import boto3

import csv

from io import StringIO

s3 = boto3.client('s3')

def lambda\_handler(event, context):

user\_id = event['currentIntent']['slots']['User\_ID']

review\_text = event['currentIntent']['slots']['Review']

restaurant\_name = event['currentIntent']['slots']['Restaurant\_Name']

date = event['currentIntent']['slots']['Date']

#description = event['currentIntent']['slots']['Description']

bucket\_name = 'frankecfood'

#file\_name = 'New Review.csv'

file\_name = 'new\_reviews.csv'

try:

response = s3.get\_object(Bucket=bucket\_name, Key=file\_name)

contents = response['Body'].read().decode('utf-8')

existing\_rows = list(csv.reader(contents.splitlines()))

except:

existing\_rows = []

new\_row = [review\_text, user\_id, restaurant\_name, date]

all\_rows = existing\_rows + [new\_row]

csv\_buffer = StringIO()

writer = csv.writer(csv\_buffer)

for row in all\_rows:

writer.writerow(row)

s3.put\_object(Body=csv\_buffer.getvalue(), Bucket=bucket\_name, Key=file\_name)

response = {

'dialogAction': {

'type': 'Close',

'fulfillmentState': 'Fulfilled',

'message': {

'contentType': 'PlainText',

'content': 'Thank you for your review. Your feedback is valuable to us!'

}

}

}

return response