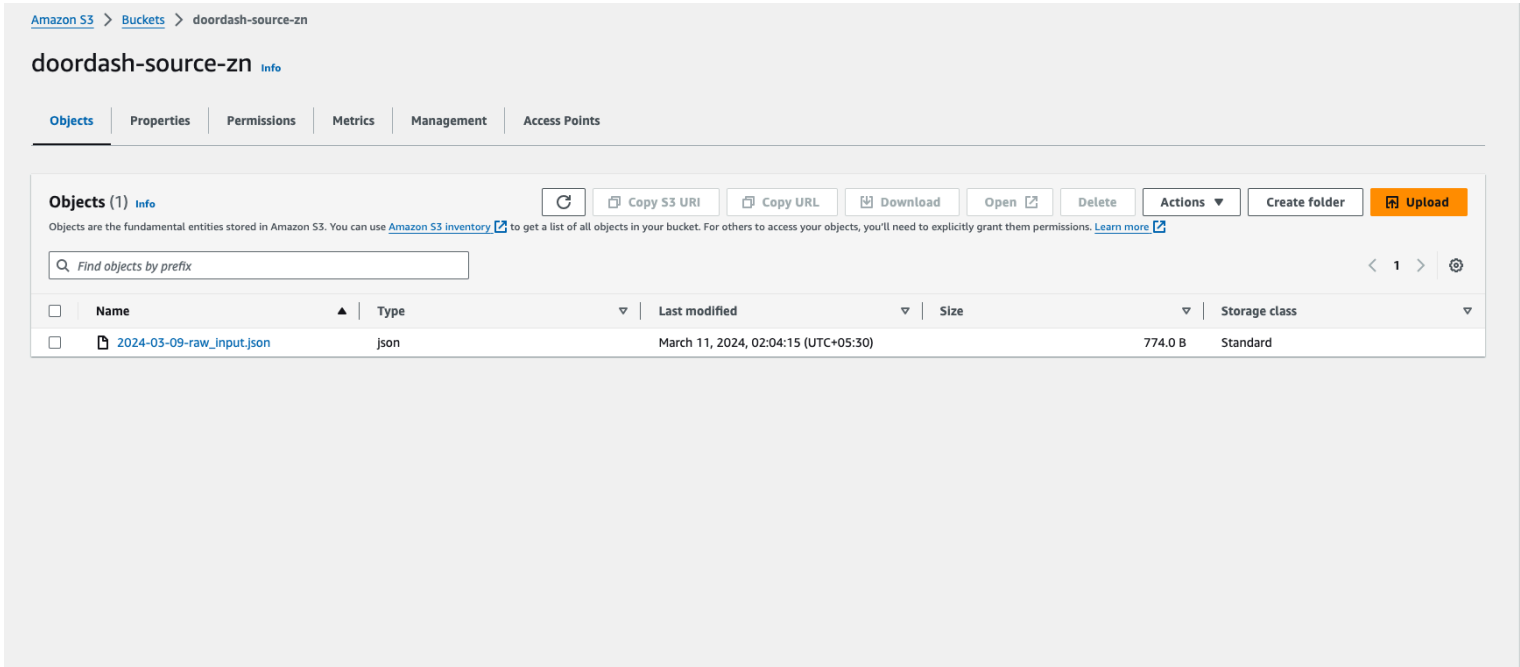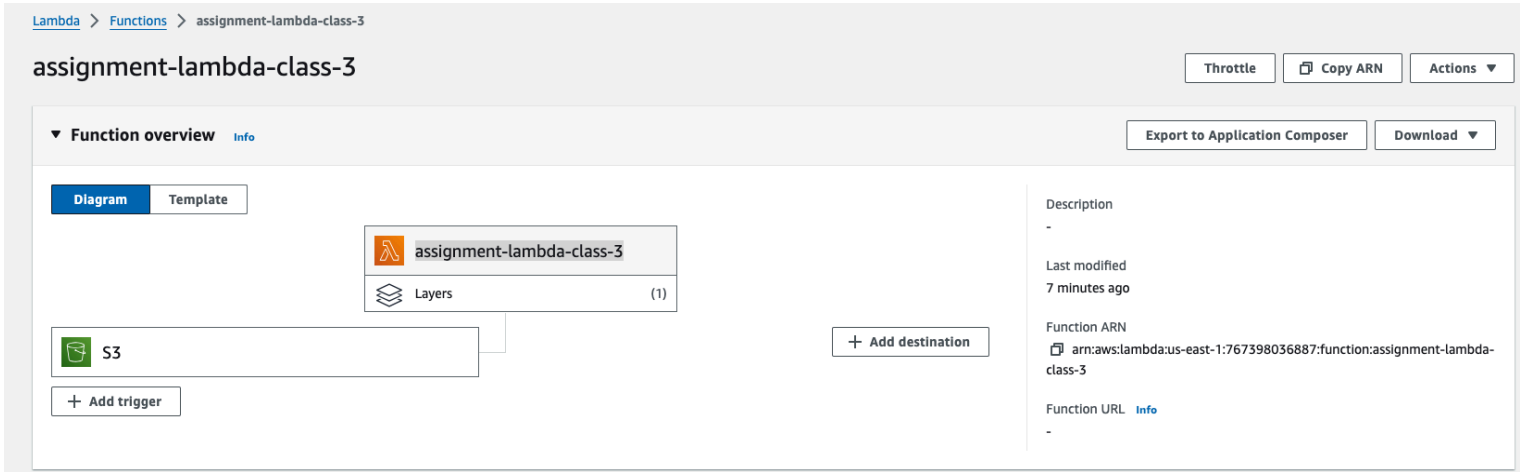DOCUMENTATION:

