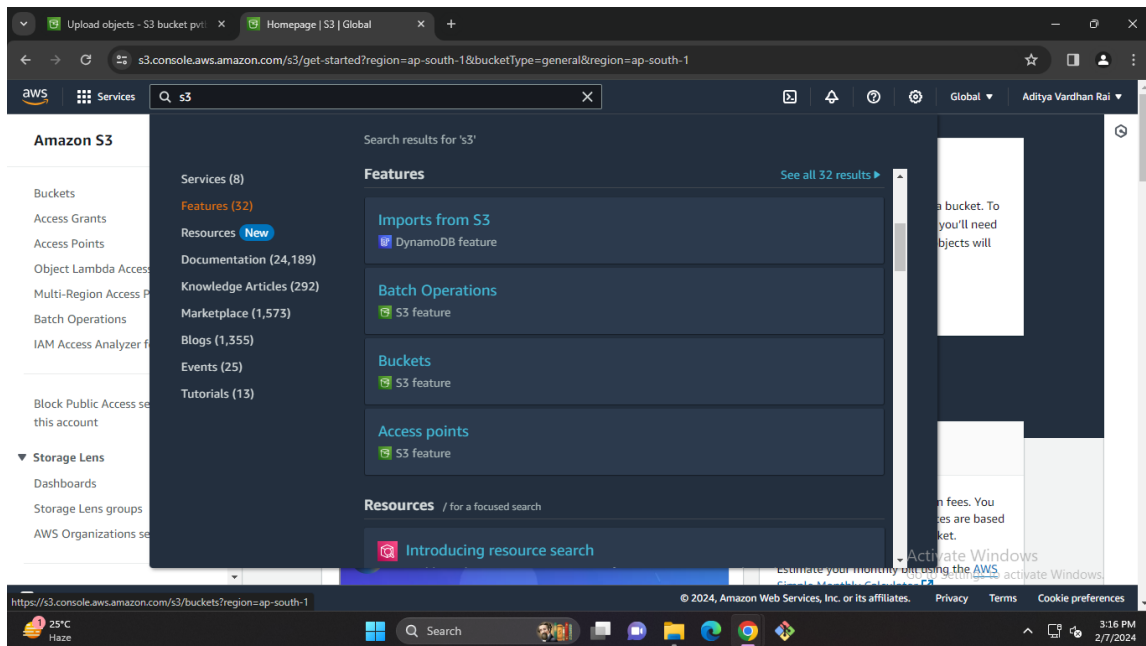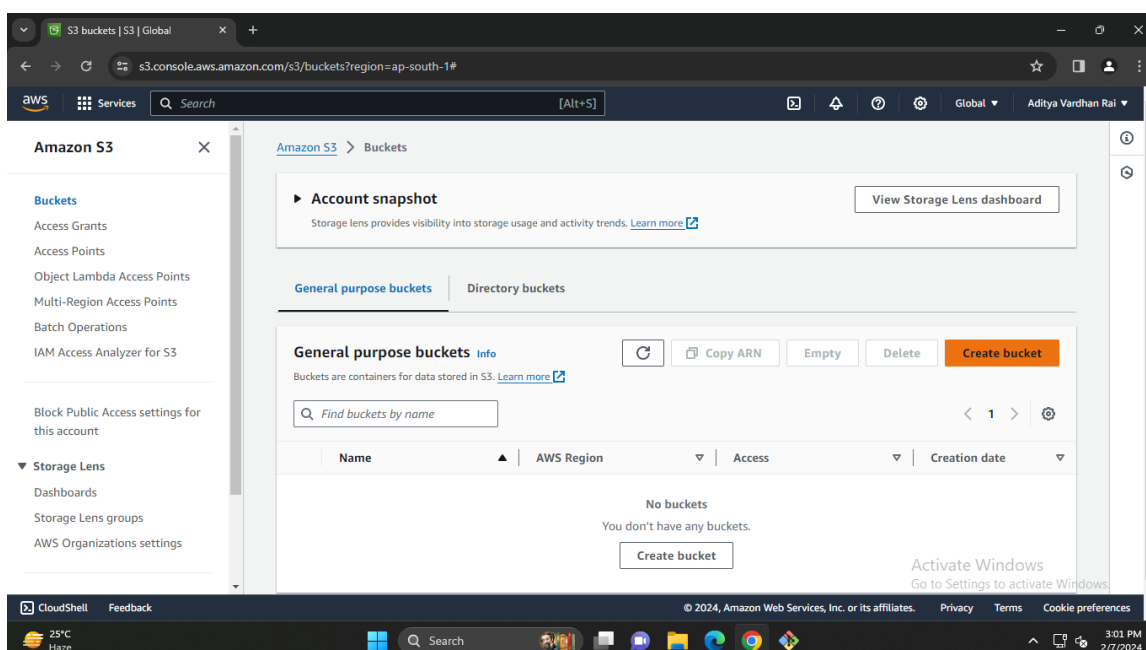## Assignment No. 4:

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

The steps are as follows: -

