Assign 9

import boto3

import os

endpoint\_name = 'your-sagemaker-endpoint-name'

image\_path = 'test\_image.jpg'

aws\_region = 'your\_aws\_region'

content\_type = 'image/jpeg'

try:

    sagemaker\_runtime = boto3.client('sagemaker-runtime', region\_name=aws\_region)

    if not os.path.exists(image\_path):

        print(f"Error: Image file not found at {image\_path}")

    else:

        with open(image\_path, 'rb') as image\_file:

            image\_bytes = image\_file.read()

        print(f"Sending image '{image\_path}' to endpoint '{endpoint\_name}'")

        response = sagemaker\_runtime.invoke\_endpoint(

            EndpointName=endpoint\_name,

            ContentType=content\_type,

            Body=image\_bytes

        )

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

        print("-" \* 20)

        print("Model Prediction:")

        print(result)

except Exception as e:

    print(f"An error occurred: {e}")