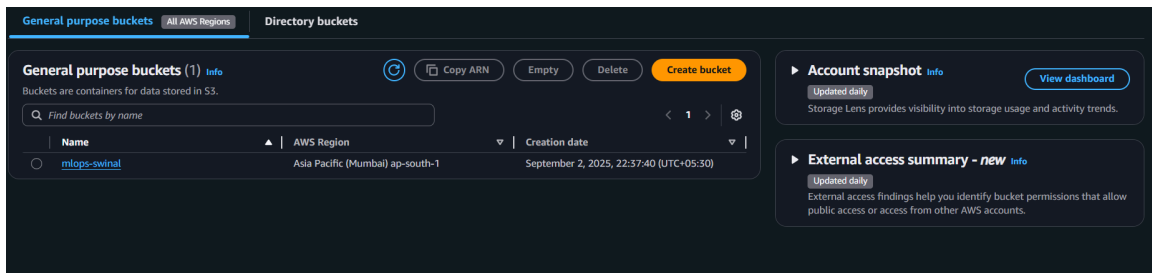# Lab S3 Bucket

|	
■ Date	@September 2, 2025
■ Multi-select	S3
■ Status	Done

- Created a Bucket

- Our bucket's general configuration will be:

    - Region → Asia Pacific (Mumbai) ap-south-1

    - Bucket type → General Purpose .

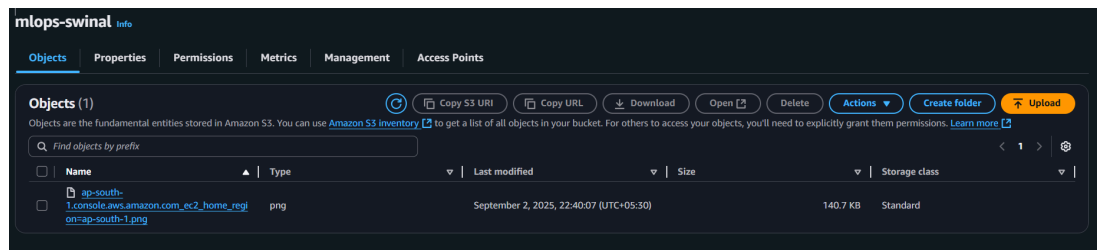   The bucket name must be globally unique; everything else can remain as default.

- So here, our general-purpose bucket named mlops-swinal got created.

- Inside this bucket, we are going to upload some data:

  - First, click on `mlops-swinal` .

  - Then click on `Upload` .

  - Add a file.
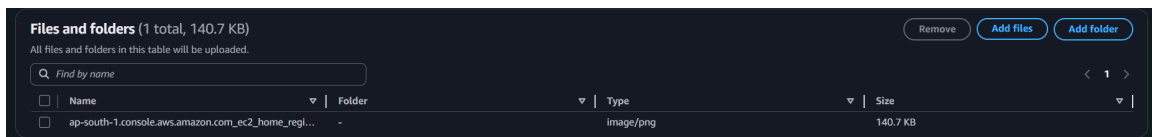
  - Scroll down and click on `Upload` . As we can see, our file got uploaded.

- We can also store data inside folders. Let's create a folder hierarchy inside the S3 bucket.

```
mlops-swinal
|→ our-image
|→ 2025
    |→ 09
        |→ 02
            |→
```

- To create the folder, just click on **Create folder** and give the folder name `2025` .

- Similarly, create the rest of the folder hierarchy.

- Now let's upload a file inside the `02` folder.

- If we want to delete this file, we can select it, click on `Delete`, type **permanently delete**, and then click on `Delete object`.

- As we can see, our file got deleted.

- We can also delete folders. For example, if we want to delete the entire `2025` folder, we just follow the same process: select it and delete.

- Now, if we want to delete the whole S3 bucket, we select it and click on `Delete`. However, it will give us an error: **This bucket is not empty**.

