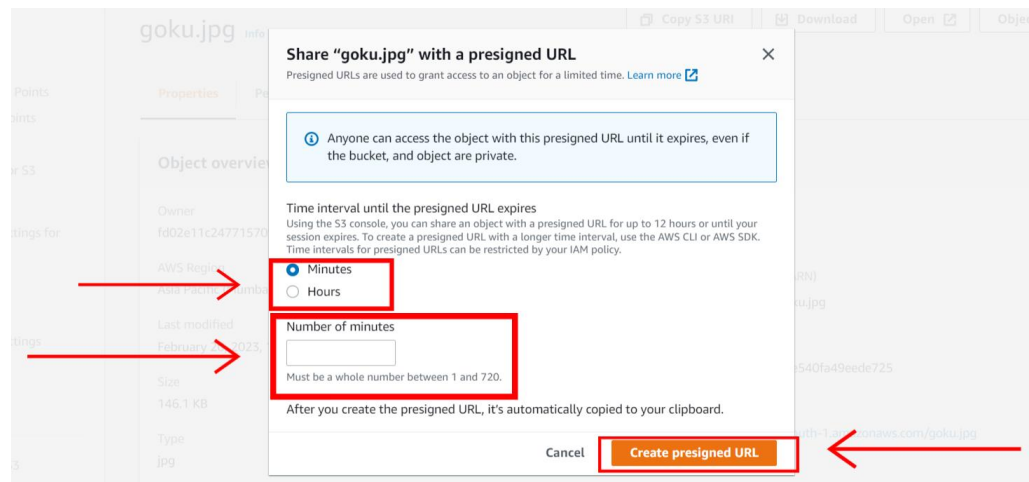
14. As we have not given the permission as public we can't able to see the file.



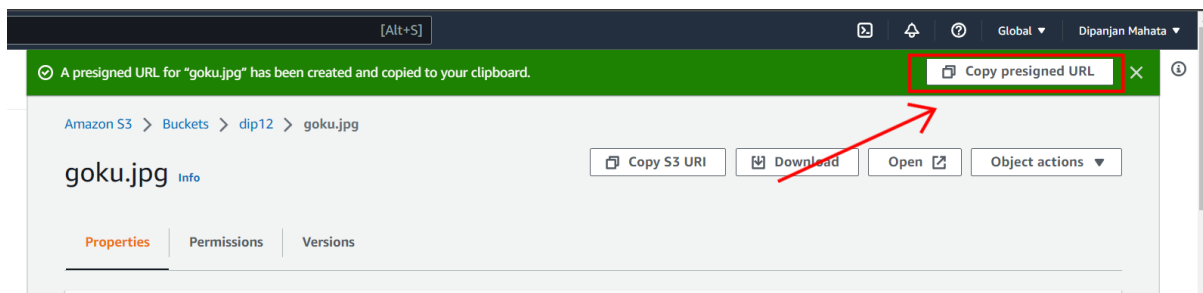
15. Now return back on AWS and click **object actions** and after that click on share with a **pre-signed URL**.



16. Select the **time interval** either in **minutes** or **hours** and give the time for how much you want the pre-signed URL to work. After that click **create pre-signed URL**.



17. Now click on **copy pre-signed URL**.



18. How paste the URL on a new tab and you can see that you are able to see the file which I have uploaded.