1. Access the **AWS console**, search for **S3**, and select the top option from the search results.
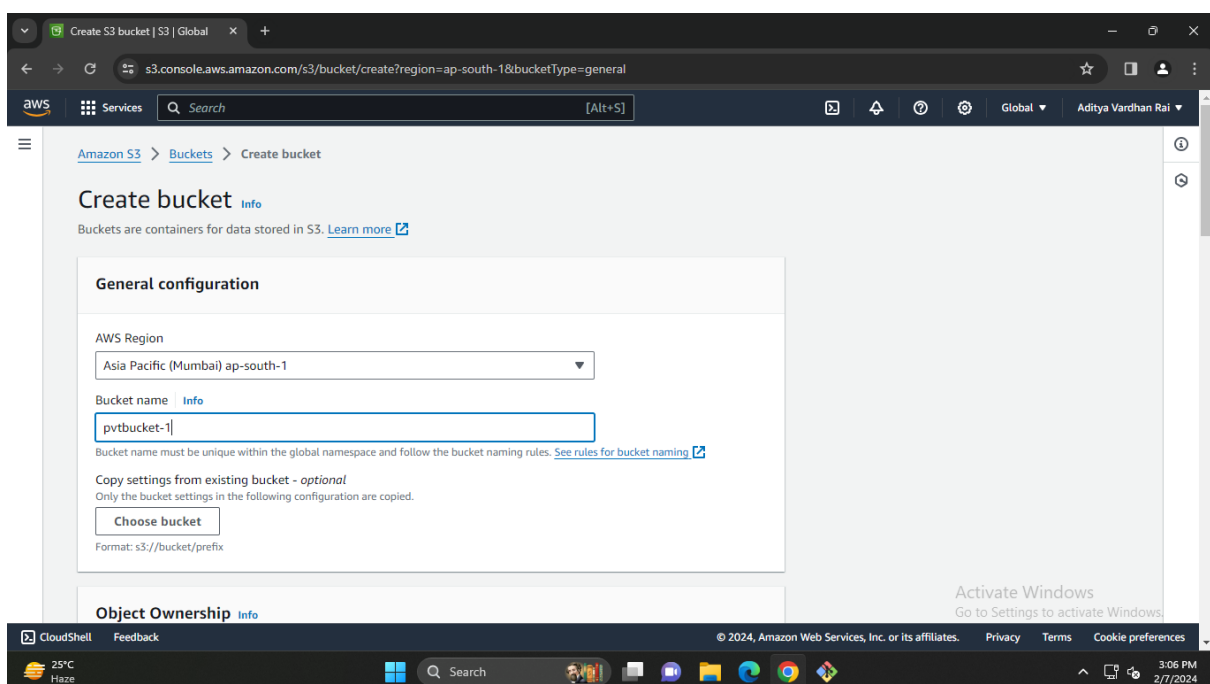

2.Click on **'Create bucket'.**

3. The subsequent window appears. By default, the Object Ownership is set to **'ACLs disabled'** in this window. We will not make any adjustments as we are creating a **private bucket**. Similarly, we will leave the settings unchanged as the '**Block all public access'** checkbox is already selected by default, aligning with our intention to create a **private bucket.**
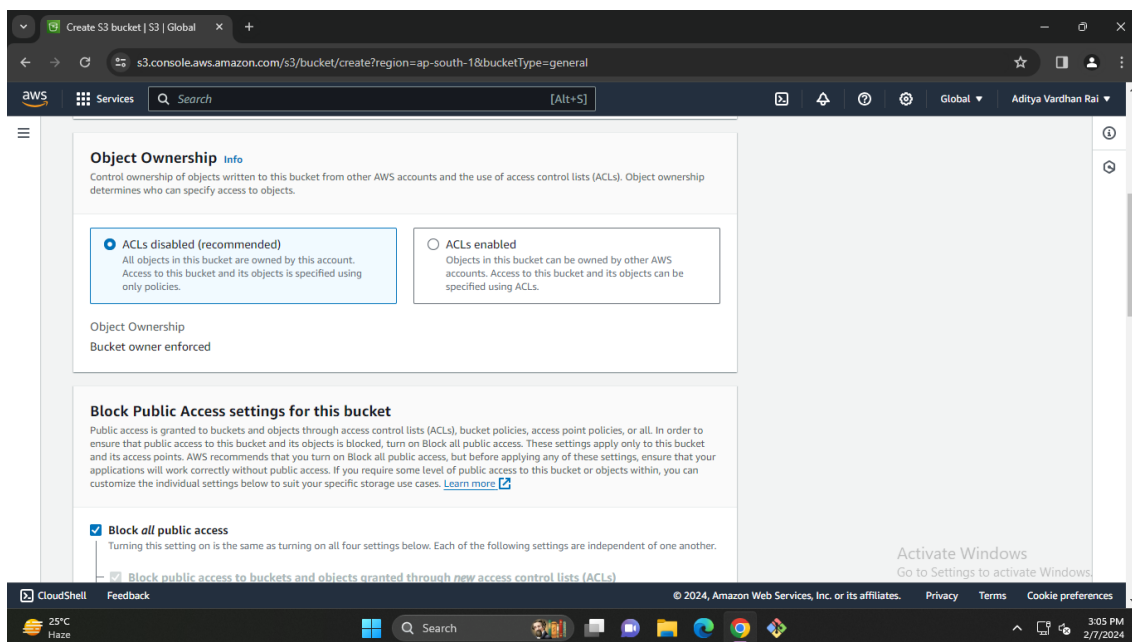

4. From the drop-down menu, select **'Asia Pacific (Mumbai) ap-south-1**' as the AWS Region. Next, specify a bucket name, such as '-pvtbucket'.

