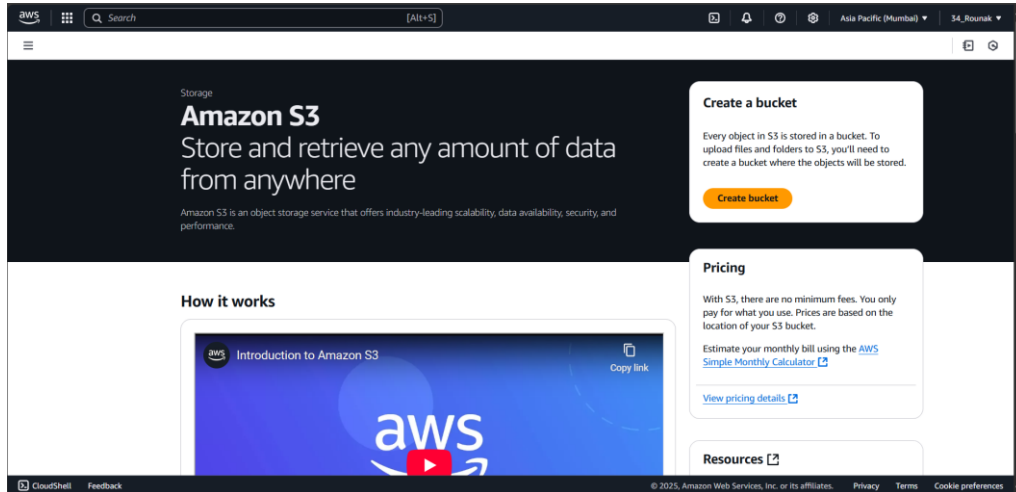


## Assignment number: 4

**Problem definition:** Create a private bucket in AWS. Upload a file and check by presigned URL whether you can access the file or not.

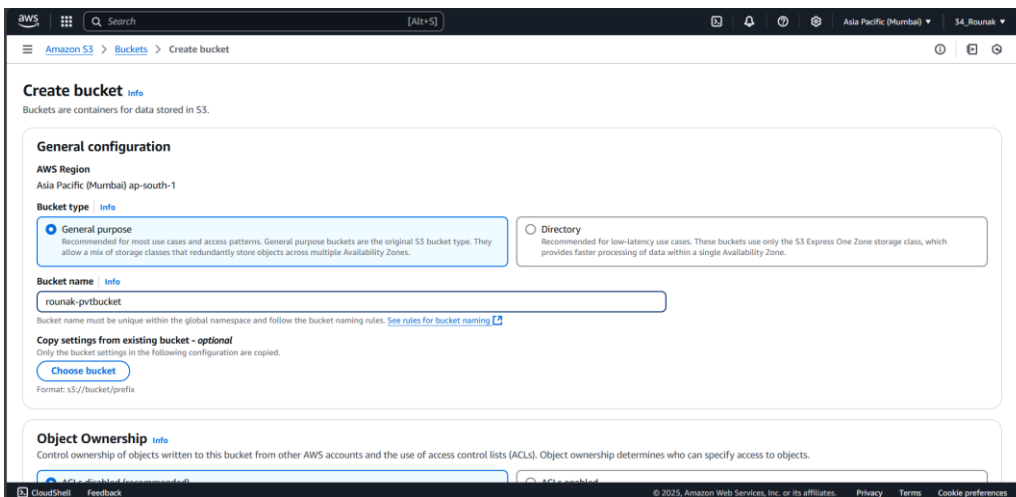
Step 1: Sign in to your AWS account as the root user.

