**Lambda Function**

* Mainly Lambda Function is used for automation
* Two important parts of lambda function are **trigger** and destination
* Once you upload the source code file into AWS lambda in the form of ZIP file then AWS lambda will automatically run the code without you provision the servers and it will automatically be scaling your functions up or down based on demand.
* Basically, lambda function used for automation purpose like when we take a image from the bucket it should resize and show in the another devices like phone, Tablet, Laptop.
* Runtime means selecting the programming language like python, java,node.js, different versions
* Execution time is defaulting 3 secs and min: 1 sec and maximum =900 secs
* While creating a function we need to select architecture “X\_86\_4”
* We need to create a role IAM user for the separate lambda function.
* Creating Event is the most important part of the trigger
* We need to select event templates like for create, update, delete,read which will be in the JSON Format
* Cloud watches show the logs
* You can configure the amount of memory allocated to a Lambda function, between 128 MB and 10GB
* Most of the things will be general configurations.
* Layers:
* Layers maximum storage is 50 mb Or 250 mb
* 5 Layer maximum chance to create in lambda function
* In the event template we need to make changes to like destination bucket name and object URI
* Lambda handler is the important function of the Code and to test we need to click configure test event
* There are no limitations on number of triggers for a single lambda function. You can connect any number of queues to your lambda function.