5. Now, without making any additional modifications, scroll down and proceed to click on **'Create Bucket'**. A green coloured pop-up dialogue box shall confirm the creation of our bucket. It shall also be displayed on the bucket list.
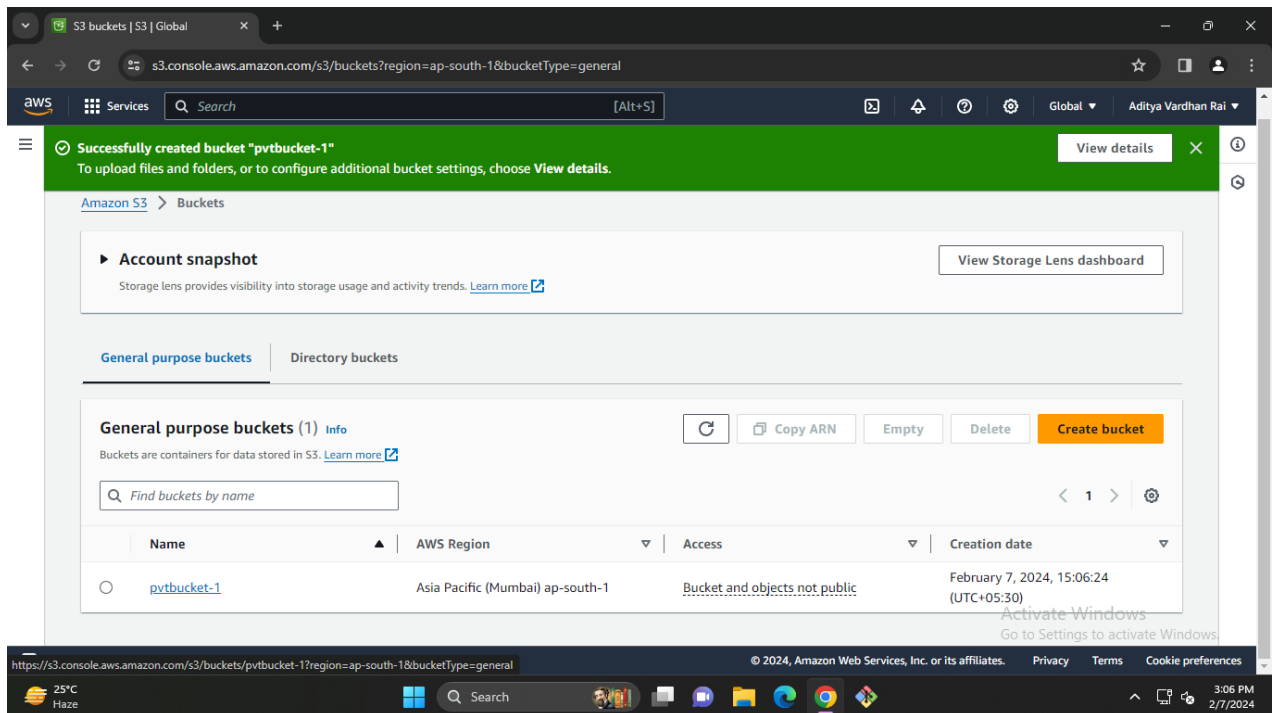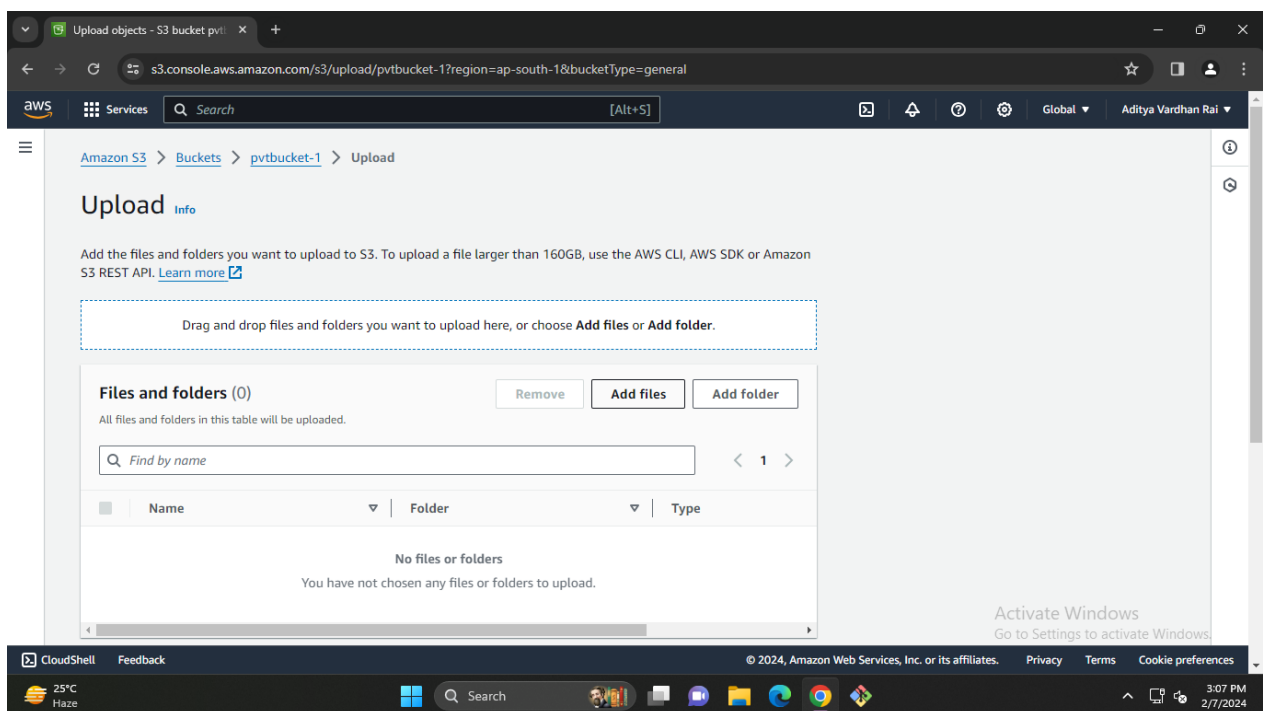

