Cloud Computing Lab – 2

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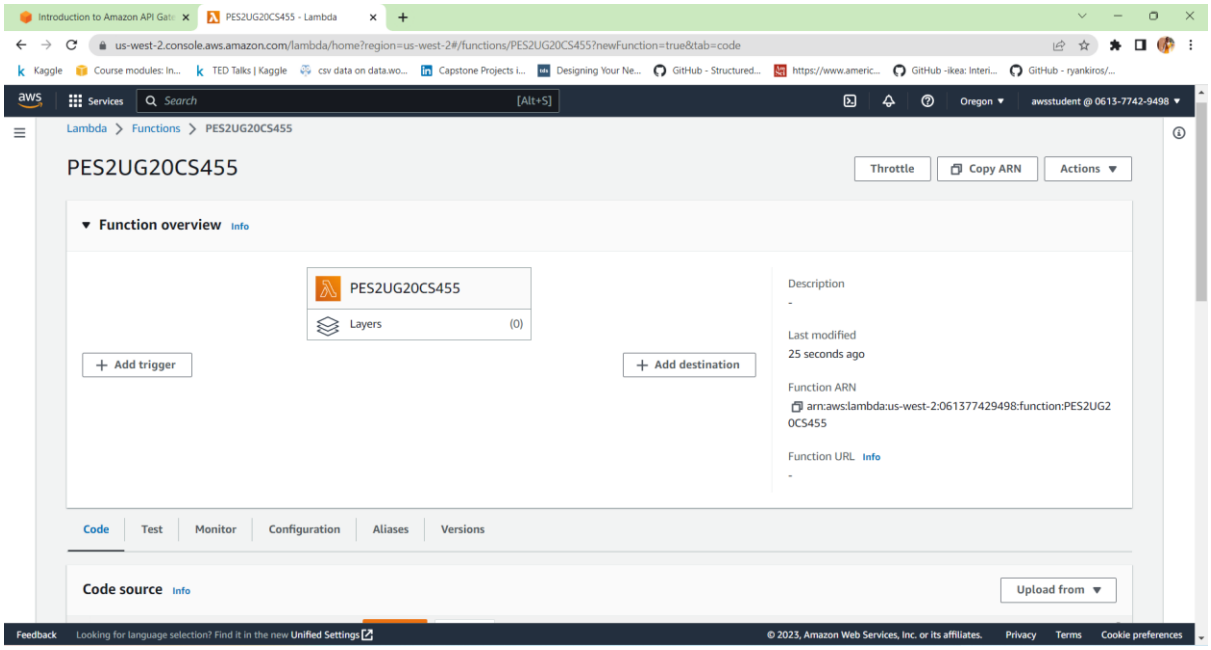
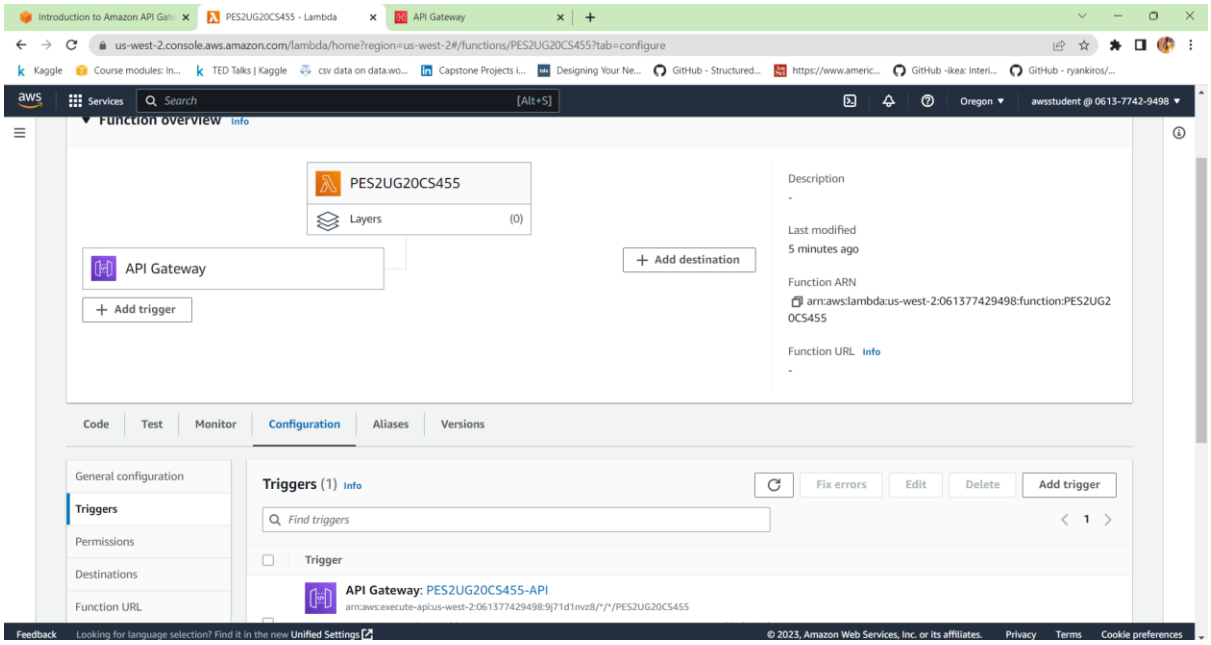
Screenshots:

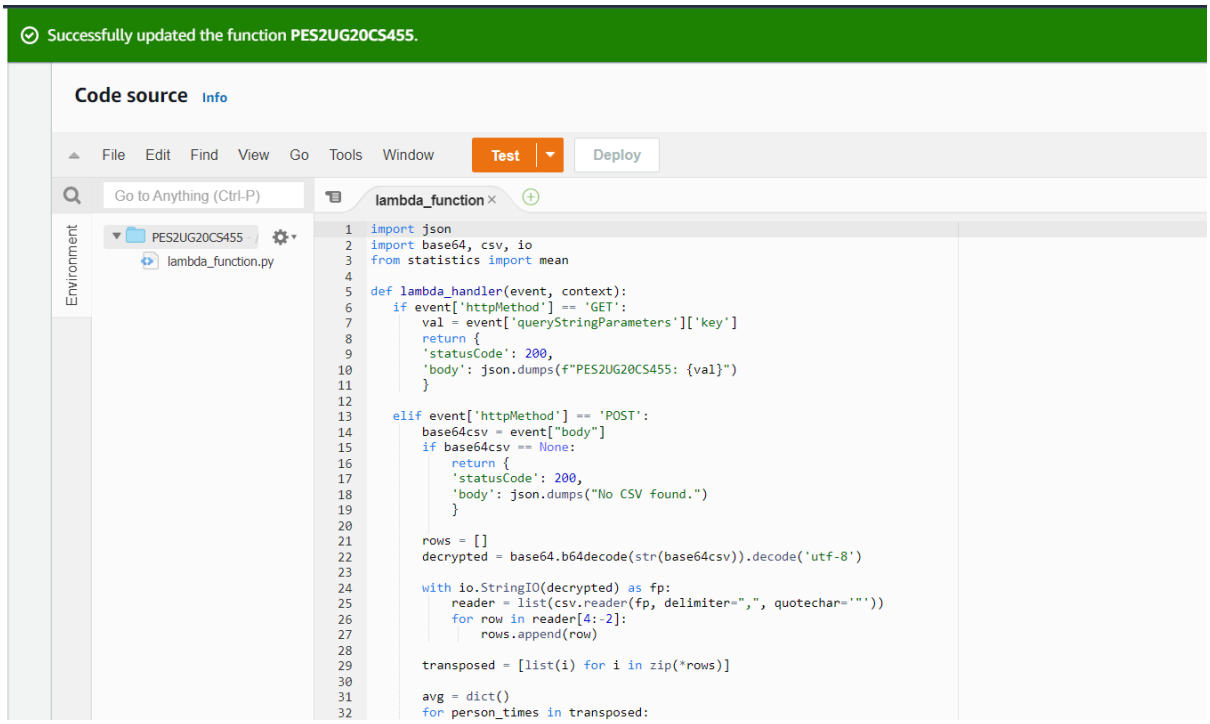
1a:



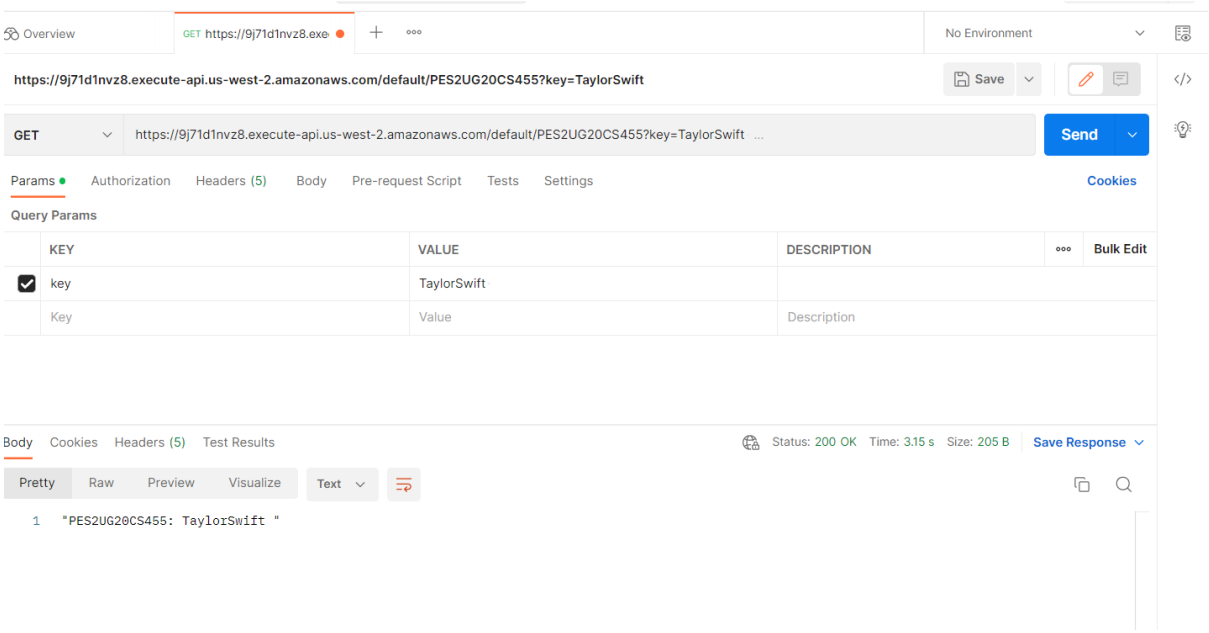
1b:


PES2UG20CS455 - Lambda
API Gateway
us-west-2.console.aws.amazon.com/lambda/home?region=us-west-2#/functions/PES2UG20CS455?tab=configure
Function overview Info
PES2UG20CS455
Layers (0)
API Gateway
Add trigger
Add destination
Description
-
Last modified
5 minutes ago
Function ARN
arn:aws:lambda:us-west-2:061377429498:function:PES2UG20CS455
Function URL Info
-
Code
Test
Monitor
Configuration
Aliases
Versions
General configuration
Triggers
Permissions
Destinations
Function URL
Triggers (1) Info
Fix errors
Edit
Delete
Add trigger
Find triggers
Trigger
API Gateway: PES2UG20CS455-API
arn:aws:execute-api:us-west-2:061377429498:9j71d1nvz8/*/*/PES2UG20CS455
Feedback
Looking for language selection? Find it in the new Unified Settings
© 2023, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
Cookie preferences