- This is because there is still a `.png` file inside the bucket.
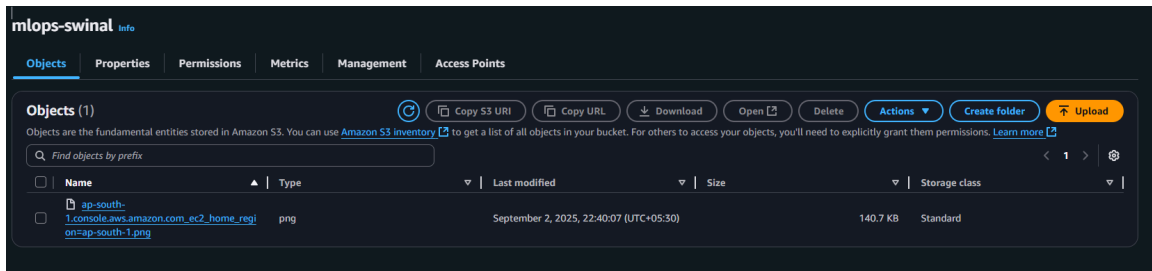
- To delete the S3 bucket, we can either manually delete the file(s) or empty the bucket by clicking on **Empty**.
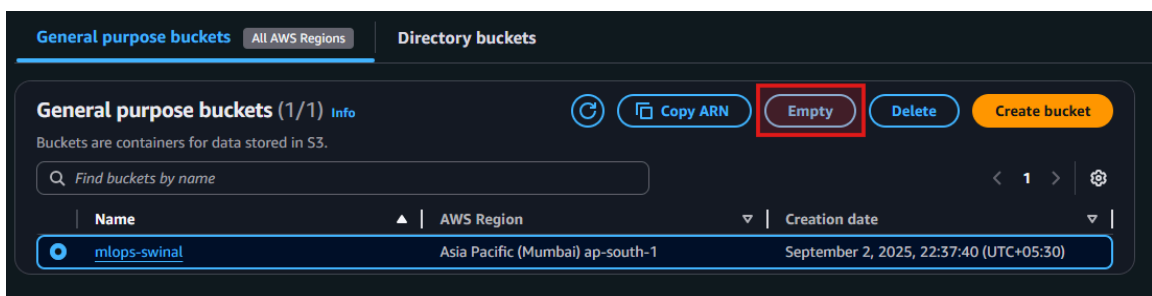
- To empty the bucket, type **permanently delete** and click on `Empty` .

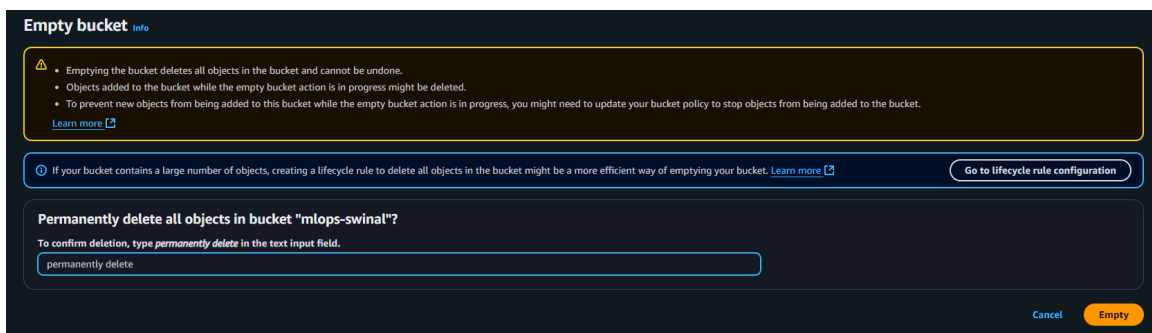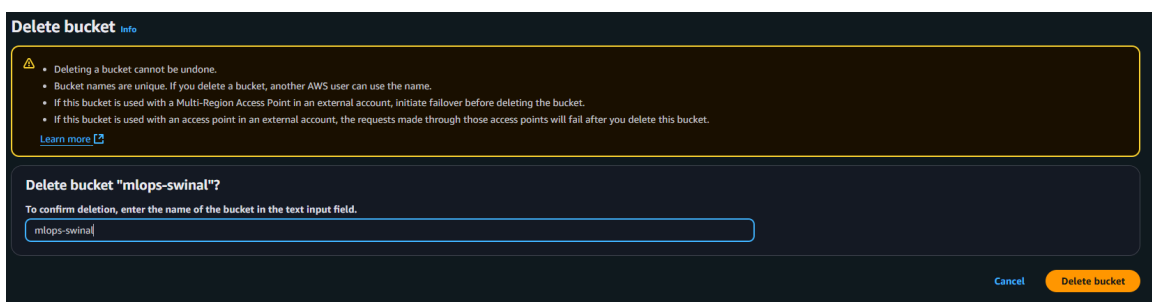- Now we can delete the bucket by typing the bucket name `mlops-swinal` and clicking on **Delete bucket**.

Storage
Amazon S3
Store and retrieve any amount of data
from anywhere

Amazon S3 is an object storage service that offers industry-leading scalability, data availability, security, and
performance.

Create a bucket

Every object in S3 is stored in a bucket.
To upload files and folders to S3, you'll
need to create a bucket where the
objects will be stored.

Create bucket