6. Now click on the bucket name (appears in blue). Details of the bucket appears.
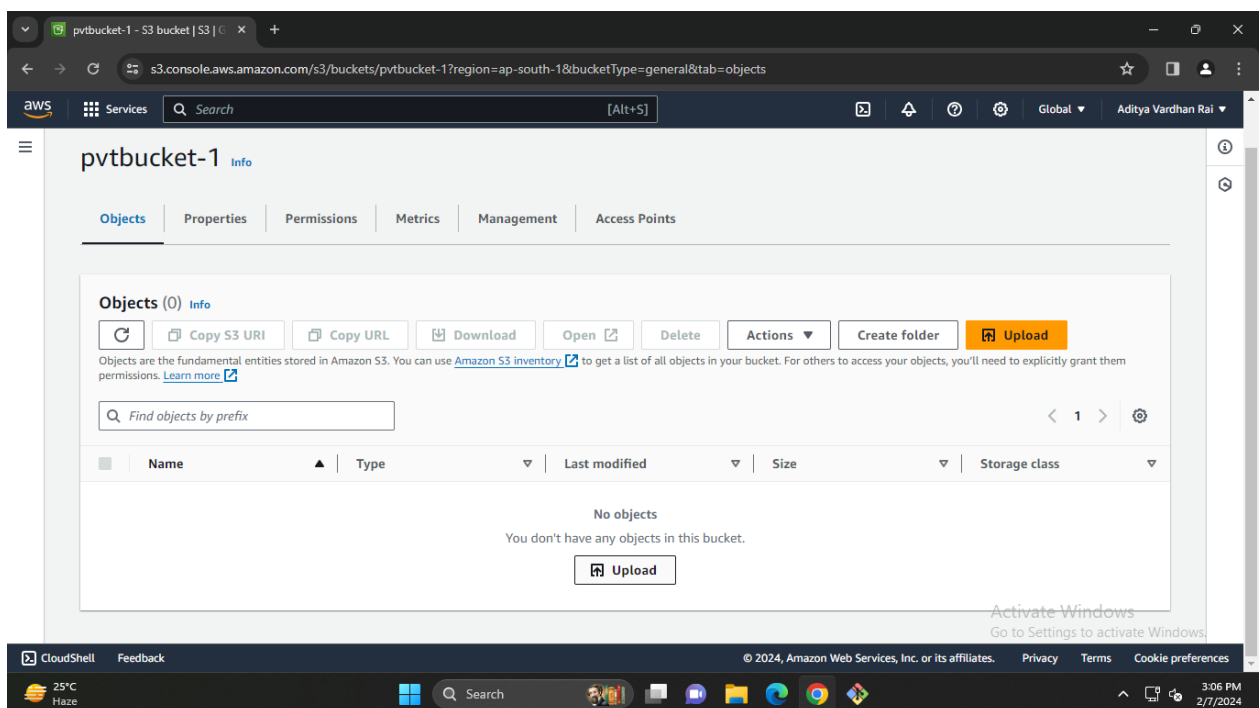
7. Choose the '**Upload**' option, which will lead to the opening of the subsequent window.
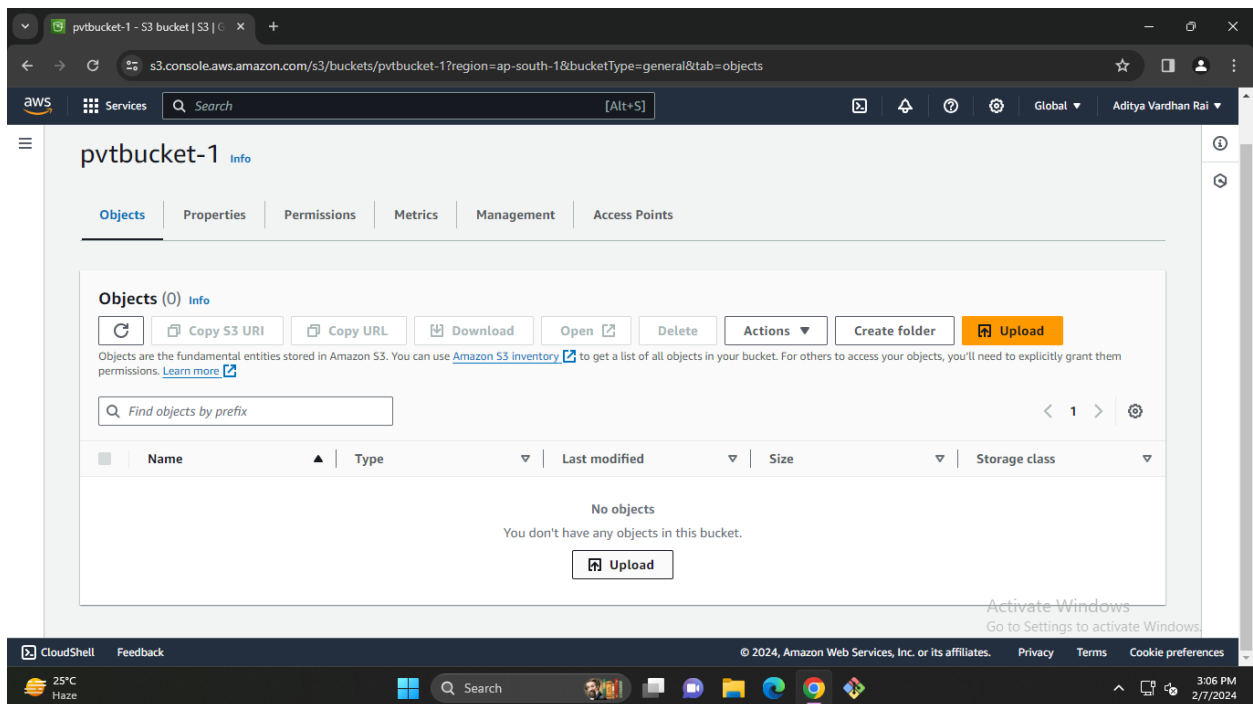

8. From there, click on **'Add files'** and proceed to upload your desired file into the selected bucket (in this case, upload_me.txt). Scroll down and proceed to click on '**Upload'**.

9. The notification confirms that the file has been successfully uploaded. Click on **'Close'** to return. A green coloured pop-up dialogue box shall confirm the successful upload of the file.