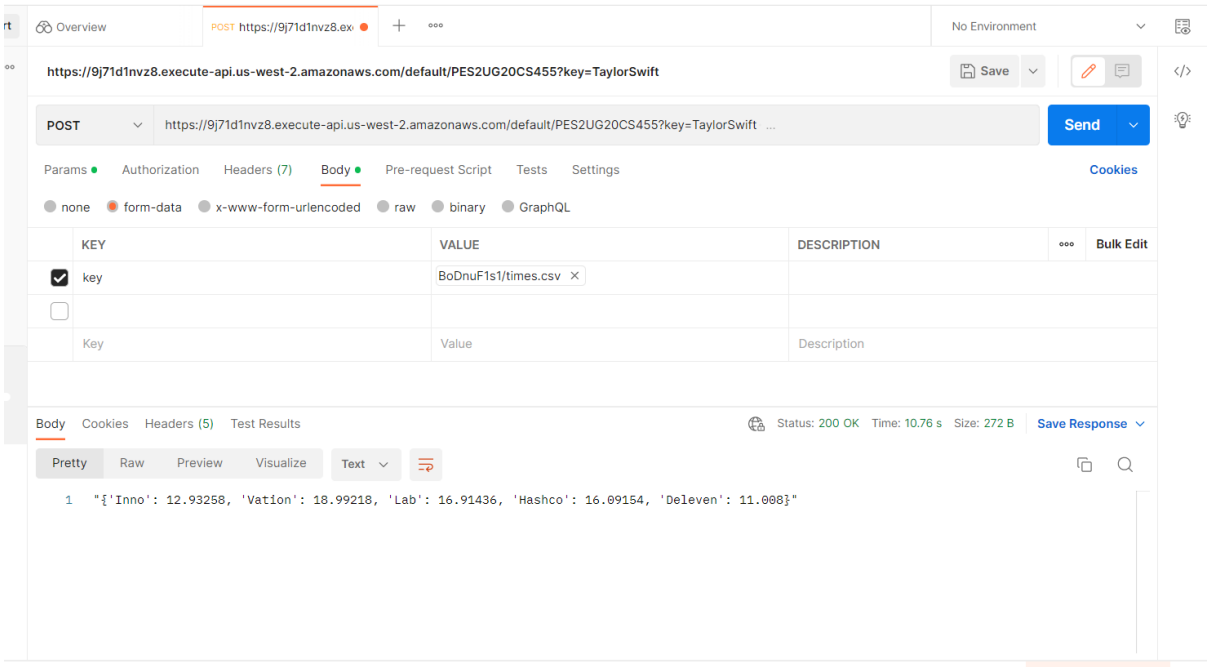
1c:


Successfully updated the function PES2UG20CS455.
Code source Info
File
Edit
Find
View
Go
Tools
Window
Test
Deploy
Go to Anything (Ctrl-P)
lambda_function
Environment
PES2UG20CS455
lambda_function.py
import json
import base64, csv, io
from statistics import mean
def lambda_handler(event, context):
if event['httpMethod'] == 'GET':
val = event['queryStringParameters']['key']
return {
'statusCode': 200,
'body': json.dumps(f"PES2UG20CS455: {val}")
}
elif event['httpMethod'] == 'POST':
base64csv = event["body"]
if base64csv == None:
return {
'statusCode': 200,
'body': json.dumps("No CSV found.")
}
rows = []
decrypted = base64.b64decode(str(base64csv)).decode('utf-8')
with io.StringIO(decrypted) as fp:
reader = list(csv.reader(fp, delimiter=",", quotechar='"'))
for row in reader[4:-2]:
rows.append(row)
transposed = [list(i) for i in zip(*rows)]
avg = dict()
for person_times in transposed:

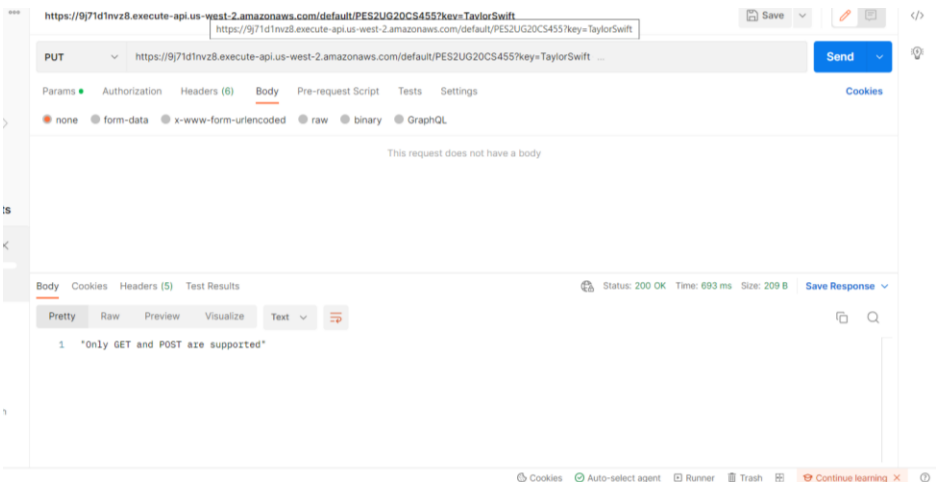
1d:


Overview
GET https://9j71d1nvz8.exe
No Environment
https://9j71d1nvz8.execute-api.us-west-2.amazonaws.com/default/PES2UG20CS455?key=TaylorSwift
Save
GET
https://9j71d1nvz8.execute-api.us-west-2.amazonaws.com/default/PES2UG20CS455?key=TaylorSwift
Send
Params
Authorization
Headers (5)
Body
Pre-request Script
Tests
Settings
Cookies
Query Params
KEY
VALUE
DESCRIPTION
Bulk Edit
key
TaylorSwift
Key
Value
Description
Body
Cookies
Headers (5)
Test Results
Status: 200 OK
Time: 3.15 s
Size: 205 B
Save Response
Pretty
Raw
Preview
Visualize
Text
1 "PES2UG20CS455: TaylorSwift "

1e:


Overview
POST https://9j71d1nvz8.ex
No Environment
https://9j71d1nvz8.execute-api.us-west-2.amazonaws.com/default/PES2UG20CS455?key=TaylorSwift
Save
POST
https://9j71d1nvz8.execute-api.us-west-2.amazonaws.com/default/PES2UG20CS455?key=TaylorSwift
Send
Params
Authorization
Headers (7)
Body
Pre-request Script
Tests
Settings
Cookies
none
form-data
x-www-form-urlencoded
raw
binary
GraphQL
KEY
VALUE
DESCRIPTION
Bulk Edit
key
BoDnuF1s1/times.csv
Key
Value
Description
Body
Cookies
Headers (5)
Test Results
Status: 200 OK
Time: 10.76 s
Size: 272 B
Save Response
Pretty
Raw
Preview
Visualize
Text
1 "{'Inno': 12.93258, 'Vation': 18.99218, 'Lab': 16.91436, 'Hashco': 16.09154, 'Deleven': 11.008}"

1f:


https://9j71d1nvz8.execute-api.us-west-2.amazonaws.com/default/PES2UG20CS455?key=TaylorSwift
Save
PUT
https://9j71d1nvz8.execute-api.us-west-2.amazonaws.com/default/PES2UG20CS455?key=TaylorSwift
Send
Params
Authorization
Headers (6)
Body
Pre-request Script
Tests
Settings
Cookies
none
form-data
x-www-form-urlencoded
raw
binary
GraphQL
This request does not have a body
Body
Cookies
Headers (5)
Test Results
Status: 200 OK
Time: 693 ms
Size: 209 B
Save Response
Pretty
Raw
Preview
Visualize
Text
1 "Only GET and POST are supported"
Cookies
Auto-select agent
Runner
Trash
Continue learning