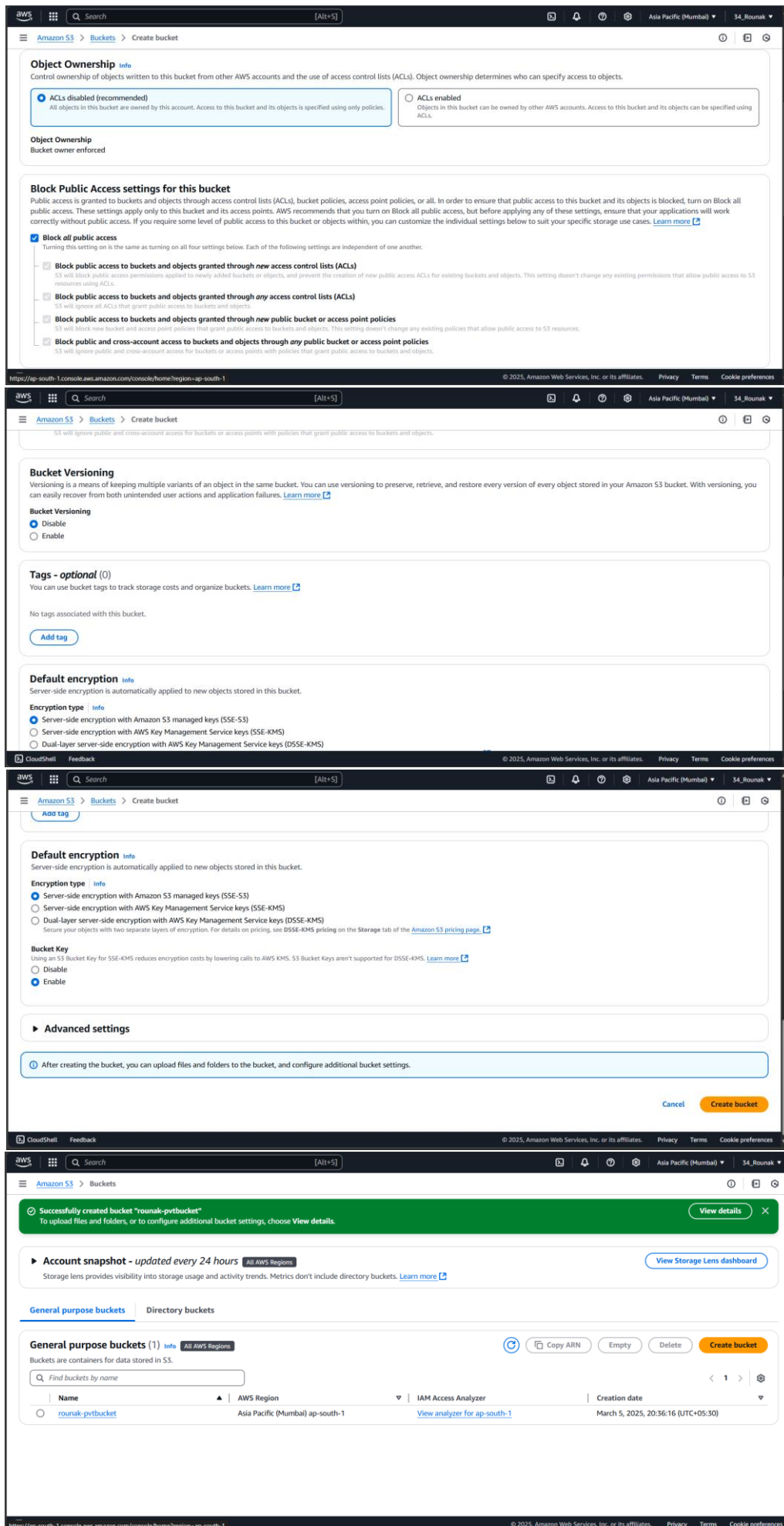
Step 2: In the AWS homepage search box, type “S3” and select the first option to open the Amazon S3 dashboard.



