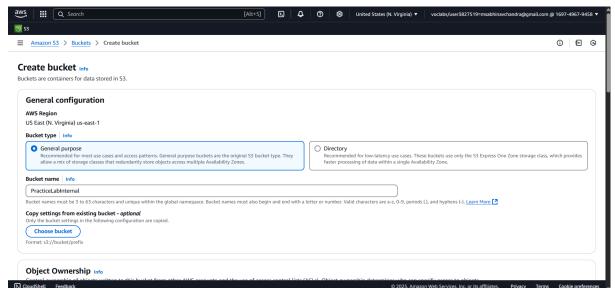
#### Lambda

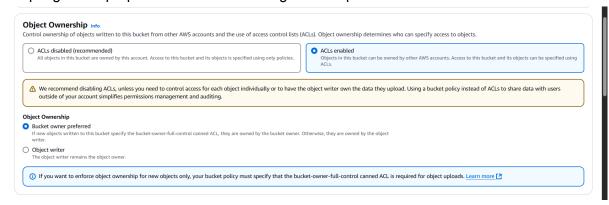
Step 1: We need to open 3 Services parallelly in 3 different tabs •

S3 Bucket •Dynamo DB •

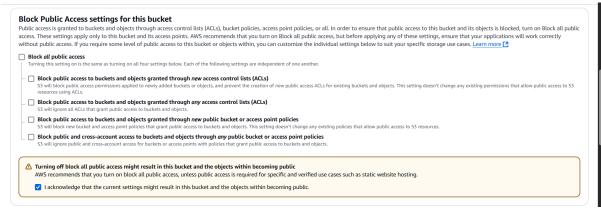
#### Lambda Function



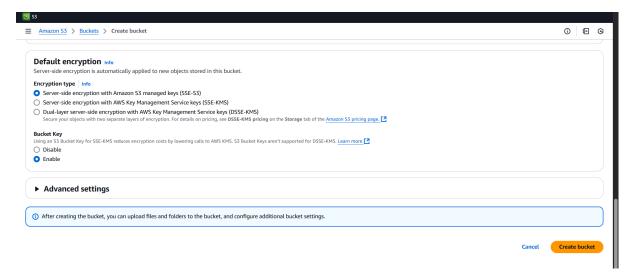
## Keep it general purpose and bucket name give it unique



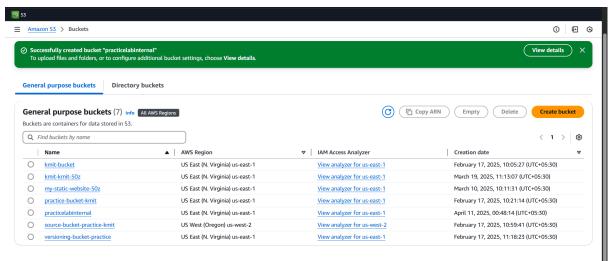
### **Enable ACLs**



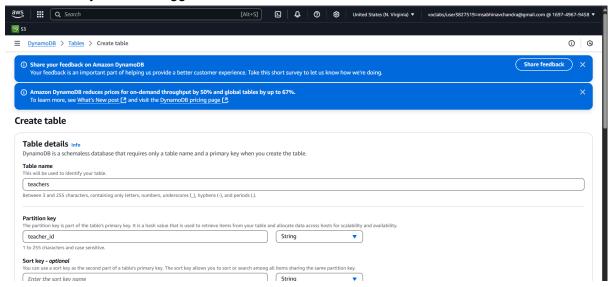
Step 4:Enable ACLs and uncheck the Block public access checkbox and proceed to accept the conditions by checking the "I acknowledge" checkbox.



#### Create the bucket



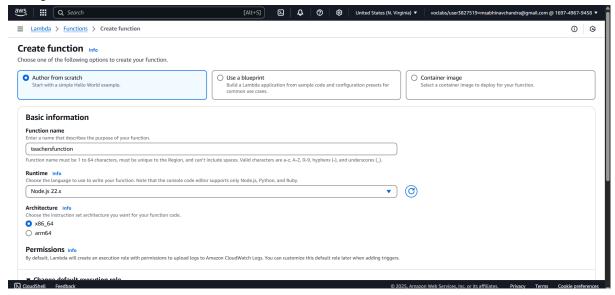
# Bucker created successfully Now create dynamoDB trigger



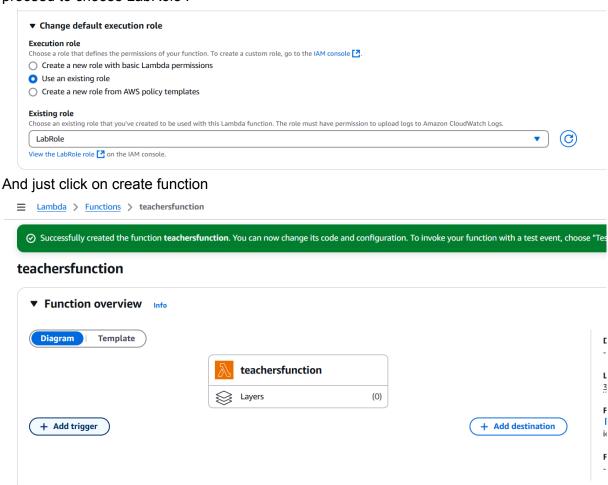
Enter the name of the table and Enter the partition key. Make sure that the table name is same as the name mentioned in the python script and the partition key is same as mentioned in the json file that is to be uploaded into the S3 bucket.