Uploaded file: S3 bucket name: doordash-source-zn

This triggered the lambda: Name of lambda function: **assignment-lambda-class-3**
This is to showcase the trigger is set.

Code file is added to the zip folder along with this documentation.

Below are the cloudwatch logs:

▶	2024-03-11T02:04:16.325+05:30	INIT_START Runtime Version: python:3.9.v46 Runtime Version ARN: arn:aws:lambda:us-east-1::runtime:58f78ac89504821e52aa8fcb7a0dee3788f8487c225e5c5e08dd354d5e988c7b
▶	2024-03-11T02:04:19.047+05:30	START RequestId: aa70ef34-357c-4733-8fbd-1fe95216d6b4 Version: $LATEST
▶	2024-03-11T02:04:19.048+05:30	Bucket name: doordash-source-zn
▶	2024-03-11T02:04:19.048+05:30	Object key: 2024-03-09-raw_input.json
▶	2024-03-11T02:04:20.280+05:30	JSON Data:
▶	2024-03-11T02:04:20.280+05:30	[
▶	2024-03-11T02:04:20.280+05:30	{"id": 1, "status": "delivered", "amount": 20.5, "date": "2024-03-09"},
▶	2024-03-11T02:04:20.280+05:30	{"id": 2, "status": "cancelled", "amount": 15.0, "date": "2024-03-09"},
▶	2024-03-11T02:04:20.280+05:30	{"id": 3, "status": "order placed", "amount": 22.5, "date": "2024-03-09"},
▶	2024-03-11T02:04:20.280+05:30	{"id": 4, "status": "delivered", "amount": 19.5, "date": "2024-03-09"},
▶	2024-03-11T02:04:20.280+05:30	{"id": 5, "status": "cancelled", "amount": 18.0, "date": "2024-03-09"},
▶	2024-03-11T02:04:20.280+05:30	{"id": 6, "status": "delivered", "amount": 23.5, "date": "2024-03-09"},
▶	2024-03-11T02:04:20.280+05:30	{"id": 7, "status": "order placed", "amount": 20.0, "date": "2024-03-09"},
▶	2024-03-11T02:04:20.280+05:30	{"id": 8, "status": "delivered", "amount": 25.5, "date": "2024-03-09"},
▶	2024-03-11T02:04:20.280+05:30	{"id": 9, "status": "delivered", "amount": 21.5, "date": "2024-03-09"},
▶	2024-03-11T02:04:20.280+05:30	{"id": 10, "status": "cancelled", "amount": 17.5, "date": "2024-03-09"}
▶	2024-03-11T02:04:20.280+05:30	]
▶	2024-03-11T02:04:20.981+05:30	Delivered orders are:
▶	2024-03-11T02:04:21.520+05:30	id status amount date
▶	2024-03-11T02:04:21.520+05:30	0 1 delivered 20.5 2024-03-09
▶	2024-03-11T02:04:21.520+05:30	3 4 delivered 19.5 2024-03-09
▶	2024-03-11T02:04:21.520+05:30	5 6 delivered 23.5 2024-03-09
▶	2024-03-11T02:04:21.520+05:30	7 8 delivered 25.5 2024-03-09
▶	2024-03-11T02:04:21.520+05:30	8 9 delivered 21.5 2024-03-09
▶	2024-03-11T02:04:22.041+05:30	END RequestId: aa70ef34-357c-4733-8fbd-1fe95216d6b4