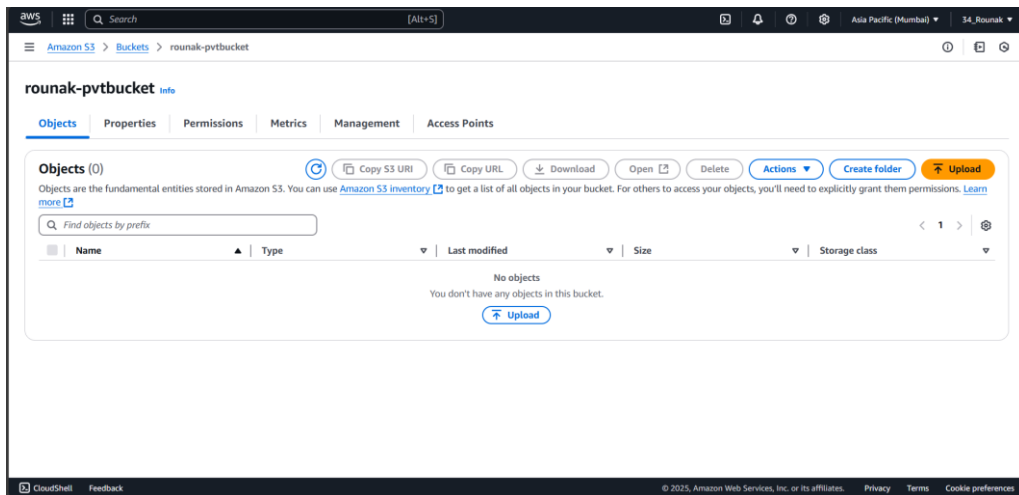
Step 3: Click the “**Create bucket**” button.

Step 4: On the Create Bucket page, provide a globally unique bucket name using only lowercase letters and no spaces, and choose the Asia Pacific (Mumbai) ap-south-1 region. In the Object Ownership section, ensure that ACLs are disabled, and in the Public Access settings, keep all public access blocked to ensure your bucket remains private. Click the “**Create bucket**” button to finalize and create your bucket.

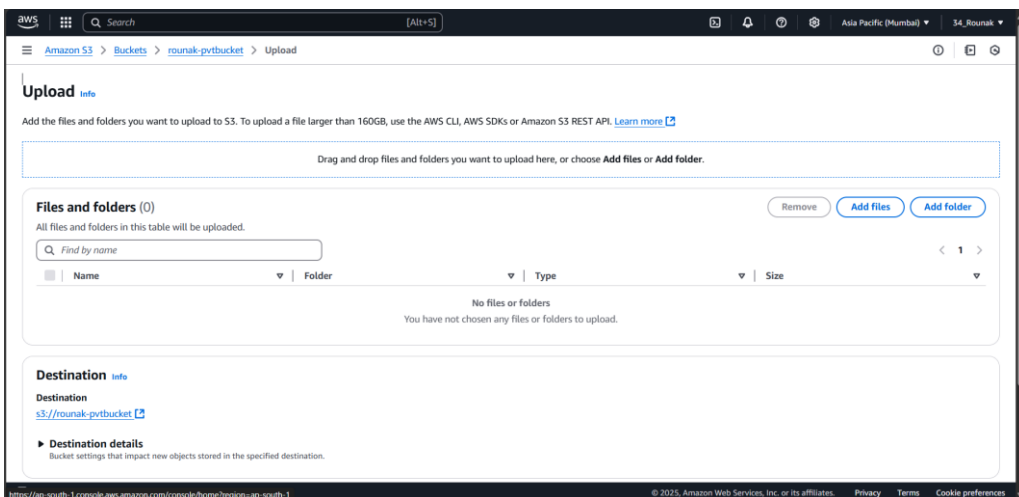




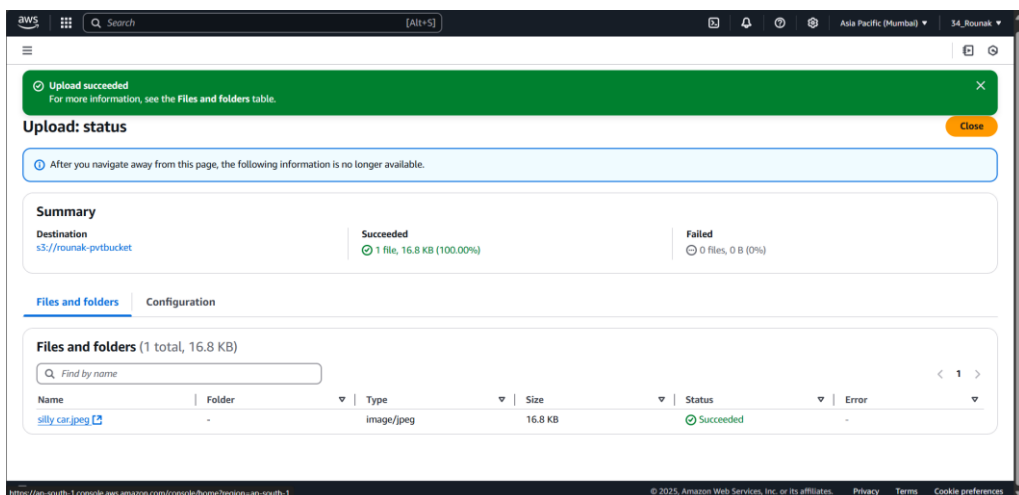
Step 4: Once the bucket is created, click on its name from the list of buckets to open the bucket details page.



