**LAMBDA FUNCTION**

AWS Lambda is a Serverless compute service that runs code in response to events and automatically manages the underlying compute resources.

**LAMBDA ROLE**

A Lambda function's execution role is an AWS Identity and Access Management (IAM) role that grants the function permission to access AWS services and resources.

**Components of AWS Lambda**

* A function: This is the actual code that performs the task.
* A configuration: This specifies how your function is executed.
* An event source: This is the event that triggers the function. You can trigger with several AWS services or a third-party service.

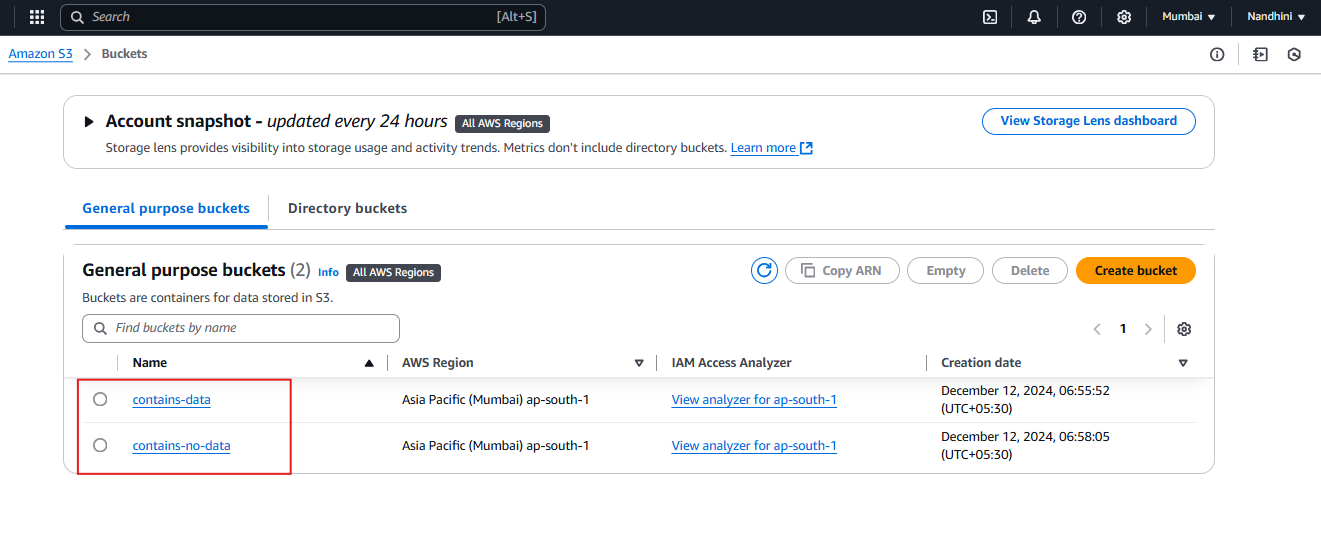
**Benefits of Lambda**

* No servers to manage
* Continuous scaling
* Millisecond metering
* Increases innovation
* Modernize your applications

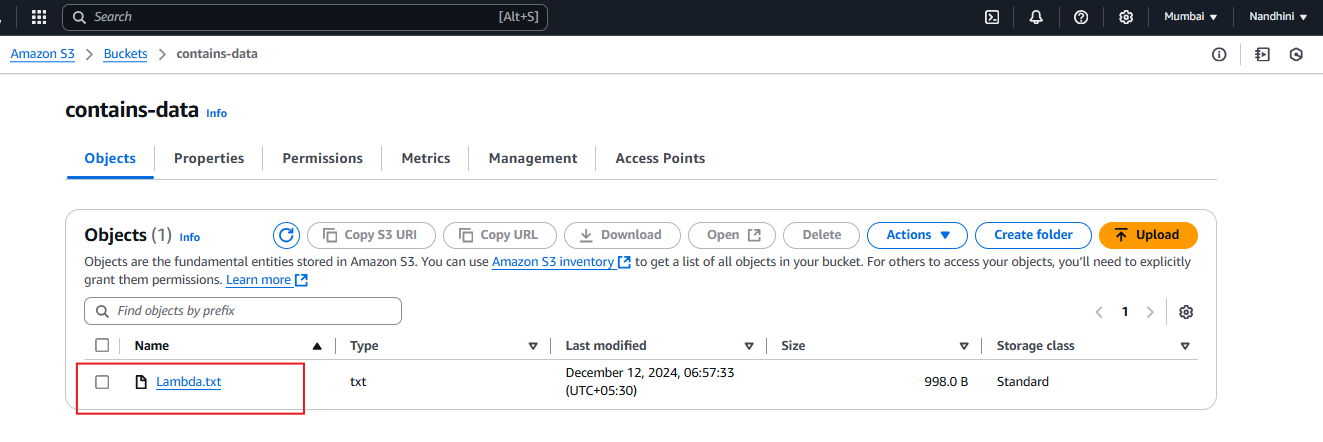
TASK:

[Lambda function to delete an empty S3 bucket using Boto](https://stackoverflow.com/questions/65382894/lambda-function-to-delete-an-s3-bucket-using-boto).