Below is the email received for the successful operation via SNS:

SUCCESS - Daily DoorDash Data Processing Inbox ×

AWS Notifications <no-reply@sns.amazonaws.com>
to me

2:04 AM (8 minutes ago)

Input S3 File s3://doordash-source-zn/2024-03-09-raw_input.json has been processed successfully !! and uploaded to the destination bucket s3://doordash-destination-zn/2024-03-09-delivered_orders.json

--
If you wish to stop receiving notifications from this topic, please click or visit the link below to unsubscribe:
https://sns.us-east-1.amazonaws.com/unsubscribe.html?SubscriptionArn=arn:aws:sns:us-east-1:767398036887:lambda-sns-email:630d958d-ed3d-46d6-b397-a2187ba14dbc&Endpoint=himanshubhatt06@gmail.com

Please do not reply directly to this email. If you have any questions or comments regarding this email, please contact us at https://aws.amazon.com/support

Reply   Forward

Below are the codeBuild logs:

Developer Tools
CodeBuild

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- ▶ Pipeline • CodePipeline
- ▶ Settings

Q Go to resource
⊟ Feedback

Showing the last 110 lines of the build log. View entire log

Tail logs

∧ Show previous logs

```
 1 [Container] 2024/03/10 20:32:16.324287 Waiting for agent ping
 2 [Container] 2024/03/10 20:32:16.527342 Waiting for DOWNLOAD_SOURCE
 3 [Container] 2024/03/10 20:32:18.490316 Phase is DOWNLOAD_SOURCE
 4 [Container] 2024/03/10 20:32:18.491627 CODEBUILD_SRC_DIR=/codebuild/output/src2722716521/src/github.com/desininja/GitHub-aws-CICD-pipeline
 5 [Container] 2024/03/10 20:32:18.492154 YAML location is /codebuild/output/src2722716521/src/github.com/desininja/GitHub-aws-CICD-pipeline/buildspec.yml
 6 [Container] 2024/03/10 20:32:18.493734 Setting HTTP client timeout to higher timeout for Github and GitHub Enterprise sources
 7 [Container] 2024/03/10 20:32:18.493880 Processing environment variables
 8 [Container] 2024/03/10 20:32:18.748580 Selecting 'python' runtime version '3.9' based on manual selections...
 9 [Container] 2024/03/10 20:32:18.750374 Running command echo "Installing Python version 3.9 ..."
10 Installing Python version 3.9 ...
11
12 [Container] 2024/03/10 20:32:18.820280 Running command pyenv global  $PYTHON_39_VERSION
13
14 [Container] 2024/03/10 20:32:19.390525 Moving to directory /codebuild/output/src2722716521/src/github.com/desininja/GitHub-aws-CICD-pipeline
15 [Container] 2024/03/10 20:32:19.393321 Unable to initialize cache download: no paths specified to be cached
16 [Container] 2024/03/10 20:32:19.515249 Configuring ssm agent with target id: codebuild:24800507-8c73-43b6-bfcc-0c2f7cf107e0
17 [Container] 2024/03/10 20:32:19.551587 Successfully updated ssm agent configuration
18 [Container] 2024/03/10 20:32:19.552014 Registering with agent
19 [Container] 2024/03/10 20:32:19.552032 Phases found in YAML: 3
20 [Container] 2024/03/10 20:32:19.552039  INSTALL: 1 commands
21 [Container] 2024/03/10 20:32:19.552043  BUILD: 2 commands
22 [Container] 2024/03/10 20:32:19.552047  POST_BUILD: 5 commands
23 [Container] 2024/03/10 20:32:19.552292 Phase complete: DOWNLOAD_SOURCE State: SUCCEEDED
24 [Container] 2024/03/10 20:32:19.552303 Phase context status code:  Message:
25 [Container] 2024/03/10 20:32:19.620422 Entering phase INSTALL
26 [Container] 2024/03/10 20:32:19.620893 Running command echo "Runtime python Successful"
27 Runtime python Successful
28
29 [Container] 2024/03/10 20:32:19.627261 Phase complete: INSTALL State: SUCCEEDED
30 [Container] 2024/03/10 20:32:19.627274 Phase context status code:  Message:
31 [Container] 2024/03/10 20:32:19.658227 Entering phase PRE_BUILD
32 [Container] 2024/03/10 20:32:19.661095 Phase complete: PRE_BUILD State: SUCCEEDED
33 [Container] 2024/03/10 20:32:19.661112 Phase context status code:  Message:
34 [Container] 2024/03/10 20:32:19.691502 Entering phase BUILD
35 [Container] 2024/03/10 20:32:19.692448 Running command echo "Zipping deployment package......"
36 Zipping deployment package......
37
38 [Container] 2024/03/10 20:32:19.701849 Running command zip deployment_package.zip lambda_function.py
39   adding: lambda_function.py (deflated 59%)
40
41 [Container] 2024/03/10 20:32:20.052231 Phase complete: BUILD State: SUCCEEDED
42 [Container] 2024/03/10 20:32:20.052253 Phase context status code:  Message:
43 [Container] 2024/03/10 20:32:20.083121 Entering phase POST_BUILD
44 [Container] 2024/03/10 20:32:20.083644 Running command echo "Uploading to S3...."
45 Uploading to S3....
46
```

