import csv

import io

import urllib.request

import boto3

def lambda\_handler(event, context):

# Define your API key and URL

api\_key = ‘ '

url = 'https://data.nasdaq.com/api/v3/datatables/ZILLOW/DATA.csv'

# Make a request to the API

url\_with\_params = f'{url}?api\_key={api\_key}'

with urllib.request.urlopen(url\_with\_params) as response:

content = response.read().decode('utf-8')

# Parse the CSV data

reader = csv.reader(io.StringIO(content))

data = [row for row in reader]

# Upload the data to S3

s3 = boto3.client('s3')

bucket\_name = 'mis-612-pro'

folder\_name = 'inputfolder/'

file\_name = 'data.csv'

key = folder\_name + file\_name

s3.put\_object(Bucket=bucket\_name, Key=key, Body=content.encode('utf-8'))

# Log the success

print(f'Data uploaded to S3: s3://{bucket\_name}/{key}')