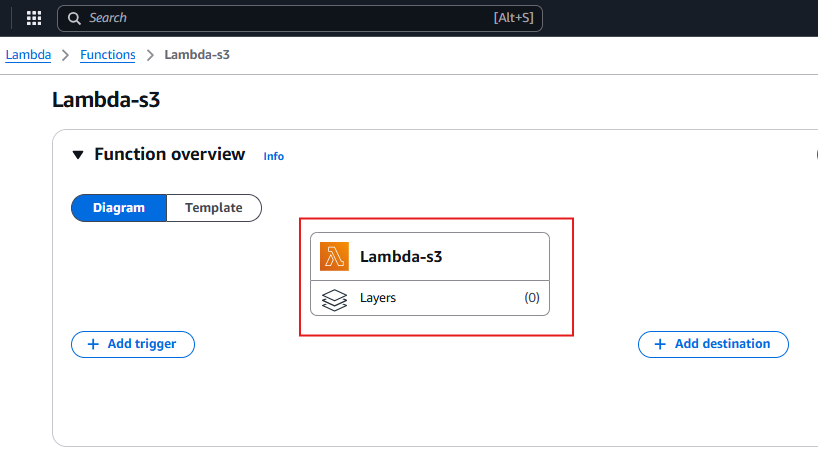
Created two buckets. One with data and another bucket without data.

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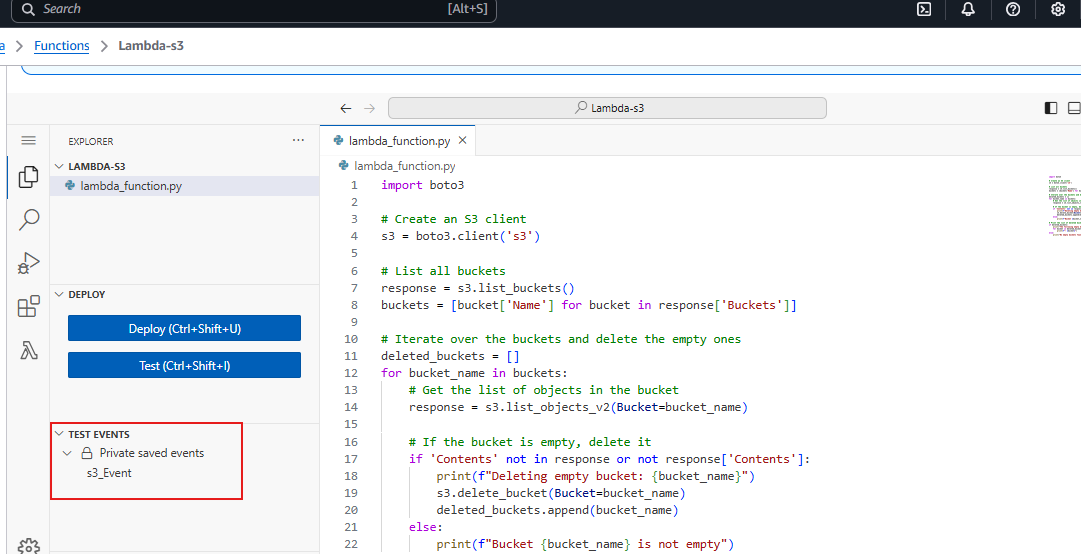
Bucket named “contains\_data” has a file in it.

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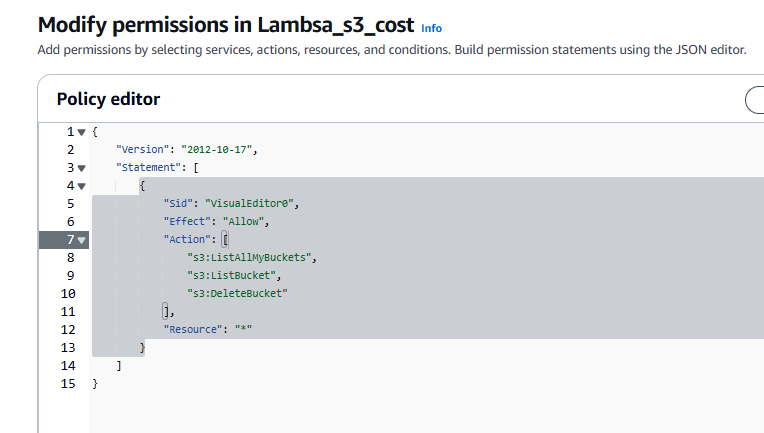
Created Lambda function.