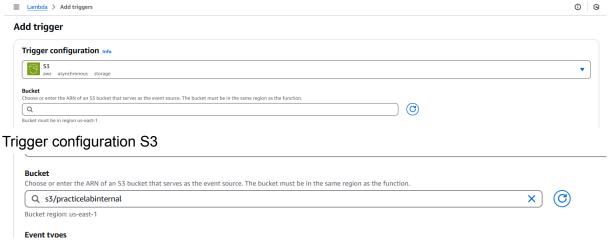
# And just click on create table

Now go to lambda and create the function

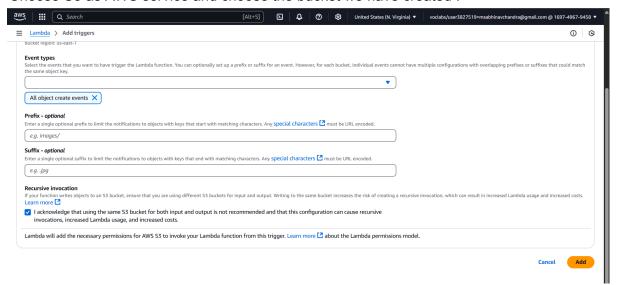


Enter a name and click on Change default execution role , choose Use an existing role and proceed to choose LabRole .

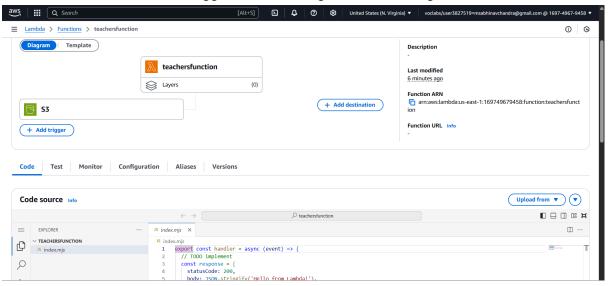




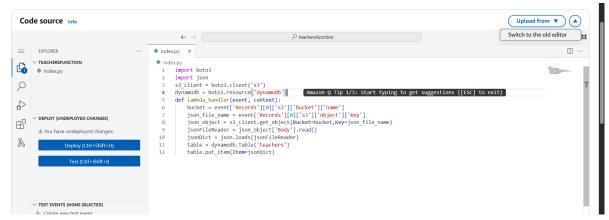
Choose S3 as AWS service and choose the bucket we have created .



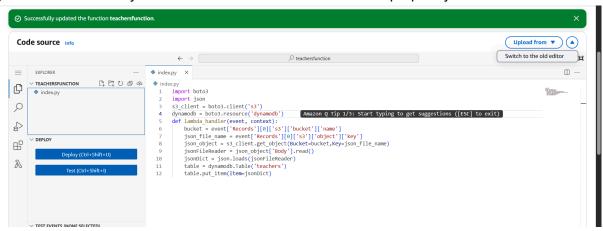
Click on Add to add Source Trigger, after clicking on i acknowledge



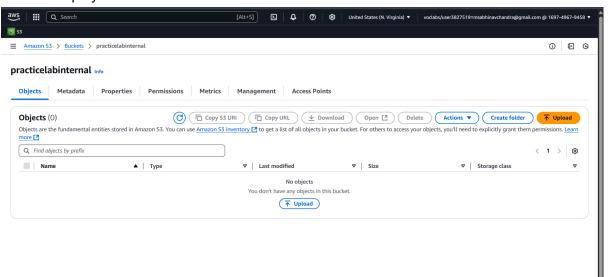
Once Created procced to Code option in the same window and paste to following code



Paste the code as it is, change the dynamo table with the name of your table, and make sure u have the primary key teachers id u created for the table when your uploading this json to your s3 bucker the dynamoDB table and the s3 should be in proper sync



Click on deploy later on.



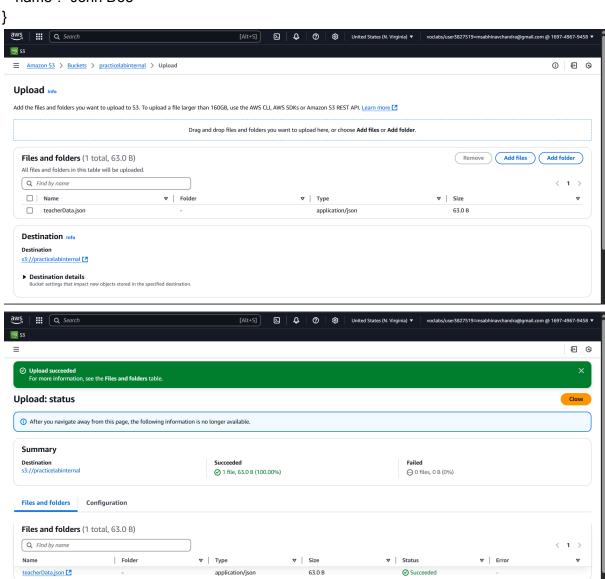
Now Go back to S3 Bucket we have created and upload the Json file into it and Click on Upload.

Create a json data which includes that key primary or partition key which exists in the dynamoDB,

And upload it eg:

{

"teacher\_id": "T12345", "name": "John Doe"



Once we click upload the lambda function is triggered and the result is directed to the Dynamo DB where we have our employees table with emp\_id as the partition key.