Developer Tools
CodeBuild

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Q Go to resource
⊟ Feedback

```
46
47 [Container] 2024/03/10 20:32:20.091020 Running command aws s3 cp deployment_package.zip s3://lambda-builds-zips/
48 Completed 993 Bytes/993 Bytes (8.7 KiB/s) with 1 file(s) remaining
49 upload: ./deployment_package.zip to s3://lambda-builds-zips/deployment_package.zip
50
51 [Container] 2024/03/10 20:32:33.146044 Running command echo "Updating Lambda function via S3......"
52 Updating Lambda function via S3......
53
54 [Container] 2024/03/10 20:32:33.152068 Running command aws lambda update-function-code --function-name assignment-lambda-class-3 --s3-bucket lambda-builds-zips --s3-key deployment_package.zip
55 {
56     "FunctionName": "assignment-lambda-class-3",
57     "FunctionArn": "arn:aws:lambda:us-east-1:767398036887:function:assignment-lambda-class-3",
58     "Runtime": "python3.9",
59     "Role": "arn:aws:iam::767398036887:role/gwd-aws-lambda-role",
60     "Handler": "lambda_function.lambda_handler",
61     "CodeSize": 993,
62     "Description": "",
63     "Timeout": 15,
64     "MemorySize": 128,
65     "LastModified": "2024-03-10T20:32:38.000+0000",
66     "CodeSha256": "hiLVEN1XQxQszB8OjApwFHTp9Eyd6SOc7cce6Aenn5M=",
67     "Version": "$LATEST",
68     "Environment": {
69         "Variables": {
70             "destinationBucket": "doordash-destination-zn"
71         }
72     },
73     "TracingConfig": {
74         "Mode": "PassThrough"
75     },
76     "RevisionId": "19731491-9176-4c59-919f-31a7b92ff6fe",
77     "Layers": [
78         {
79             "Arn": "arn:aws:lambda:us-east-1:336392948345:layer:AWSSDKPandas-Python39:16",
80             "CodeSize": 52939658
81         }
82     ],
83     "State": "Active",
84     "LastUpdateStatus": "InProgress",
85     "LastUpdateStatusReason": "The function is being created.",
86     "LastUpdateStatusReasonCode": "Creating",
87     "PackageType": "Zip",
88     "Architectures": [
89         "x86_64"
90     ],
91     "EphemeralStorage": {
92         "Size": 512
93     },
94     "SnapStart": {
95         "ApplyOn": "None",
96         "OptimizationStatus": "Off"
```

```
 95         "ApplyOn": "None",
 96         "OptimizationStatus": "Off"
 97     },
 98     "RuntimeVersionConfig": {
 99         "RuntimeVersionArn": "arn:aws:lambda:us-east-1::runtime:58f78ac89504821e52aa8fcb7a0dee3788f8487c225e5c5e08dd354d5e988c7b"
100     },
101     "LoggingConfig": {
102         "LogFormat": "Text",
103         "LogGroup": "/aws/lambda/assignment-lambda-class-3"
104     }
105 }
106
107 [Container] 2024/03/10 20:32:38.234934 Running command echo "Deployment Complete!"
108 Deployment Complete!
109
110 [Container] 2024/03/10 20:32:38.240474 Phase complete: POST_BUILD State: SUCCEEDED
111 [Container] 2024/03/10 20:32:38.240493 Phase context status code:  Message:
112
```