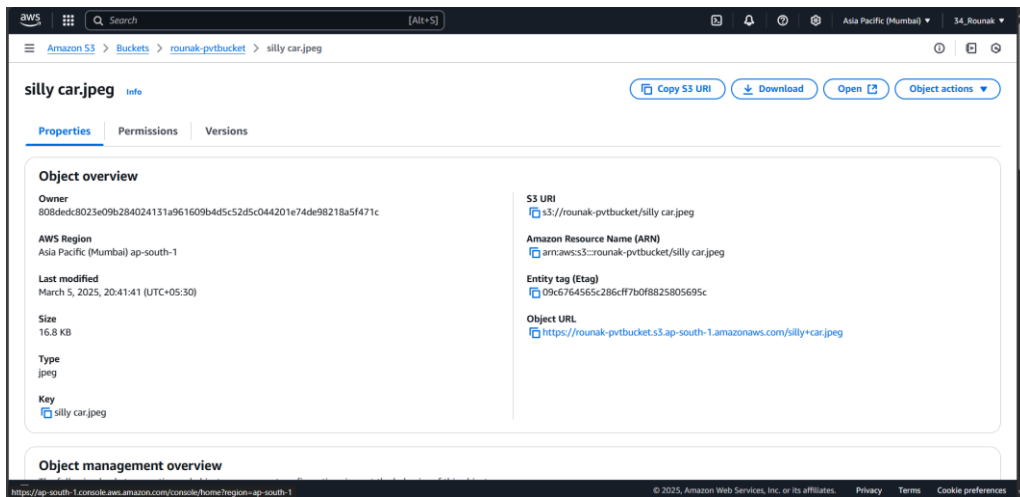
Step 5: Click the “Upload” button to begin the process of adding a file to your bucket.



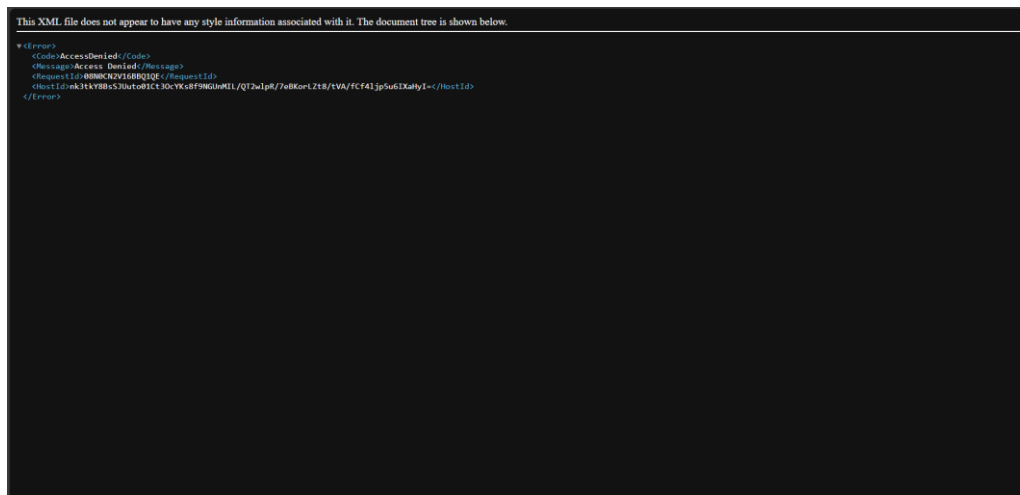
Step 6: In the upload interface, click on “Add files”, select the desired file from your computer, and then click “Upload” to start the file transfer.



