**To create and manage cloud storage buckets and experiment with uploading, downloading, and managing files in the cloud.**

**S3 Bucket Creation:**

Step1:Sign in to the AWS Management Console and open the Amazon S3 console at <https://console.aws.amazon.com/>

Step2: In the left navigation pane, choose Buckets.

Choose Create bucket. The Create bucket page opens.

Step3: For Bucket name, enter a name for your bucket.

Step4: For Region, choose the AWS Region where you want the bucket to reside.

To minimize latency and costs and address regulatory requirements, choose a Region close to you. Objects stored in a Region never leave that Region unless you explicitly transfer them to another Region.

Step5: Under Object Ownership, to disable or enable ACLs and control ownership of objects uploaded in your bucket.

Step6: Under Block Public Access settings for this bucket, choose the Block Public Access settings that you want to apply to the bucket.

By default, all four Block Public Access settings are enabled. We recommend that you keep all settings enabled

Step7: Under Bucket Versioning, you can choose if you wish to keep variants of objects in your bucket.

Step8: To add a bucket tag, enter a Key and optionally a Value and choose Add Tag.

Step9: To configure default encryption, under Encryption type, choose one of the following:

Amazon S3 managed key (SSE-S3)

AWS Key Management Service key (SSE-KMS)

Step10: After following all the above steps. Choose Create bucket.

You've created a bucket in Amazon S3.

**Uploading object into bucket:**

Step1: In the Buckets list, choose the name of the bucket that you want to upload your object to.

On the Objects tab for your bucket, choose Upload.

Step2: Under Files and folders, choose Add files.

Choose a file to upload, and then choose Open.

Choose Upload.

Step3: You've successfully uploaded an object to your bucket.

**Downloading an object from bucket:**

Step1: In the Buckets list, choose the name of the bucket that you want to download an object from.

Step2: choose Download. If you want to download the object to a specific folder, on the Actions menu, choose Download as.

Step3: If you want to download a specific version of the object, turn on Show versions (located next to the search box). Select the check box next to the version of the object that you want, and choose Download.

Step4: You've successfully downloaded your object.

**Deleting objects and bucket:**

Step1: When you no longer need an object or a bucket, It is recommended that you delete them to prevent further charges.

Step2: Before you delete your bucket, empty the bucket or delete the objects in the bucket. After you delete your objects and bucket, they are no longer available.