Create a cloud function and add s3 bucket which contains your image as trigger.

And add the following python code to detect and display the description of the object.

from google.cloud import vision

from google.cloud.vision import types

class MyError(Exception):

pass

def detect\_labels(uri):

client = vision.ImageAnnotatorClient()

image = vision.types.Image()

image.source.image\_uri = uri

response = client.label\_detection(image=image)

labels = response.label\_annotations

print('Labels:')

print(labels)

for label in labels:

print(label.description)

def hello\_gcs(event, context):

formats = ["image/jpeg", "image/png", "image/gif", "image/bmp", "image/webp", "image/x-icon", "application/pdf", "image/tiff"]

file\_name = event['name']

file\_type = event['contentType']

uri\_path = "gs://munny/" + file\_name

try:

if file\_type not in formats:

raise MyError

detect\_labels(uri\_path)

except MyError:

print("Error : File Format is not image! Its " + file\_type)

Add the following lines in requirements.txt

# Function dependencies, for example:

# package>=version

google-cloud-vision

Create the function.

Go to view logs and view the logs.It displays all the specifications of the objects in the image.