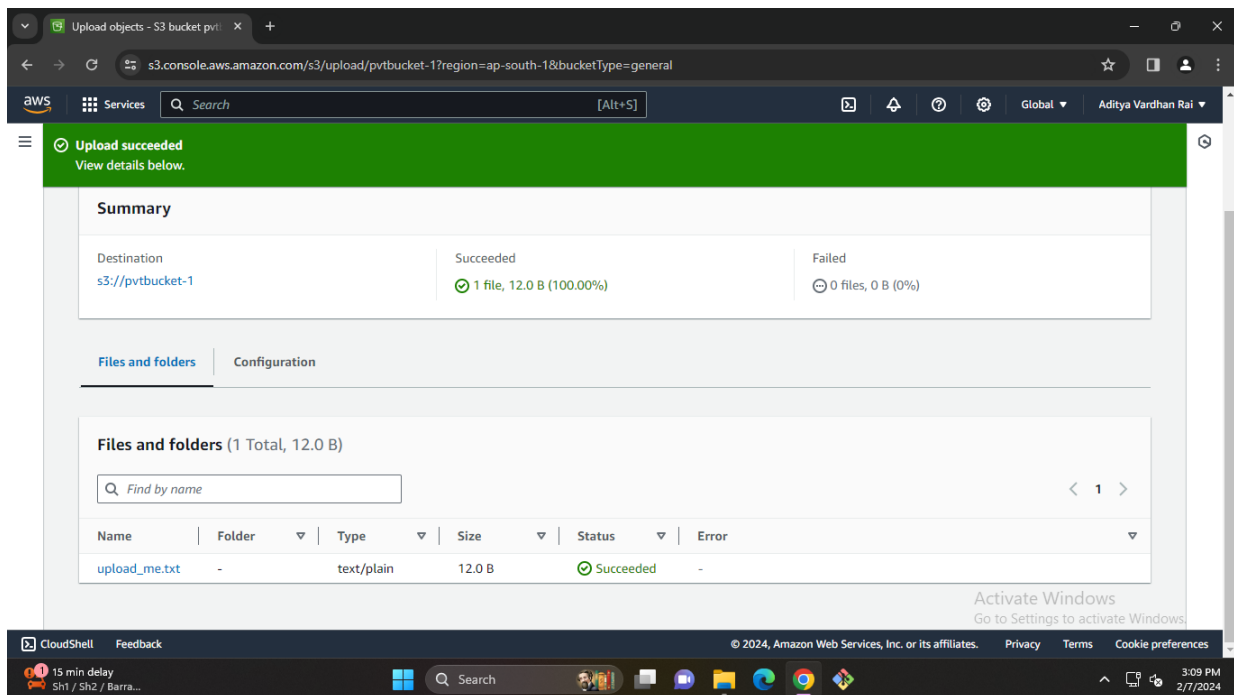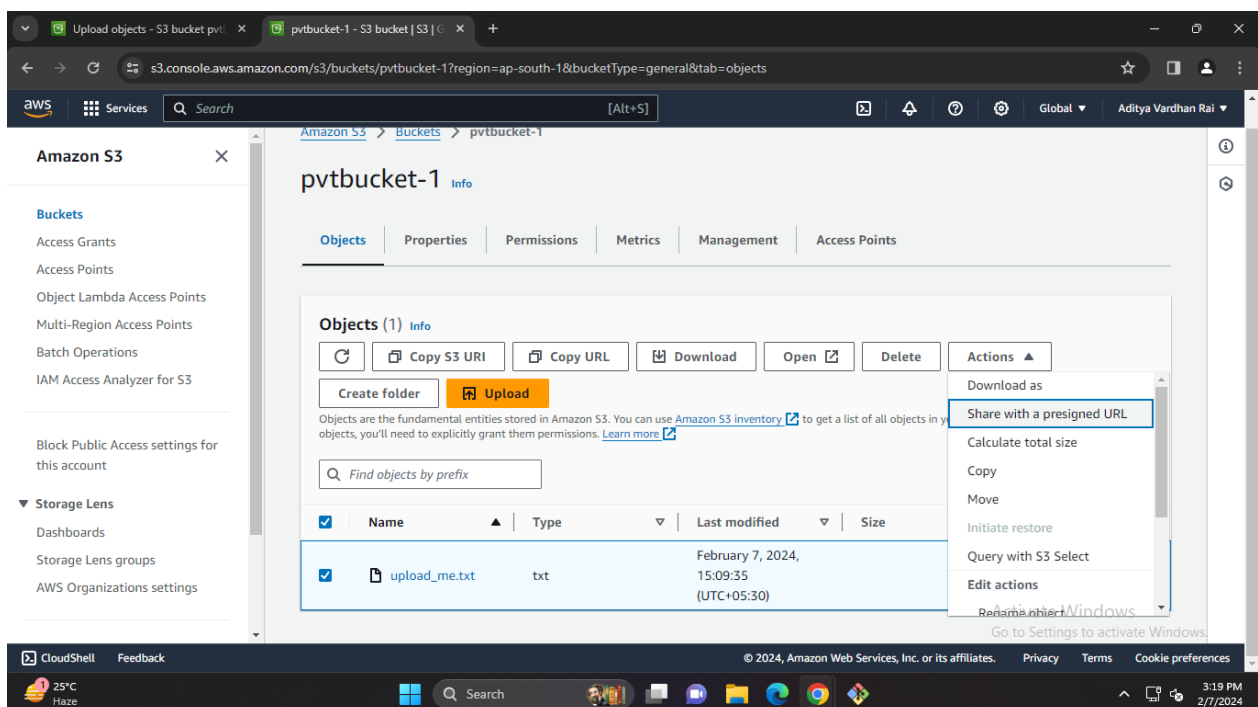

