Task:-

-------

* Create a lambda function that gets invoked for every new file that arrives in the “dilbert-devl-demo-us-east-1-privat/inbound” S3bucket/folder.
* The lambda function has to perform below:
  + Copy the inbound file to “inbound\_processed” folder under same bucket
  + Count the # of records in the file and generate new control file that contains the count of the records and place that file in the “inbound\_processed” folder
    - Ex:- inbound file “abc.csv” has 10 records
    - “abc.ctl” file will be created with value 10
    - Both these files will be copied to “inbound\_processed” folder

Steps:-

----------

* Create a new role for “LAMBDA” service with “AWS LAMBDA EXECUTE” policy that grants S3 PUT, GET access and full access for “CLOUDWATCH” logs.
* Create a lambda function and assign the “role” created prior and add “s3” as trigger with appropriate prefix/suffix to limit the lambda invocation.
* Add the python code appropriate to achieve the desired result for each invocation.
* Save the function and invocation results can be monitored in the cloudwatch logs.







