**AWS Lambda code for sending Product Updates**

**Code:**

import pymysql

import sys

import json

import boto3

from botocore.exceptions import ClientError

ses=boto3.client('ses')

SENDER="ranasaket19110@gmail.com"

conn = pymysql.connect(

user="root",

password="saketrana",

host="database-2.ciqfjj2rs3ed.us-east-1.rds.amazonaws.com",

port=3306,

database="customerrecords"

)

def send\_emails(name, email):

try:

res = ses.send\_templated\_email(

Source=SENDER,

Destination={

'ToAddresses': [str(email)],

},

Template='Keepsl\_product\_Template',

TemplateData="{\"user\":\""+str(name)+"\"}"

)

except ClientError as e:

print(e.response['Error']['Message'])

else:

print("Email sent! Message ID:",res['MessageId']),

return

def lambda\_handler(event,context):

try:

cur = conn.cursor()

cur.execute('select \* from customer')

datas=list(cur.fetchall())

# Get Cursor

for curs in datas:

send\_emails(curs[1],curs[2])

except pymysql.Error as e:

print(f"Error connecting to Data Platform: {e}")

sys.exit(1)

**AWS Lambda Code for Registration Successful:**

**Code:**

import pymysql

import sys

import json

import boto3

from botocore.exceptions import ClientError

ses=boto3.client('ses')

SENDER="ranasaket19110@gmail.com"

conn = pymysql.connect(

user="root",

password="saketrana",

host="database-2.ciqfjj2rs3ed.us-east-1.rds.amazonaws.com",

port=3306,

database="customerrecords"

)

def send\_emails(name, email):

try:

res = ses.send\_templated\_email(

Source=SENDER,

Destination={

'ToAddresses': [str(email)],

},

Template='Keepsl\_welcome\_Template',

TemplateData="{\"user\":\""+str(name)+"\"}"

)

except ClientError as e:

print(e.response['Error']['Message'])

else:

print("Email sent! Message ID:",res['MessageId']),

return

def lambda\_handler(event, context):

try:

cur = conn.cursor()

cur.execute('select \* from customer')

datas=list(cur.fetchall())

for curs in datas:

send\_emails(curs[1],curs[2])

except ClientError as e:

print(f"Error connecting to Database Platform: {e}")

sys.exit(1)

**AWS Code for Payment Reminder**

**Code:**

import json

import pymysql

import sys

import json

import boto3

from botocore.exceptions import ClientError

ses=boto3.client('ses')

SENDER="ranasaket19110@gmail.com"

conn = pymysql.connect(

user="root",

password="saketrana",

host="database-2.ciqfjj2rs3ed.us-east-1.rds.amazonaws.com",

port=3306,

database="customerrecords"

)

def send\_emails(name, email,date):

try:

res = ses.send\_templated\_email(

Source=SENDER,

Destination={

'ToAddresses': [str(email)],

},

Template='Keepsl\_payment\_reminder\_Template',

TemplateData="{\"user\":\""+str(name)+"\", \"date\": \""+str(date)+"\" }"

)

except ClientError as e:

print(e.response['Error']['Message'])

else:

print("Email sent! Message ID:",res['MessageId']),

return

def lambda\_handler(event, context):

try:

cur = conn.cursor()

cur.execute('select \* from customer\_payment')

datas=list(cur.fetchall())

# Get Cursor

for curs in datas:

send\_emails(curs[1],curs[2],curs[3])

#print(curs[1],curs[2],curs[3])

except ClientError as e:

print(f"Error connecting to Database Platform: {e}")

sys.exit(1)