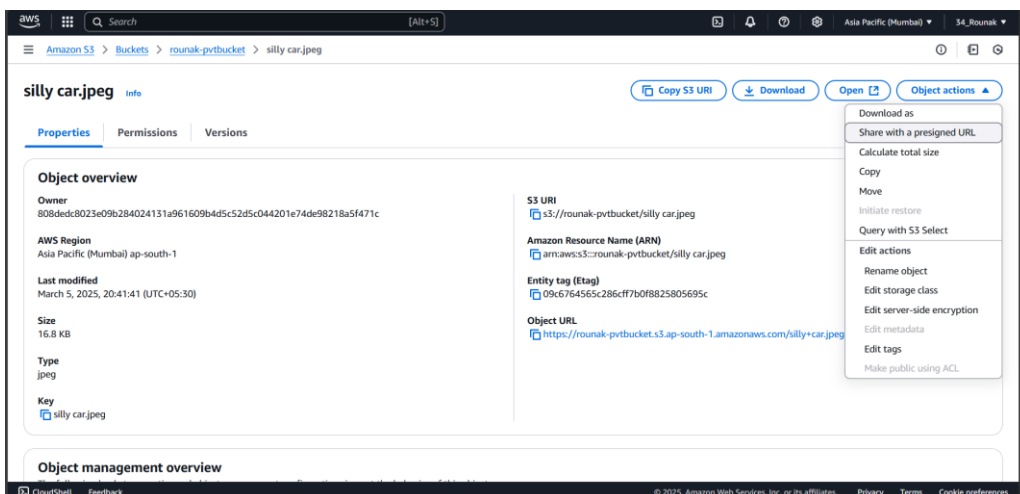
Step 7: After the file is uploaded, locate it in the objects list, click on the file to open its details, and scroll down to copy the Object URL.



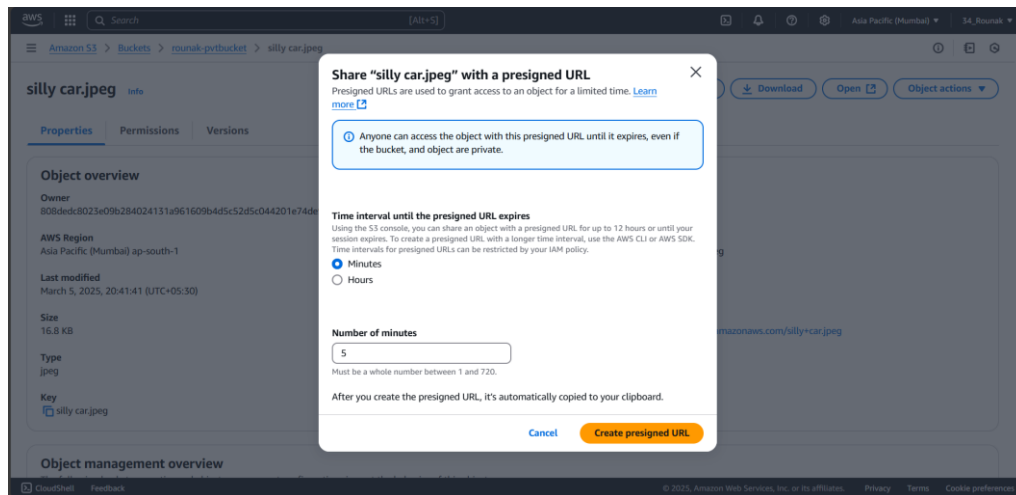
Step 8: Open a new browser tab, paste the Object URL, and press Enter; you should see an error, confirming that the file is in a private bucket.



Step 9: Return to the file's details page in your bucket, click on the **Actions** button, and choose the "Share with presigned URL" option.



Step 10: In the pop-up dialog, specify the duration for which the pre-signed URL should remain active, then click “**Create presigned URL**” to generate the URL (which is automatically copied to your clipboard).



Step 11: Finally, open another browser tab, paste the pre-signed URL, and press Enter to verify that you can access the file using the temporary link.