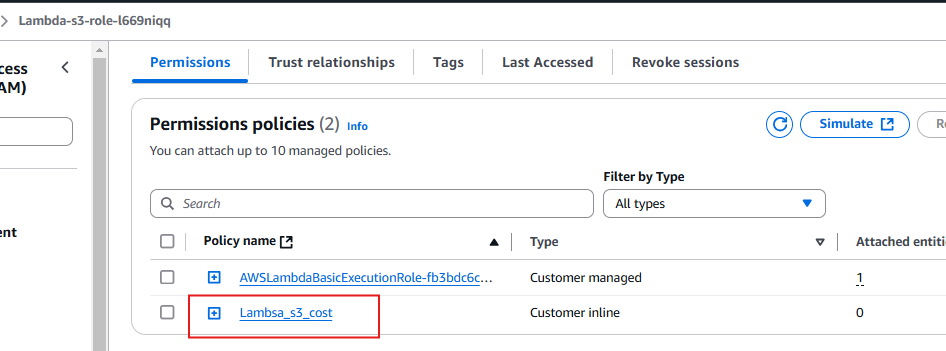
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Created an event (s3\_Event) and deployed a Python code in Lambda.

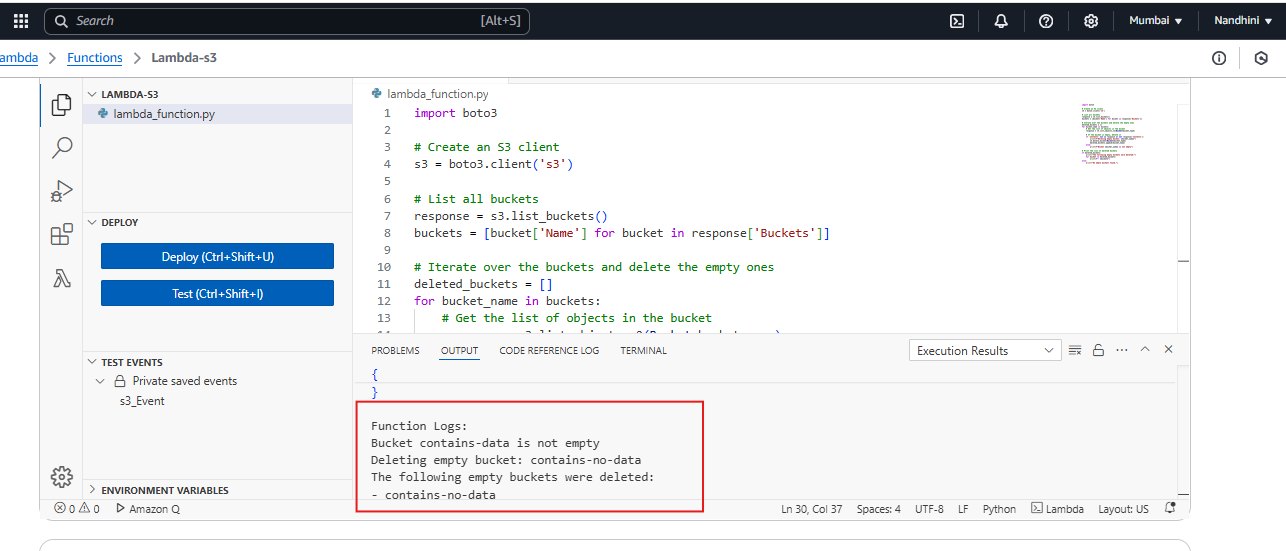
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Added some permissions to access the S3 bucket.

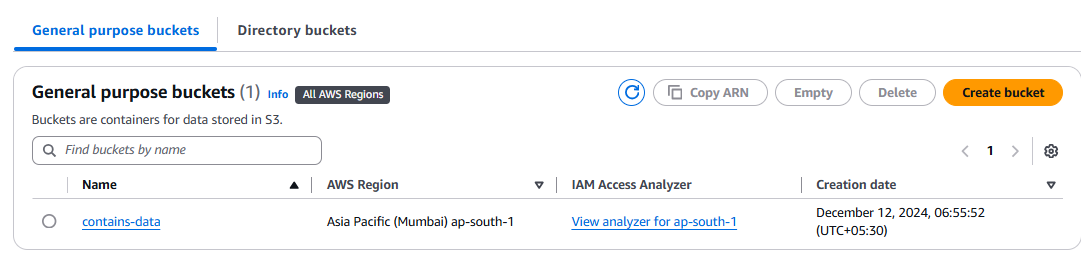
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Empty bucket has been deleted successfully by lambda function:

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Output:

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