Google API 로고 감지

1. request용 json 파일 생성

입력 이미지



2. 실행 및 실행결과

```
선택 Windows PowerShell
 C:#Users#memen> $cred = gcloud auth application-default print-access-token
C:#Users#memen> $headers = @{ "Authorization" = "Bearer $cred" }
C:#Users#memen> Invoke-WebRequest
    -Method POST
    -Headers $headers `
   -InFile ./google_request/logo_detection.json
   -Uri "https://vision.googleapis.com/v1/images:annotate" | Select-Object -Expand Content
"responses": [
      "logoAnnotations": [ˌ
           "mid": "/m/045c7b",
           "description": "Google".
           "score": 0.94017065,
           "boundingPoly": {
    "vertices": [
                  "x": 446.
                  "y": 270
                                                                                             П
                  "x": 807,
                  "v": 270
                   "x": 807,
                  "y": 421
```

Google API 여러 객체 감지

1. request용 json 파일 생성

```
object_localization.json + ×
스키마: <선택된 스키마가 없음>
            "requests": [
                 "content": "/9j/4AAQSkZJRgABAQEASABIAAD/4gIcSUNDX1BST0ZJTEUAAQEAAAIMbGNtcwIQAABtbnRyUkdCIFhZWiAH3AABABkAAwApADlhY3NwQVBQTAAAAAAAAAAAAA
               "features": [
                   "maxResults": 10,
                   "type": "OBJECT_LOCALIZATION"
                                                                                             BAKERY SCHOOL
            입력 이미지
```

2. 실행

```
PS C:#Users#memen> $cred = gcloud auth application-default print-access-token
PS C:#Users#memen> $headers = @{ "Authorization" = "Bearer $cred" }
PS C:#Users#memen> Invoke-WebRequest
>> -Method POST
>> -Headers $headers
>> -ContentType: "application/json; charset=utf-8"
>> -InFile ./google_request/object_localization.json
>> -Uri "https://vision.googleapis.com/v1/images:annotate" | Select-Object -Expand Content
```

3. 실행결과

```
"responses": [
                                                                                                                                                                  "mid": "/m/01g317",
                                                                                                                           "mid": "/m/0h9mv",
                                                                                                                                                                  "name": "Person",
                                              "mid": "/m/0h9mv",
                                                                                     "mid": "/m/0h9mv",
                                                                                                                           "name": "Tire",
   "localizedObjectAnnotations": [
                                                                                                                                                                  "score": 0.5409186,
                                              "name": "Tire",
                                                                                     "name": "Tire",
                                                                                                                           "score": 0.5627655,
                                                                                                                                                                  "boundingPoly": {
                                              "score": 0.8843513,
                                                                                      "score": 0.87652695,
                                                                                                                           "boundingPoly": {
      "mid": "/m/0199g",
                                                                                                                                                                    "normalizedVertices": [
                                              "boundingPoly": {
                                                                                      "boundingPoly": {
                                                                                                                            "normalizedVertices": [
      "name": "Bicycle",
                                               "normalizedVertices": [
                                                                                       "normalizedVertices": [
      "score": 0.8972358,
                                                                                                                                                                       "x": 0.73700386,
                                                                                                                               "x": 0.9415436,
      "boundingPoly": {
                                                                                                                                                                       "y": 0.3624668
                                                   "x": 0.079826124,
                                                                                          "x": 0.29944605,
                                                                                                                                "y": 0.68047553
       "normalizedVertices": [
                                                   "y": 0.7197509
                                                                                          "y": 0.73484844
          "x": 0.08232284,
                                                                                                                                                                       "x": 0.79345083,
                                                                                                                               "x": 0.99660295,
          "y": 0.6170221
                                                                                                                                                                       "y": 0.3624668
                                                  "x": 0.21208802,
                                                                                          "x": 0.380811,
                                                                                                                               "y": 0.68047553
                                                   "v": 0.7197509
                                                                                          "v": 0.73484844
          "x": 0.39065692,
                                                                                                                                                                       "x": 0.79345083,
                                                                                                                               "x": 0.99660295,
          "y": 0.6170221
                                                                                                                                                                       "y": 0.51972765
                                                   "x": 0.21208802,
                                                                                          "x": 0.380811,
                                                                                                                               "y": 0.8273247
                                                   "y": 0.91879684
                                                                                          "y": 0.9195114
          "x": 0.39065692,
                                                                                                                                                                       "x": 0.73700386,
                                                                                                                               "x": 0.9415436,
                                                                                                                                                                       "y": 0.51972765
          "y": 0.92242104
                                                                                          "x": 0.29944605,
                                                   "x": 0.079826124,
                                                                                                                               "y": 0.8273247
                                                   "y": 0.91879684
                                                                                          "y": 0.9195114
          "x": 0.08232284,
          "y": 0.92242104
```

Google API 유해성 컨텐츠 감지

1. request용 json 파일 생성

입력 이미지



2. 실행 및 실행결과

```
IPS C:\Users\memen> $env:GOOGLE APPLICATION CREDENTIALS="VisionTest-b7032df5ad1f.ison"
PS C:\Users\memen> \$cred = gcloud auth application-default print-access-token
PS C:\Users\memen> \$headers = @{ "Authorization" = "Bearer \$cred" }
   C:\Users\memen> Invoke-WebRequest
     -Method POST
     -Headers $headers
     -ContentType: "application/json: charset=utf-8" `
     -InFile ./google_request/safe_search.json
     -Uri "https://vision.googleapis.com/v1/images:annotate" | Select-Object -Expand Content
  "responses": [
       "safeSearchAnnotation": {
          'adult": "UNLIKELY",
          "spoof": "VERY_UNLIKELY",
         "medical": "UNL|KELY",
"violence": "VERY_UNL|KELY",
         "racy": "VERY_LIKELY"
```

3. 만약 건전한 이미지를 돌리면?