10. Now, click on the file's name (appears in blue), then click on the tag next to object URL to copy it.
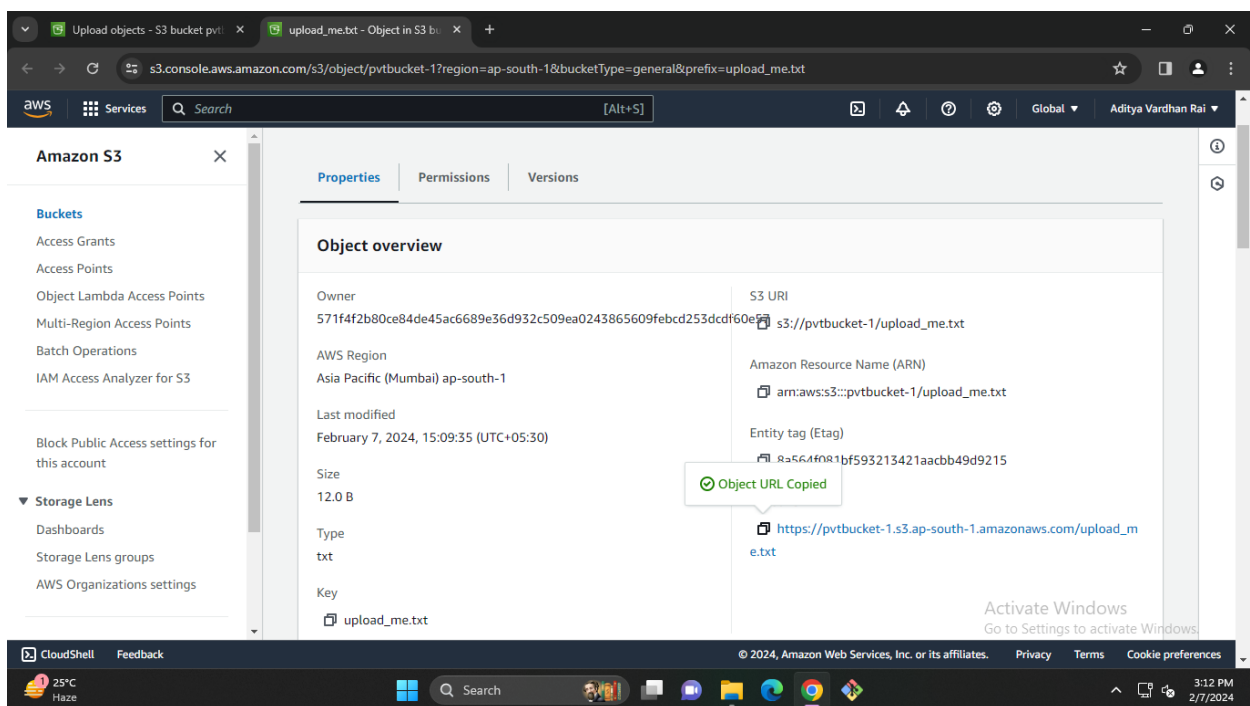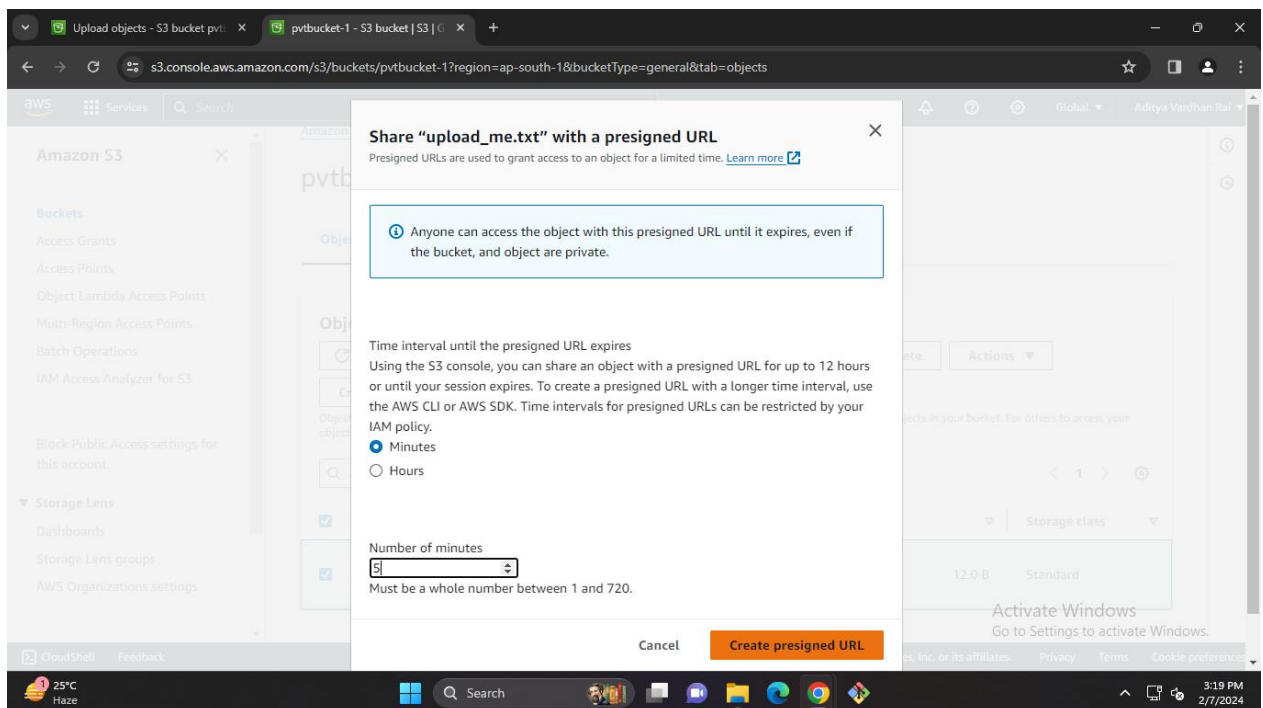
11. Navigate to a new window, paste the URL, and proceed with the search.
An error appears indicating that access to the contents is restricted since this is a private bucket.
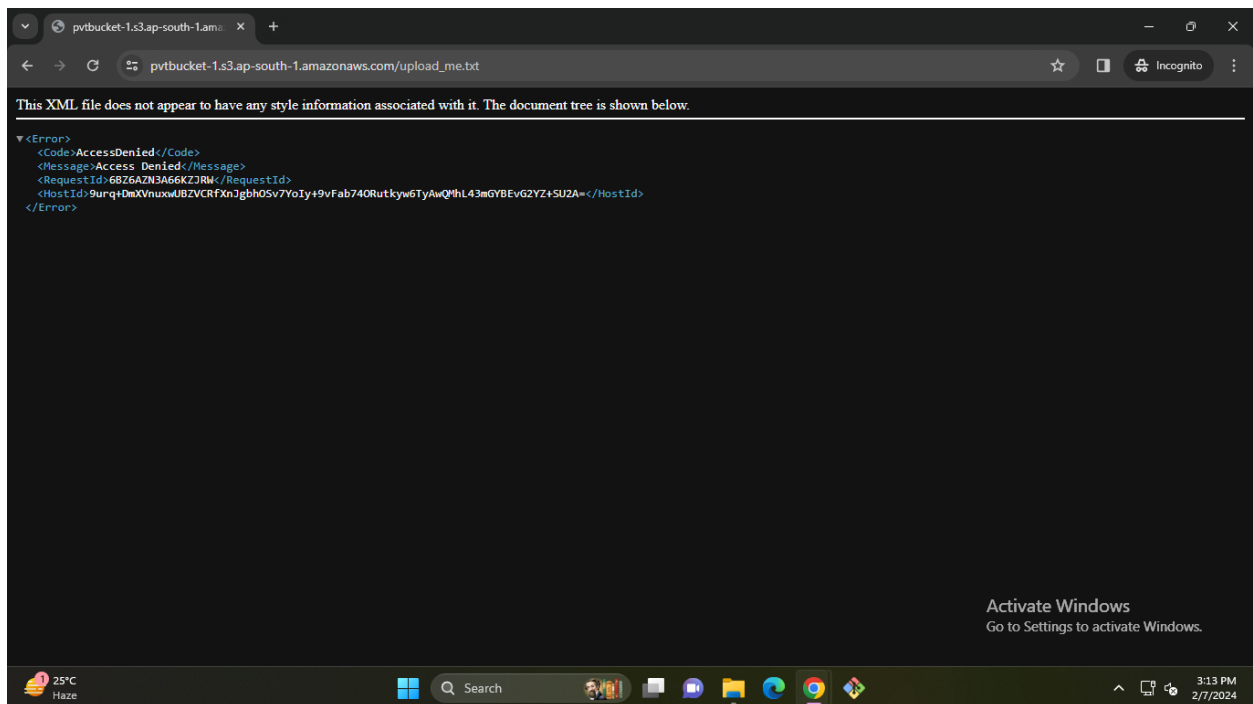
12. Close the current window, then navigate to **'Actions'** and choose **'Share with a presigned URL'**.

13. Select the desired duration until you want the presigned URL to expire.

14. Copy the pre-assigned URL and paste it on a new window. Now, you can view the uploaded file.